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PRINCIPAL INVESTIGATOR: Jerrold H. May, Ph.D.

CONTRACTING ORGANIZATION: University of Pittsburgh
Pittsburgh, Pennsylvania 15260

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Jerrold H. May, Ph.D.

7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)
University of Pittsburgh
Pittsburgh, Pennsylvania 15260

E-MAIL: Jerrold.Rumph@amedd.army.mil

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13. ABSTRACT ***(Maximum 200 Words)***

The Artificial Intelligence in Management (AIM) Laboratory of the Katz School of Business, University of Pittsburgh will employ AIM Lab personnel and consultants to design, develop and test a prototype of the following US Army Medical Research and Materiel Command (USAMRMC), Telemedicine and Advanced Technology Research Center (TATRC), Knowledge Engineering Group (KEG) Artificial Intelligence Research and Development efforts:

Task 1: Design, Development and Prototyping The Expert Consult Broker of GGTS

The AIM Lab will employ a combination of cognitive science, computer science, artificial intelligence, and management science methodologies to perform the task. The Principal Investigator will ensure that each task is analyzed and broken down into individual components which will be then further analyzed for specificity and applicability. Once this is accomplished, the principal investigator will apply current and state-of-the-art processes to improve each component. Once accomplished, the task will be reengineered in an iterative fashion.

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Introduction

The Artificial Intelligence in Management (AIM) Laboratory of the Katz School of Business, University of Pittsburgh will employ AIM Lab personnel and consultants to design, develop and test a prototype of the following US Army Medical Research and Materiel Command (USAMRMC), Telemedicine and Advanced Technology Research Center (TATRC), Knowledge Engineering Group (KEG) Artificial Intelligence Research and Development efforts:

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Body

As detailed in section 5.1 of the approved Statement of Work, Phase I of award DAMD 17-99-1-9581 included six tasks:

5.1.1 Develop a conceptual model of a telemedicine consult management system operating within a dynamic military environment. The model will address the ways in which consult routing could occur, as in CB-LRCE. Wherever possible, the consult broker will access information regarding dynamic environmental aspects by querying the Combat Service Support Control System - Medical component of the Army Global Command and Control System. The model should be reflective of current worldwide medical consultation management practices and past experience in both the military and civilian sectors.

5.1.2 Select one or more knowledge representation schemes to implement the model.

5.1.3 Instantiate sufficient domain knowledge to enable a structured consultation process walk-through to be demonstrated to a peer review panel composed of physicians and knowledge engineering professionals from military and civilian academic organizations.

5.1.4 Demonstrate that the conceptual model of 5.1.1 together with the domain knowledge of 5.1.3 represented as in 5.1.2 is capable of functioning as an effective and reliable consult manager.

5.1.5 Prepare and deliver expert system model specification.

5.1.6 Prepare and deliver verification, validation and operation prototype test plans.

In this part of our report, we describe our accomplishments associated with each of those tasks. Six documents, attached as appendices, provide the details referred to in this section. Those documents are:

Appendix 1. Gilbert, May, Vargas, and Brienza, "The Global Grid Telemedicine System Consult Broker," AIM Lab Working Paper number 101;

Appendix 2. May, Vargas, Johnson, Gilbert, and Illi, "Global Grid Telemedicine System," presented at ATA Fourth Annual Meeting, Salt Lake City, Utah, 1999;

Appendix 3. May, Vargas, Gilbert, Illi, Rocca, and Jacobs, "GGTS Consult Broker," presented at the ATA Fifth Annual Meeting, Phoenix, Arizona, 2000;

Appendix 4. Gilbert, Illi, Baker, Brienza, Rocca; Vargas, and May, "Global Grid Telemedicine System (GGTS)," presented at the ATA Fifth Annual Meeting, Phoenix, Arizona, 2000;

Appendix 5. Summary of naive text classification experiments on teledental and medical data; and

Appendix 6. Code listing for Teledental Consult Broker Prototype.

We chose to pursue a data driven approach to Tasks 5.1.1 through 5.1.6 rather than a top-down system development methodology. In other words, we decided to use whatever information could be found that related to at least partly fielded and used Army

telemedical systems as the basis for developing a prototype in a narrow application area. Such a narrow-but-deep strategy could help us appreciate and integrate characteristics that are critical for system acceptance and functionality. The primary risk of our strategy is that what we learn from a narrow application domain may not generalize to other parts of telemedicine, but we considered the benefits of being able to rapidly develop a prototype and to learn from its construction made that an acceptable risk.

In order to pursue a data-driven strategy, we required data. The group at TATRC that was associated with the Army's Teledental system had about 500 e-mail records from their Internet-based system, as was willing to share those records, properly sanitized, with us. We began to receive parts of their data at the beginning of January 2000, and had a complete data set approximately one month later. The teledental data included the text from Form 513 for each patient and the location and code number for the consultant who responded to the request, but not the reason(s) why that particular consultant was chosen or chose to respond.

Task 5.1.1.

A preliminary conceptual model for the Consult Broker, including four possible interface designs, is described in Appendix 2. After receipt of the Teledental data, we further developed that model, specialized in part to characteristics of the Teledental environment. The refined model is discussed in Appendix 3, Appendix 4, and Appendix 1. The computer expression of the conceptual model is fully described in Appendix 6. The interrelationships between the Consult Broker, and a possible

network environment are discussed in Appendix 5 and in Booz-Allen Hamilton (2000).[1]

Task 5.1.2.

We chose to represent knowledge structures such as consultants, units, and facilities using objects, and data as instances of those objects. A text description of the representation is included in Appendix 1, and its computer realization in Appendix 6.

Task 5.1.3

Based on analyses of the Teledental data and discussions with TATRC personnel, we first identified three distinct types of teledental consultations.

Type 1: The requester is primarily interested in referring the patient to the consultant, and has asked for a consultation in order to find the best match for that referral. The primary goal of the requester is thus administrative, not medical.

Type 2: The requester fully intends to treat the patient himself, but has encountered complications or problems that are outside of his experience or expertise. The purpose of the consultation is to give him the additional information necessary to permit him to carry out his treatment of the patient. The primary goal of the consultation is medical, not administrative.

Type 3: The type of request is intermediate between types 1 and 2. The request is initially medically oriented, but the requestor will continue treatment only if the problem turns out to be within his expertise, even after having been provided with additional information from the consultant. If the problem is too difficult for the requester, he is interested in referring the patient to the consultant for further treatment.

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[1] Booz-Allen Hamilton (2000), "GGTS Implementation Plan."

The type of consultation affects both the way in which the Consult Broker should be expected to interact with the requester and the amount and type of information the requester can be expected to provide to the Consult Broker. In a Type 1 consultation, geographic proximity of the consultant to the requester could be very important, because the patient is going to be handed off from the requester to the consultant. Depth of expertise on the part of the consultant is much more salient in a Type 2 consultation. A request for a Type 2 consultation is more likely to have specific likely procedures identified than would be a Type 1 consult. For example, a Type 1 teledental consult might be as simple as a request to find the nearest oral surgeon so that a patient can have an impacted wisdom tooth extracted. In a Type 2 consult, the requester is more likely to be able to provide the specific CDT procedure code(s) the patient would require.

As detailed in Appendix 3, we developed six scenarios for possible teledental consultations. They are:

Scenario 1: Peacetime, with consultants in their default locations, and the requester able to provide as least the specialty required

Scenario 2: Conflict, in which deployable units may be located in other than their default locations, but with peacetime organizational rules

Scenario 3: Scenario 2, but with special organizational rule for communication and patient movements

Scenario 4: A Type 2 consult in which there is a trade off between immediate consultant availability and specific prior experience

Scenario 5: A consult in which the specific expertise requested is new to the system, and the Consult Broker has to use its knowledge of dental procedures to identify patients most

similar to the new consultation (case-based reasoning on patient records)

Scenario 6: A consult request in which the requestor is not exactly certain of the specific expertise necessary, so that the Consult Broker is expected to provide the names of consultants with similar expertise as well as those with exactly the expertise requested (case-based reasoning on consultants).

Appendix 3 shows the prototype system's behavior, and the interface screens that result, from all six scenarios. The consultation process for those scenarios was demonstrated to an audience of physicians and knowledge engineering professionals at the ATA 2000 national meeting in Phoenix, AZ.

Task 5.1.4.

The demonstration of effectiveness and reliability of the conceptual model and its computer implementation as a stand-alone system would require our having access to a data set in which the choice of consultants to match requests was based on the criteria desired by the Army, and for which those criteria were fully disclosed to us. To demonstrate its effectiveness in a larger network environment would require the development of at least a prototype of that larger environment.

Task 5.1.5

The model specification, for at least the teledental application, is described in Appendix 1 and Appendix 6.

Task 5.1.6

This task also requires that we be provided with suitable data.

Key Research Accomplishments

- Development of a prototype teledental consult broker
- A metric for case-based reasoning based on a multidimensional scaling of similarity judgments of procedures
- A naive Bayesian classifier for extraction of administrative information from technical medical text

Reportable Outcomes

Gilbert, May, Vargas, and Brienza, "The Global Grid Telemedicine System Consult Broker," AIM Lab Working Paper number

May, Vargas, Johnson, Gilbert, and Illi, "Global Grid Telemedicine System," presented at ATA Fourth Annual Meeting, Salt Lake City, Utah, 1999,

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Summary of naive text classification experiments on teledental and medical data, and

Code listing for Teledental Consult Broker Prototype.

Conclusions

Our progress to date on this award demonstrates that we have been able to conceptualize, formalize, and implement the technical aspects of a Consult Broker for the Global Grid Telemedicine System. Using techniques from artificial intelligence and statistics, we have successfully represented both data and knowledge for a teledental prototype, and have shown that our prototype is capable of supporting decision making in a variety of scenarios. We have also begun the process of generalizing the teledental model to the more general medical domain, primarily through our experiments in using naive classification to extract what an administrative system, such as the Consult Broker, needs to know from technical medical text.

Progress beyond this point in the development of the Consult Broker will be limited by the availability of adequate data and adequate administrative knowledge, rather than by technical difficulties associated with implementation. With the apparent hiatus in further work on the originally envisioned network environment for the GGTS, a specific delineation of the place and role of the Consult Broker within the larger Global Grid environment is necessary. Such a delineation would define what type of telemedical systems would be supported by the Consult Broker, and the way in which users would be expected to interact with the Consult Broker. If those systems are ones that are at least partly implemented, then data from them and a thorough description of the medical administration of the teleconsultation processes associated with them is critical for Consult Broker development, testing, verification, and validation. If systems to be supported by the Consult Broker are also only at the planning or prototype stage, then descriptions of those systems' intended architecture and the test cases to be used for their testing, verification, and validation, would aid permit us to design a Consult Broker that would be compatible with those systems.

Appendix 1:

THE GLOBAL GRID TELEMEDICINE SYSTEM CONSULT BROKER*

Gary R. Gilbert
University of Pittsburgh and USAMR&MC\TATRC

Jerrold H. May
Luis G. Vargas
Katz Graduate School of Business
AIM Laboratory
University of Pittsburgh

* This research has been supported by grant number DAMD 17-99-1-9581 to the University of Pittsburgh.

1. INTRODUCTION

The Global Grid Telemedicine System (GGTS) is a proposed global telemedicine command and control system (Zajtchuk and Zajtchuk, 1996) that will enable telemedical consultations to occur anywhere in the world, regardless of location or transportation medium. The objectives are to: (1) leverage the extensive military national command communications facilities throughout the world to provide global telemedicine support to US and allied forces, worldwide; (2) provide a transparent fully-integrated commercial communications network backup to military facilities; and (3) develop a computer assisted consultation routing system that maximizes world-wide projection of consultation support from medical consultants and sub-specialists located at military and civilian medical centers throughout the United States. The concept envisions sophisticated network management tools that maximize efficient use of military and civilian communications infrastructure at bandwidths, protocols, security levels, and modalities appropriate to specific telemedicine applications. A key component is an intelligent global teleconsultation routing and management system capable of determining, from very minimal requester provided information, the type and location of consultant needed, the protocol conversions required, the priority of need, and the optimal network routing to facilitate connectivity.

Concept for Global Grid Telemedicine System

For the last several years, the Department of Defense has implemented numerous rapid prototyping and integration efforts as part of the DoD Telemedicine Testbed at Fort Detrick, Maryland. These prototypes were continuously evaluated in Joint Technology Demonstrations, in Army Battle Labs Advanced Warfighting Experiments and other joint service exercises. Contemporary military operations in the Balkans and the Middle East have also offered real-world environments to validate emerging telemedicine technologies. Although much work has been done, the military health system currently does not have an effective method of linking health care providers and diagnostic systems into a seamless diagnostic, treatment, and evacuation capability. Health care personnel at all

echelons of care must be able to communicate with each other by audio, video, and electronic media, so maximum utilization of expert consultant skills, diagnostic capability, and treatment regimens can be quickly implemented to provide state-of-the-art resuscitation, care, and enhanced evacuation. Integration of existing and emerging digital communication technologies into the patient care system, beginning with the individual soldier and continuing throughout the health care continuum, will allow the military health system to project expert preventive medicine and treatment necessary to improve the sustainability of the future military force. In addition, health care in special operations and military operations other than war (e.g. humanitarian and peacekeeping missions) will be enhanced by the utilization of these technological innovations. The timing of this need is based on ongoing joint telemedicine advanced technology demonstrations and advanced warfighting experiments that have demonstrated that integrating emerging information management technologies into the health services mission area will significantly improve combat casualty care.

Traditionally, the military medical community has had very limited access to tactical and strategic communications assets. In addition, the increased employment of telemedicine technologies by the US. military has led to haphazard growth of stovepiped, leased commercial communications networks to support military telemedicine applications. These networks are excessively expensive, inefficiently designed to meet global-needs, and ill-equipped to assist end-users in routing teleconsultation and medical messaging traffic to appropriate destinations. As global telemedicine operations are incorporated into US military medical doctrine for world-wide deployments, increased access to tactical and strategic communications assets for the military medical community is becoming essential.

In order to address these changing operational requirements and to enable the DoD to leverage rapidly emerging technological innovations, the concept of a Global Grid Telemedicine System (GGTS) was conceived. The GGTS will match, in real time or store-and-forward mode, remote or deployed medical personnel or facilities requesting telemedicine consultation support with provider facilities at major military and civilian medical centers. It also

establishes and manages the connectivity required to support the consultation session as well as security fire walls to enable communications from forward tactical forces including special operations forces operating well behind enemy lines. Medical sub-specialty consultants are generally based at medical centers in the United States and accessible through a variety of commercial or defense networks if adequate multilevel security features can enable connectivity. The two key components of the proposed GGTS system are the Consultation Broker Server, and the managed Communications Networks consisting of a Requestor Network on one side of the Consultation Broker, and a Provider Network on the other side. The primary function of the GGTS is to match remote, deployed medical facilities requesting telemedicine consultation support with provider facilities around the world, and to establish and manage the connectivity required to support the consultation session. Consult providers, individual sub-specialty physicians at primary medical facilities, "register" with the GGTS Consult Broker when they are available to receive consult requests within their area of expertise. Remote forward deployed medical facilities (afloat or land-based) submit consult requests to the GGTS Consult Broker specifying the classification of the medical issue and the type of telemedicine session required. The Consult Broker will then match the request with the appropriate registered provider and establish or schedule a real-time consultation session between the two nodes (Provider Node and Requestor Node) or forward a store-and-forward consultation request to an appropriate consultant and return the results to the requestor. It will also manage the Requestor and Provider Network communications resources available to the GGTS to provide optimal bandwidth, quality of service, and security for concurrent telemedicine sessions. Because of rapidly changing bandwidth requirements for strategic communications throughout the entire DoD, the GGTS network will be designed to leverage military bandwidth when available and transparently switch to commercial bandwidth on-demand when other DoD strategic and/or tactical priorities preempt telemedicine applications.

This paper concentrates on the Consultation Broker (CB) component of the GGTS operationalized using Artificial

Intelligence methodologies. The CB is an object oriented global teleconsultation system designed to route incoming requests for consultation to the appropriate "on duty" medical personnel. The CB must have sufficient ingrained "intelligence" to determine - in real time- the type of consultant needed from very minimal requester provided information, and to determine protocol conversions needed, priority of need, and optimal network routing to facilitate connectivity.

Previous research within the Army indicates that telemedical practice requires "standards of utilization" (Walters, 1996). Significant controversy exists over what value various telemedical modalities offer to the consultation process, what minimum information is needed for consultations, and how that information should be presented to the consultant. There are also debates over which medical sub-specialties require what information media or telemedical modalities: store-and-forward versus real-time video consultations, high resolution still images versus full motion video clips, radiology and pathology images versus radiology and pathology reports, and telephone consultations versus e-mail. Calcagni et al. (1996) and Clyburn et al. (1998) provide some experiences with the use of telemedicine. However, insufficient empirical data or hard analysis yet exists to make definitive recommendations by sub-specialty. Therefore an important function of the CB system should be to collect and analyze information on the telemedicine consultation process.

Walters (1996) identified a number of objective and subjective questions that should be asked about each telemedicine consultation in order to determine how best to execute it. In addition to considering what telemedical modalities are appropriate for each case, Walters' list of questions includes basic patient demographic data (e.g., name, date, location, age, and nationality), and consultation specific data (e.g., the requesting physician's specialty, what he/she is asking the consultant, consultation urgency, subspecialties requested, type of equipment used or available, history of present illness, and current differential diagnosis). Walters also extracted and retained information from the consultant's reply, such as the adjusted diagnosis and treatment recommendations. In her research, Walters employed a physician reviewer who addressed questions such as, How sick was the patient? Did the consultation change

the diagnosis, treatment, or duty status of the patient or effect the outcome? What type of communication modality was needed by the consultant to reply to the consultation? Walters found that two patterns of consultation referral developed. The first involved physicians consulting on conditions outside of their own specialty. The second involved specialty physicians consulting with subspecialists or specialists with greater expertise in the requestor's own specialties.

Reporting on the Army telemedicine experience in the republics of the former Yugoslavia, Navein et al. (1996) observed that quality of service (response time, quality of consultation, expertise of consultants, etc.) was the most significant factor in the choice of consultant when consultation routing was left to the prerogatives of requesting physicians alone. Even though the Army considered that "best practice" would dictate that consultations be directed to the "referral center" hospital to which it wanted patients to be evacuated, deployed physicians generally directed consults to the medical center providing the best telemedicine service.

2. THE NETWORK ENVIRONMENT

Booze-Allen Hamilton (1999?) observed that the GGTS, at its highest level, is a system that manages a medical information exchange network in the support key military health service support processes. The GGTS accomplishes this through the use of 4 distinct elements operating through a managed interface to the network. In addition an underlying GGTS communications network is employed to facilitate the interaction between each of the elements of GGTS. Figure 1 shows the relationship between five health service support "pillars", the medical support net, and the GGTS network, elements.

The GGTS is composed of four distinct functional nodes: Field, Requestor, Broker and Provider. Each one of these nodes provides a specific interface to the communications network that supports medical operations across the Operational Continuum. In addition to providing interfaces, each node also contains a specific set of functionality that helps enable the GGTS to manage the communications network.

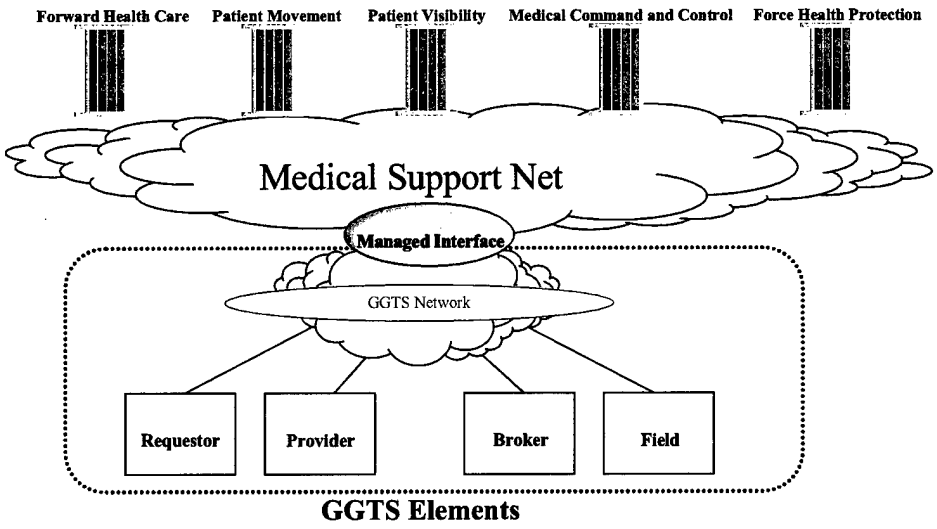

Figure 1. GGTS Support to Five Medical Business Processes and Interfaces.

The Field Node is most commonly associated with the end-user of GGTS. The end-user can anyone from a first responder and forward deployed medics to medical command and control and medical space awareness personnel. It is the Field Node that provides the initial gateway through which medical information and services may be requested. This node accomplishes three tasks:

- Gathering medically relevant information from the patients and facilities.
- Make available relevant information about patients and facilities , and
- Initiate Tele-medicine Consultation Sessions by establishing a connection with the GGTS Requester Node.

The Requestor Node's primary duty is to act as the central gathering point for Field Node requests and to maintain communications links with the Broker and each Field Node it is responsible for. Thus requestor acts a form of mediator between the Broker and each Field Node for which it is responsible This node serves as the Central point of contact for all Field Nodes in the assigned area of responsibility by processing User Requests to Start Applications, retrieve information and begin Tele-consultations, maintain communication with Broker Node and Field Node/Units, reallocate bandwidth among numerous Field

Nodes, maintain the Status of the Communications Equipment, Format/Transmit Request Messages to Consult Manager in Broker Node, and if possible assign Medical Specialty and establish the required and Requested Bandwidth and Duration of the consultation.

The Broker Node is the "Brains" of the GGTS. As shown in Figure 2 it is sub-divided into four separate managers. Each one being responsible for a different management aspect of the GGTS.

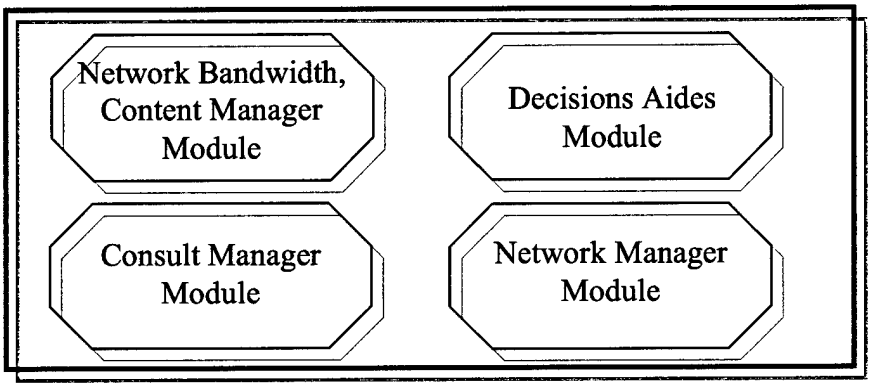

Figure 2. GGTS Broker Node Managers

At a high level, the Borker Node performs the following brief list of functions:

- Receive consultation requests from Consultation Requester Node
- Match requests with appropriate Provider node
- Use Medical Artificial Intelligence (AI) to satisfy Field Node requests
- Network management
- Determine physical communications link and topology
- Establish / Maintain permanent path between broker and requester base nodes.
- Dynamically reallocate bandwidth as required
- Maintain numerous ongoing sessions, and
- Establish a connection.

The Network Manager Module is responsible for monitoring the communications networks allocated to the GGTS. It provides continuous topology information to:

- The Network/Bandwidth/Content Manager Module
- The Decision Aides Module

The Network Bandwidth/Content Manager Module is a multi facetted module that manages not only the bandwidth assigned to the GGTS but also the content of the information flowing across its allocated networks. The main functions attributed to the module are:

- To Generate/Execute Bandwidth Reallocation Commands based on input from

  the Network Manager and Consult Manager Modules ;

- To Monitor and Display the Status of the Consultation Provider Nodes,

  the System performance(e.g. error rate, QoS) of On-Going Consultations

  and the Available Bandwidth in the entire system ; and

- To Monitor and Manage Prioritized Content sent across the network.

The Decisions Aides Modules provides the Broker a set of tools and functionalities designed to help facilitate its decision making process. These tools can be anything from additional rule sets to automated software applications that keep track of specific data and information. Among some of the functionalities it is worth to mention we have:

- Support the interpretation of relationships between system dynamics and user priorities;
- Help to determine optimal utilization of available resources such as Communication and Medical Assets, Specific Paths/Links, Available Equipment, and Satellite Footprints;

- Provide Direction to Network Bandwidth Manager Module (through Consult Manager) in Allocating Communication Assets;

- Evaluate Consultation Requests Against: Provider/Field Node Profiles, Communications Availability, Request Priorities, and Other Mission Specific Rules.

The Consult Manager is the part of the Broker that determines which Medical Providers best meets the stated request from a Field Node. The main tasks of this module are to:

- Receive/Prioritize Consultation Requests;

- Querie Decisions Aides Module for requested system performance (e.g. error rate,Quality of Service (QoS), Availability);

- Notify Consultation Providers of incoming Consultation Requests;

- Prepare/Transmit Network Configuration Messages/Responses;

- Coordinate Consultation Request Information among other Consultation Broker Server Modules; and

- Determine which providers to assign to which consultation request.

The Provider Node is the part of GGTS that interfaces with those locations that contain the requested medical support applications or medical personnel as stated in a Field Node Requests. It is the job of the Provider Node to enable these medical personnel and applications to interact effectively with the requesting Field Node. It is in charge of :

- Processing Requests to Start Applications;

- Receiving/Processing Incoming Consult Warning Message and Configuration Messages;

- Configuring Collocated Communications Equipment;

- Hosting, whenever appropriate, Telemedicine "Applications" or Interface With Them as External Systems;
- Launching Applicable/appropriate Telemedicine Applications or Interface with Them;
- Facilitating medical personal interaction with the Consultation;
- Loging all Consultation related information into a database;
- Maintaining Interface/Communications with the Broker Node;
- Allocating Bandwidth among Provider Node Workstations; and
- Maintaining Provider User Machine Interface.

In order for the GGTS to effectively perform its functions, each functional node of the GGTS needs to be able to communicate with each other. This is accomplished through the use of a GGTS network that enables each node to connect to each other. Figure 3 shows the relationship of each of the functional nodes with regards to each other and the communications network.

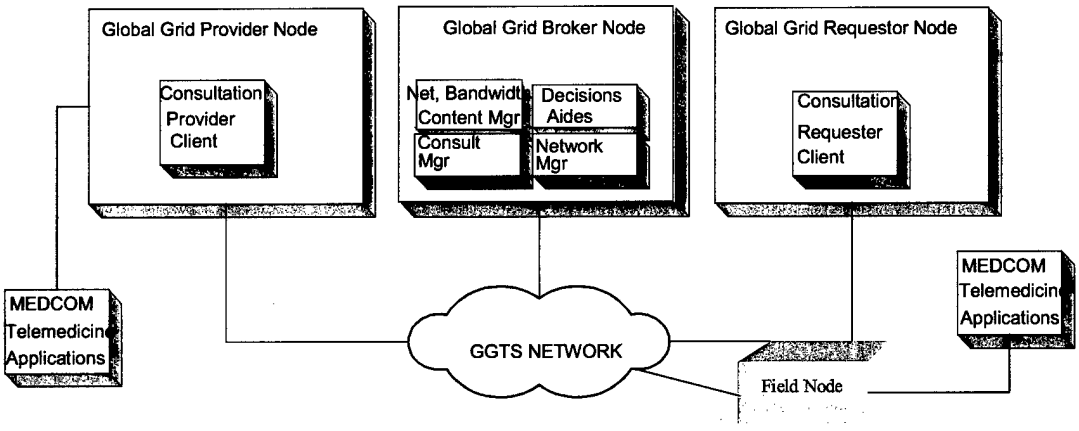

Figure 3. GGTS Element Relationship

An emerging information architecture doctrine for the Department of Defense, called Global Information

Grid (GIG) is based on a military concept called "Network Centric Warfare" (NCW). NCW is defined as "an information superiority-enabled concept of operations that generates increased combat power by networking sensors, decision makers, and shooters to achieve shared awareness". Information superiority is the capability to collect, process, and disseminate an uninterrupted flow of information while exploiting or denying an adversary's ability to do the same. The objective of NCW is to "translate information superiority into combat power by effectively linking knowledgeable entities in the battle space". The GIG was born out of concerns regarding interoperability and end-to-end integration of automated information systems within the Department of Defense. As a unified "system-of-systems", the GIG is the key enabler of information superiority. The GIG is the globally interconnected, end-to-end set of information capabilities, associated processes and personnel for collecting, processing, storing, disseminating and managing information on demand to warfighters, policy makers, and support personnel.

The NCW concept is also the basis of the emerging "net-centric" architecture for military medical operations. Net-centric operations military operations are built around *command, control, communications, computers, and intelligence* (C^4I) *systems* with the specific goal of supplementing or replacing directed linear point-to-point information flows with network centered information flows similar to a message board. A distributed network centered information architecture serves as both a collection center for information from those generating it, as well as a source of information for those needing it, without a pre-planned or required communications link between information generators and information users. Communications systems are traditionally described in terms of send and receive architectures. While any information flow from the *communications technical architecture* perspective involves a "send and receive" concept, net-centric information flows from the *operational architecture* perspective involve information contributions (new inputs and updates) and information queries (requests with accompanying outputs). Within net-centric operations many of the information deposits will be of the "transmit and

forget" nature (those inputting the information will not be concerned with who uses it), while many of the information queries will be "blind" (those requesting and using the information will not be aware of its source). In order for the GGTS medical information and communication support network discussed above to be efficiently and *securely* implemented within the Military Global Information Grid, and also be flexible enough to accommodate spontanenous, random, 24 hour consultation requests, and all four Consultation Broker implementation alternatives discussed in Section 4 below, a net-centric architecture approach that supports "transmit and forget" input and "blind query" output, is essential.

Likewise, under all four Consultation Broker alternatives, the Consultation Broker must have a way to represent requestor, patient, consultant, and consultation site information, with the level of detail necessary dependent in part on the alternative chosen, and a way to represent actual and elapsed time. Much of the patient information can be described numerically. ICD9 diagnostic codes could be used by the requestor to convey possible patient problems and for the consultant to refine differential diagnoses, confirm diagnoses, or modify diagnoses. ASA codes could be used to describe the severity of the patient's condition and its rate of deterioration. Patient demographics (age, sex, etc.) could also be communicated either numerically or by menu choice that would be coded numerically by the CB. Critical consultant and site information could also be represented using ranges of ICD9 codes for specialties, subspecialties, and consultation histories. The data also must be represented in a way that is compatible with its reasoning methodology.

Booze-Allen Hamilton (1999?) proposed to analyze each functional requirement and to generate a specific set of rules for it. Those rules would then form the basis upon which consultation and communications asset allocation decisions would be made. Rule generation would be an iterative process, with the rules being modified as the complexity of the GGTS system development increases. The GGTS would have a rule manager module, a rule-based expert system that interprets relationships between system

dynamics and user priorities. The rule manager module would apply its rules to determine the optimal utilization of available resources (both communications assets and medical personnel) and to provide direction to the Network Bandwidth Manager Module to dynamically allocate communications assets.

In their approach to the CB, the rule manager module would have the following functions.

1. Evaluate requests against user and facility profiles, communications availability, request priorities, and other mission-based rules;

2. Provide responses to requests from the Consult Manager Module;

3. Provide recommendations to the Consult Manager Module if quality of service or level of service parameters cannot be met;

4. Track network resources through interface with the Network Bandwidth Manager and the Network Manager Modules;

5. Collect status/topology information from the Network Manager Module;

6. Determine potential connectivity for paths, links, available equipment, and satellite footprints; and

Determine connection set-up options such as virtual path / virtual circuit (VP/VC), bandwidth, ATM Adaptation Layer (AAL), and Forward Error Correction (FEC).

Regardless of the system alternative architecture chosen, the Consultation Broker must work in close conjunction with a network system manager (see Figure 4). The network system manager tells the CB what types of teleconsultations are feasible at a particular point in time, and handles all administrative functions necessary to initiate and sustain the chosen connection for its duration. France Telecom and INTELSAT's successful development of telecommunication hardware management systems using G2 (ref for G2) and a rule-based approach support the contention that a similar methodology would likely be appropriate for the GGTS network system manager. The type of knowledge necessary to have an effective

Consultation Broker, though, is sufficiently different from that involved in a network system manager that we expect that other reasoning approaches would be more effective for the CB than would be a rule-based methodology.

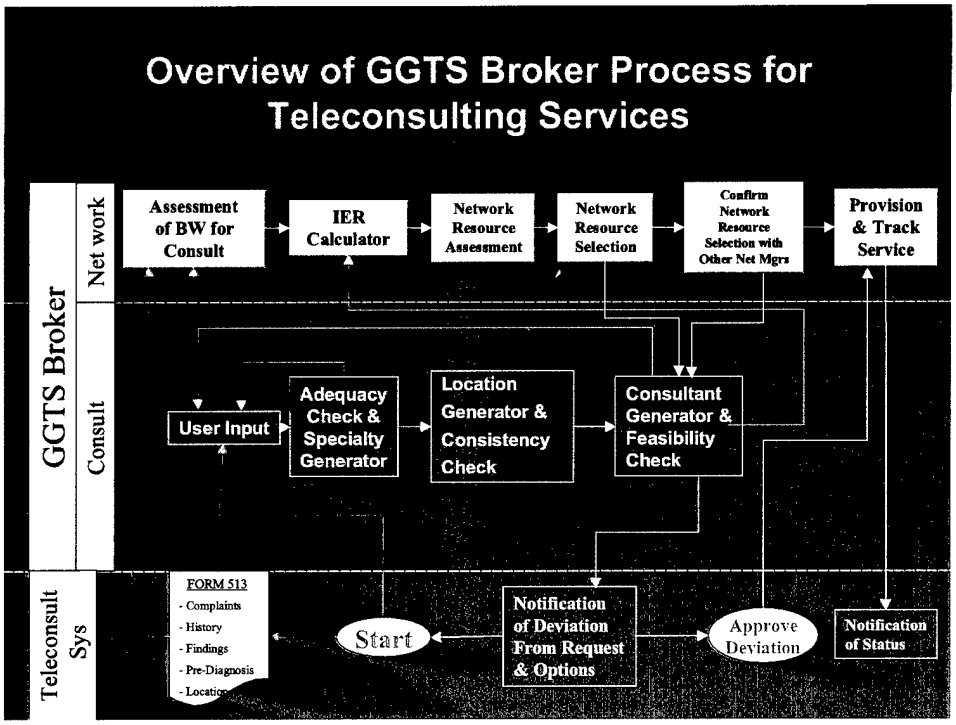

Figure 4

Rules are an effective way of representing and acting on knowledge when the action (the right-hand-side) parts of the rules are static and deterministic results of the condition (the left-hand-side) parts. The primary hardware components of a telecommunication network do not change frequently, the hardware's behavior is highly predictable, and the physical processes by which the network functions are well understood. As a result, a written procedures manual could be constructed to define the behaviors a person should follow if the network were to be managed manually. The written procedures manual should be adequate to cover almost all decisions that would have to be made as long as the network is functioning normally. A rule-based system is the computer-based equivalent of such a written procedures manual. Reasoning with and about time is a complication in telecommunications management, but G2 has a proven track record for such problem domains, as mentioned earlier, so that a rule-based artifact using that product is a good strategy for the GGTS network system manager.

The Consultation Broker's task of matching requestors to consultants requires reasoning in rapidly changing situations in which procedures are subject to preferences as well as firm guidelines. The decision environment changes because the pool of available consultants changes frequently. The experience and expertise of consultants who remain in the system evolve over time, and consultants' availability may change on a daily or hourly basis. There are advantages to routing all patients with similar problems to the same consultant, because the consultant might then be able to detect patterns of occurrences that are problematic. There are also advantages to utilizing multiple consultants for a set of patients with similar problems, so that more than one individual has the expertise and experience to deal with each type of problem. Rules are good for representing knowledge of the IF (conditions) THEN (actions) type, where the same thing is always done when the same situation is encountered. Rules are not as good for knowledge of the type IF (conditions) THEN USUALLY (actions) UNLESS (more conditions) IN WHICH CASE (actions). Telecommunication network management should be primarily of the former variety. We expect that those aspects of the CB's problem that are based on medical considerations are primarily of the latter; portions of the CB's reasoning that are based on absolute institutional directives might better be represented by rules.

In alternatives or situations in which the Consultation Broker must select a consultant, its task to choose the most appropriate one of a finite set of alternatives. At least two methodologies, case-based reasoning and statistical classification, might apply to such a choice decision in a rapidly changing environment of the type outlined above. Case-based reasoning reasons analogically from experience. If enough consistent experiences exist, then it is efficient to codify the behavior pattern into rules. The same would be true for principles of the field. Medical reasoning, though, is traditionally of the case-based variety, so the approach maps well onto conventional behaviors. Case-based reasoning, because it retains all experiences as opposed to only regularities found in those experiences, has the ability to "learn" from what it does, if we consider remembering to be the most fundamental aspect of learning. Statistical classification also has the potential for resolving the CB's problem, if sufficient data and an adequate data model could be found.

3. CASE-BASED CLASSIFICATION

"A case-based reasoner solves new problems by adapting solutions that were used to solve old problems…Case-based reasoning means reasoning from prior examples." (Riesbeck and Schank, 1989, page 25). Case-based reasoning (CBR) relies on analogy as its basic technique. A CBR system relies on a case base that includes a relevant set of past experiences, each stored as a description of a problem paired with the solution to it. To solve a new problem, a case-based reasoner typically first retrieves from the case base the case whose description most closely matches that of the new problem. It then extracts the solution to the case retrieved from the case base, adapts it if necessary, and then adds the new case plus its solution to the case base. Smyth and Keane (1998) argue that the retrieval of the most similar past case may not necessarily yield the one that is best suited to solving a new problem, and that deeper knowledge is required to determine what previous experience is most relevant.

As a conceptual representation of human problem solving, the CBR approach is very attractive. It "remembers" all of its experiences. Unlike rule-based systems, it works well on problem domains that are poorly understood, for which there is only weak domain theory, and that are dynamic over time. A rule-based system provides answers and explains its reasoning by documenting the rules it used. A CBR system provides precedents, and explains it reasoning by citing a precedent. A CBR approach is thus attractive for problem domains, such a legal reasoning, in which human arguments traditionally proceed by citing precedents. A set of cases might be used by a discovery learning system to extract regularities and rules; see Corruble and Ganascia (1997) for an example of machine learning in a medical context. Kohno et al. (1997) combined rule-based and case-based systems, with the user and the CBR system detecting and correcting mistakes made by the rule-based system. Their architecture combines problem solving and knowledge acquisition, with the case-base serving to improve the rules.

CBR has traditionally been applied to static reasoning problems. Ram and Santamaria (1997) proposed an extension of the approach to continuous domains, such as ones in which sensor data is the basis for reasoning. They were interested in robot navigation. Medical problem solving that requires tracking information over time, such as

ventilator management, might also benefit from their formalization. Spyropoulos and Papagounos (1995) evaluate various AI models used in medicine, and discuss their ethical and methodological limitation.

CBR has been used for classification generally, as surveyed by McKenzie and Forsyth (1995). Other CBR applications in classification include Evans and Winter (1995) and Petersen (1997).

To be effective, a CBR system must be able to retrieve the proper past case from its knowledge base and must be able to adapt the retrieved case's solution to the new problem if need be. The adaptation difficulty can be avoided by selecting classification, as opposed to synthetic, tasks, because it is logical to identify a new case with those cases to which it is most similar, so that no adaptation may be necessary. Classification requires recognition of features; synthesis requires the ability to construct an artifact from a specification. Most CBR work focuses on classification tasks, an area in which there are statistical techniques available, such as discriminant analysis, as well as neural network models and tree-induction approaches. In a study comparing CBR, linear discriminant analysis, and neural network models for a medical classification task (Musgrove and Davies, 1995, quoted in Watson, 1998), a CBR model performed better than a neural network did, and the neural network did better than linear discriminant analysis.

While adaptation might be avoidable, retrieval is not. Retrieval of a case from a case base is similar to conventional database retrieval, in that a set of critical features must be defined for each record (case) to be included, and an effective and efficient algorithm for searching the data (case) base when desired, but differs from it in that database retrieval returns exact matches and CBR retrieval seeks to find the nearest match. Case representation, that is, the selection of the characteristics for indexing cases, is a particular difficulty for CBR applications, such as legal opinions or medical records, in which cases use natural language. Representation should be less problematic for applications such as the Consultation Broker, for which the information in a case could be solicited using a menu with no open-ended entries. Note that certain case descriptors may be measured on at least an interval scale, such as age, some on an ordered categorical scale (ASA classification of the

patient), and others on an unordered categorical scale (ICD9 diagnostic code(s), doctor requested for consult, medical center requested for consult).

Retrieval of the most appropriate case from the case base requires a metric that can, at a minimum, for any new case and two past cases, determine which of the two past cases is more similar to the new case. The metric might be a weighted combination of distance measures for each of the descriptors individually, or it might be a multivariate function of the descriptors. For the Consultation Broker, the more difficult descriptors to use in a metric are those measured on an unordered categorical scale. Of the patient descriptors, the ICD9 diagnostic codes are the most important categorical information. The tree structure that underlies the ICD9 taxonomy may provide a natural metric for determining how similar two ICD9 codes are.

4. CONSULTATION BROKER APPROACHES

We identified four distinct approaches to the way in which the Consultation Broker might determine the most desirable match of consultant to requestor. Regardless of the alternative chosen, the Consultation Broker needs the following components to make it operational:

- A list of all potential consultants by name and by specialty;

- A list of sites providing consultation;

- A link to a network manager that indicates what modes of teleconsultation are feasible between a requestor and all consultation sites at the current time, and which will enable the teleconsultation once its participants have been determined;

- An interface to collect relevant information from the requestor, designed to make that information as complete and as internally consistent as possible;

- An interface to present the requestor's information to the consultant in an effective fashion; and

- A time-keeping capability and a time-based event trigger, to monitor the progress of the teleconsultation

and to initiate actions necessary to guarantee that any mutually desired and feasible consultation will actually take place.

The approaches differ primarily in the degree to which the computer system controls the brokering process: (a) the "active broker" alternative, (b) the automatic alternative, (c) the e-board alternative, and (d) the "yellow pages" alternative.

a. The Active Broker Alternative (AB)

This alternative uses the CB solely to relay information from the requestor and about potential consultants to a human, who is neither the requestor nor a potential consultant. That third party makes the assignments, using the data provided by the CB. The "intelligence" in the CB under this alternative is in the selection of information to be presented to the human assigner, and in the way in which that information is presented to the human so as to make the assigner's behavior as efficient and effective as possible. Under the Active Broker alternative (Figure 5), the human in charge of assignments functions somewhat like an air-traffic controller, monitoring and managing the requests for teleconsultation as they are matched up with consultants.

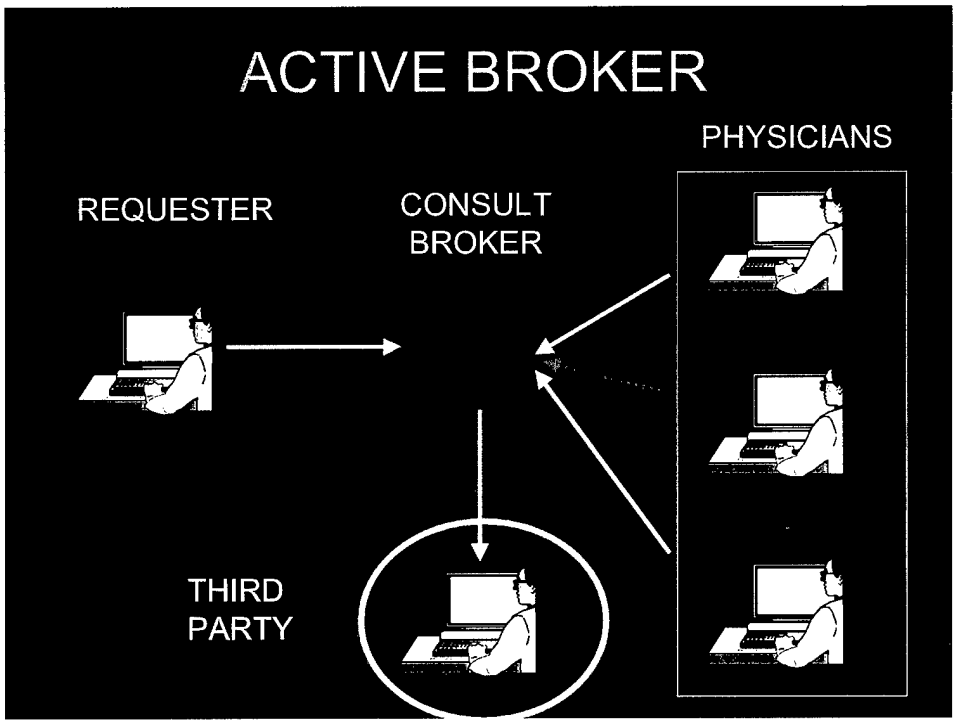

Figure 1

b. The Automatic Alternative (AU)

In the Automatic Alternative (Figure 6), the Consultation Broker behaves in an autocratic fashion, deciding on a match without user intervention. The CB may use one or more methodologies, such as those that use past experience (for example, case-based reasoning), statistical analysis of a database (e.g., classification), or an electronic procedures manual (e.g., rule-based reasoning) as appropriate. Independently of the methodology used, the Automatic Alternative requires as inputs knowledge of:

- detailed profiles of consultants, and a list of consultants available at the time of the consultation,
- detailed profiles of all sites providing service,
- the list of cases requesting consultations,
- a uniform coding of cases, past and present, and
- at least one assignment methodology.

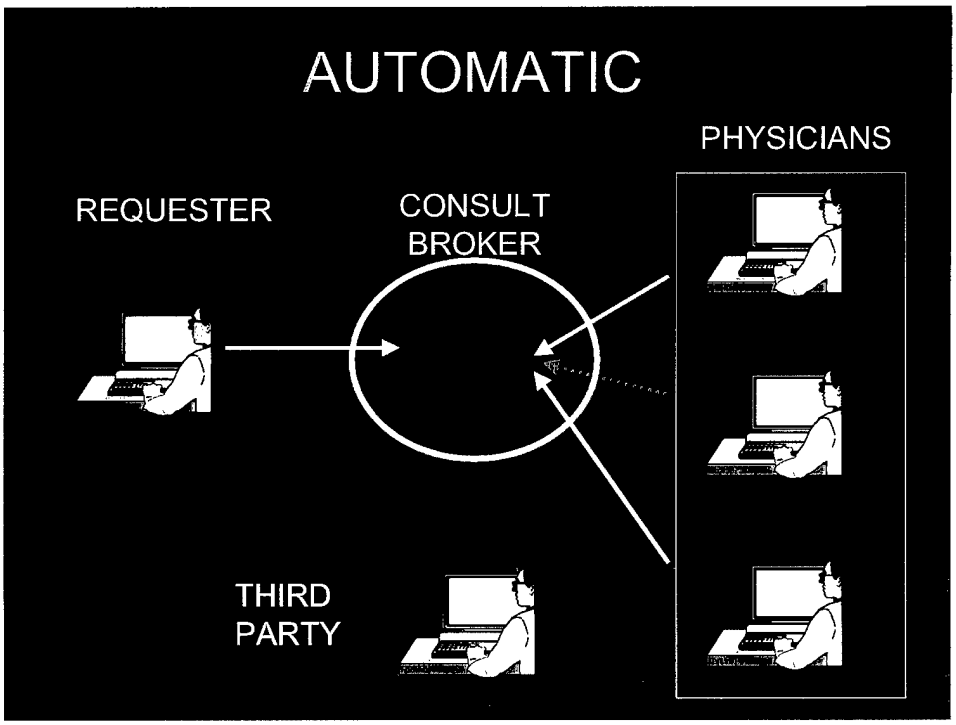

Figure 6

c. The Electronic Board Alternative (EB)

Requests for consults are posted on an electronic bulletin board (Figure 7), and the consultants select the cases in which they want to participate on a first-come-first-served basis. As the requests are posted, the CB alerts all consultants in the requested specialty of the availability of a new case. If a case is not selected by any consultant within a time period that is a function of the urgency of the case, the CB assigns it in an autocratic fashion, as it would in the automatic alternative. Note that the consultants decide on the case assignment in this alternative. The requestor may ask for a particular institution or a particular physician, but it is the respondent who determines if that particular match-up occurs. The CB's role in supporting the matching process is limited to notification to all potential respondents, and provision to them of the information from the requestor so that they can make up their minds. In addition to the functionalities of the automatic alternative, which are needed if no consultant chooses to respond to the request for a consult, to implement the e-board alternative the CB requires that:

- the requests must be disseminated to all provider nodes along with all the data available for the consultation, and

- the blackboard must be kept in real time.

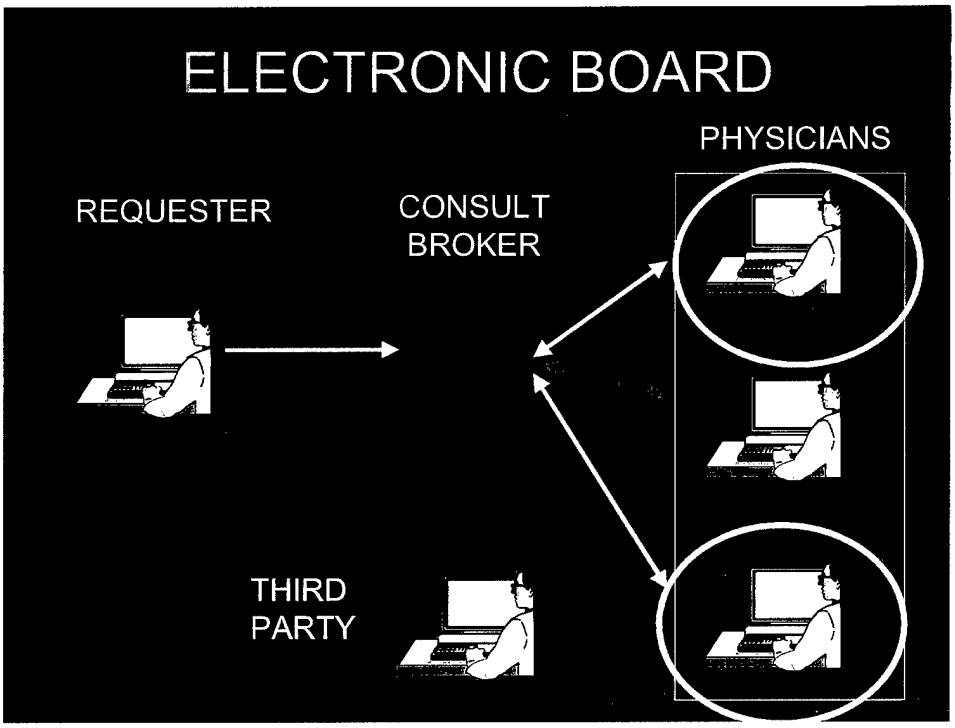

Figure 7

d. The Yellow Pages Alternative (YP)

As opposed to the e-board alternative, in which the consultant is the decision-maker, the "yellow pages" (Figure 8) alternative puts the requestor in charge of selecting the consultant. The CB assists the requestor by supplying a list of available consultants (the "yellow pages" listing) together with background information that might be useful in making a selection (the "yellow pages ads"). As in the e-board alternative, the CB would have to take charge and make a selection of a consultant if the requestor did not do so within an appropriate length of time. The CB must also be capable of making the assignment if the requestor asks the CB to do so. In addition to the functionality of the automatic alternative, and a time-keeping functionality as in the e-board alternative, to implement the "yellow pages" alternative the CB would need:

- detailed profiles of all consultants along with their history of clinical work,

- detailed profiles of all sites providing service, and

- the ability to present the correct subset of the above information to a requestor in real-time in a useful format.

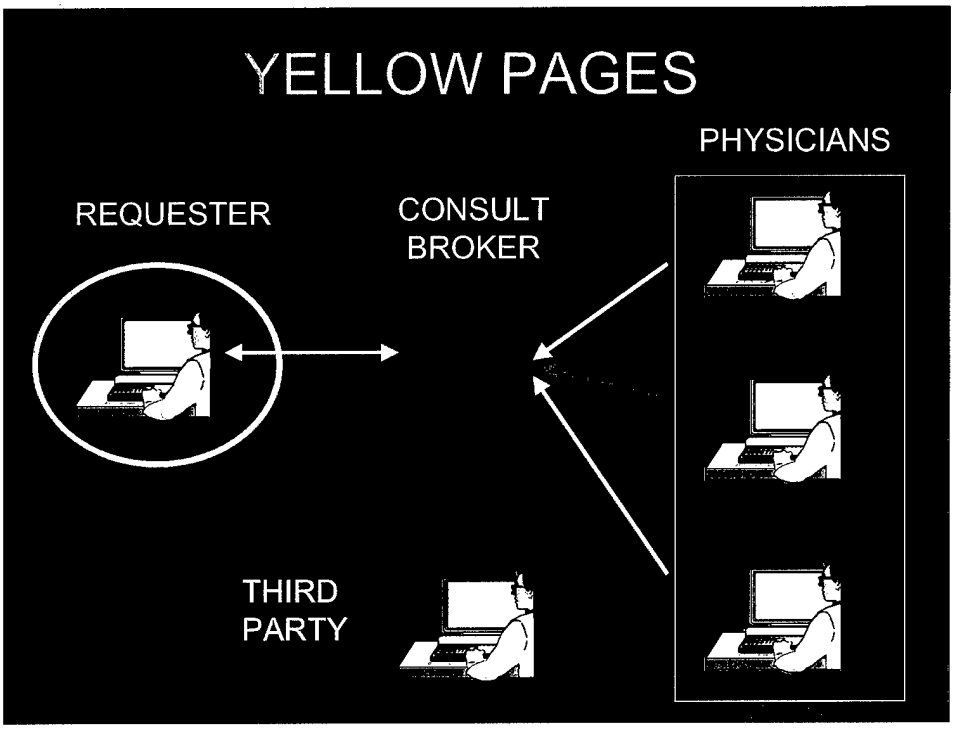

Figure 8

5. AN EXAMPLE USING A TELEDENTAL PROTOTYPE

To illustrate how the GGTS may function when it is eventually fielded, we developed a functional prototype using data from a dentistry communication system (TDENT) currently used by the US Army. Although the Army's TDENT system is purely a store-and-forward e-mail system, the data generated from it contains useful information to model and explore some of the behavior and features of GGTS.

We used objects and classes to represent the information contained in the TDENT records. In the US Army TDENT system, those data are usually electronically introduced using a standard form (Form 513). The fields of the dentistry system contain patient demographic data, patient location, referring physician data and location,

medical data (complaint, history, exam findings, preliminary diagnosis and treatment), specialist/consultant data and location, dental procedure codes (CDTs) and diagnostic codes (ICD9s). For example, the patient in Figure 9 with fictitious first name (fn59) middle initial (E) and last name (ln59) was involved in two prior consultations. Thus, the patient object for FN59 E. LN59 contains links to the previous consultations, c1637 and c1642. Each consultation is an instance of the consultation class.

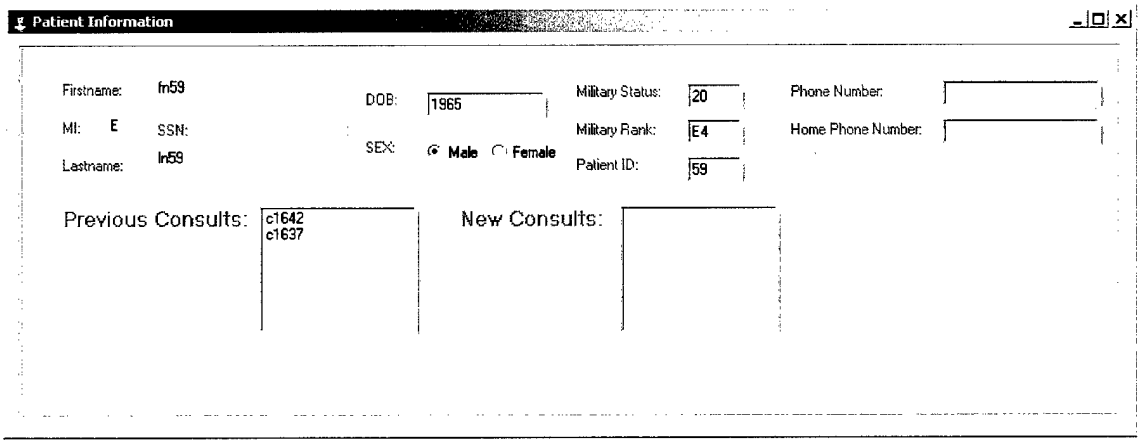

Figure 9. A patient instance

Figure 10 shows the information contained in the structure of consultation c1637. The information in a consultation is divided into three categories:

- patient demographic and medical information, displayed in the upper half of the consultation information dialog in Figure 10,

- specialty, diagnostic and procedural codes displayed in the lower left, and

- specialist/consultant information such as diagnosis, suggested treatment, and specialist demographic data and location, displayed in the bottom right panel.

Every consultation (known as an encounter in the medical arena) creates an object with the information displayed in Figure 10. Dental images could be attached to the patient record if desired.

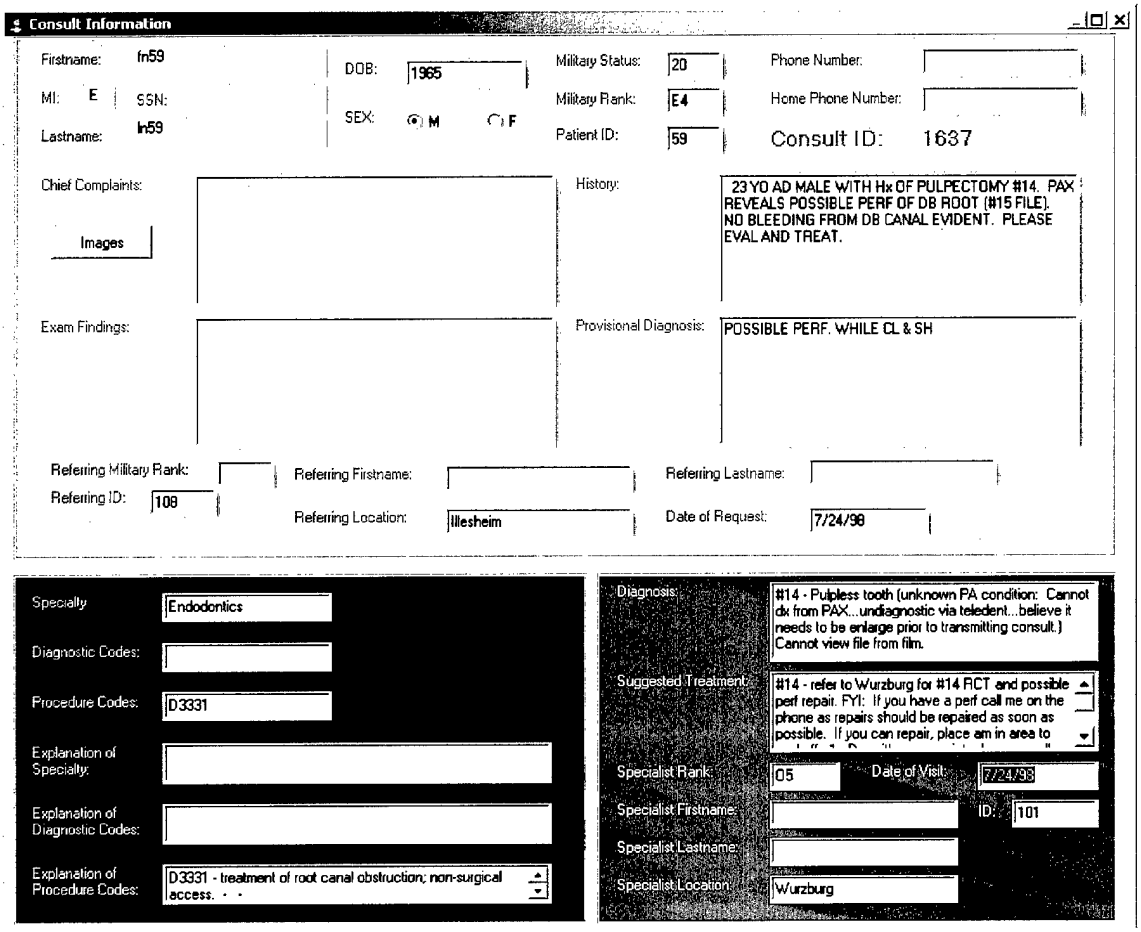

Figure 10. Details of a consultation instance

Each specialist, meaning a potential consultant, belongs to the class "doctor" which contains information about the specialist's demographic information (location, unit to which assigned, if appropriate) and involvement with prior consults in the data base (past consults, procedures (CDTs) and problems (ICD9s) addressed in those consultations). Figure 11 is an example of a doctor with ID# 101.

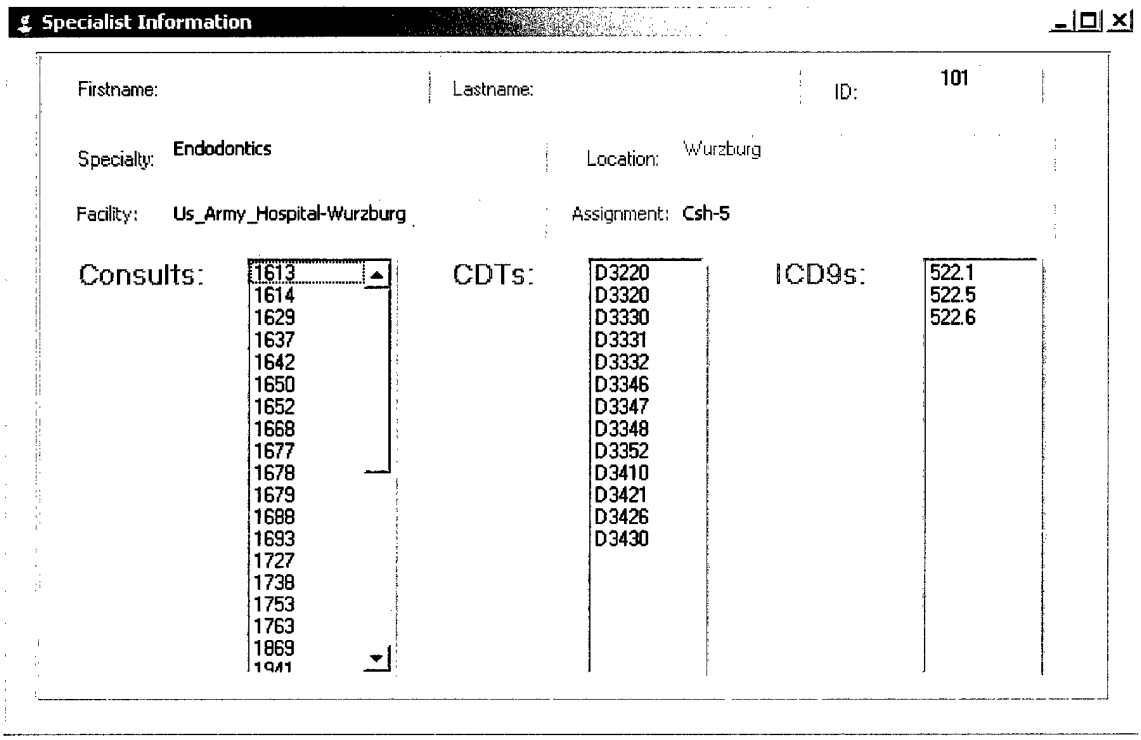

Figure 11. An example of a consultant

Doctor 101 is an endodontist who is assigned to (the hypothetical) unit combat hospital Csh-5. Note, from Figure 11, that Doctor 101 is the person who handled consultation c1637. "Unit" is also the name of a class, and each actual unit is an instance of it. The information represented in the instance for Csh-5 is shown in Figure 12. Csh-5 is a deployable unit, so that it and/or Doctor 101 might not always be associated with the same brick-and-mortar facility. As shown in Figure 12, Csh-5 is currently located at the U.S. Army hospital in Wurzburg, Germany.

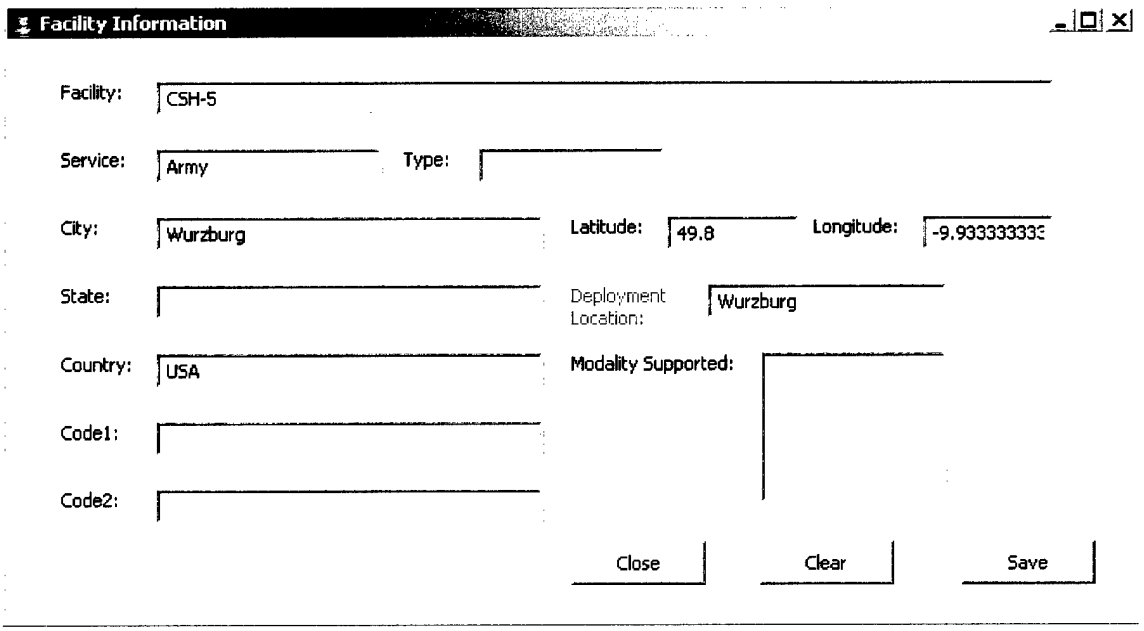

Figure 12. An example of a unit

Facilities are also represented as objects because we need to know things about them in order for the Consult Broker to be able to support decision-making. Each actual facility is an instance of the "facility" class, and includes information such as its geographical location (longitude and latitude), its type (clinic, hospital, and so on), and the type of teleconsultation modalities it can support. Figure 5 shows the data for a hypothetical hospital at Wurzburg. The modality information shown in Figure 13 is for illustrative purposes only, and we do not claim that it describes the capability of the actual U.S. Army hospital in Wurzburg. Other than latitude and longitude, the information about the specific facility is not accurate and it is only used for the purpose of illustration. A similar object exists for the facility to which the consultant is assigned in case of combat.

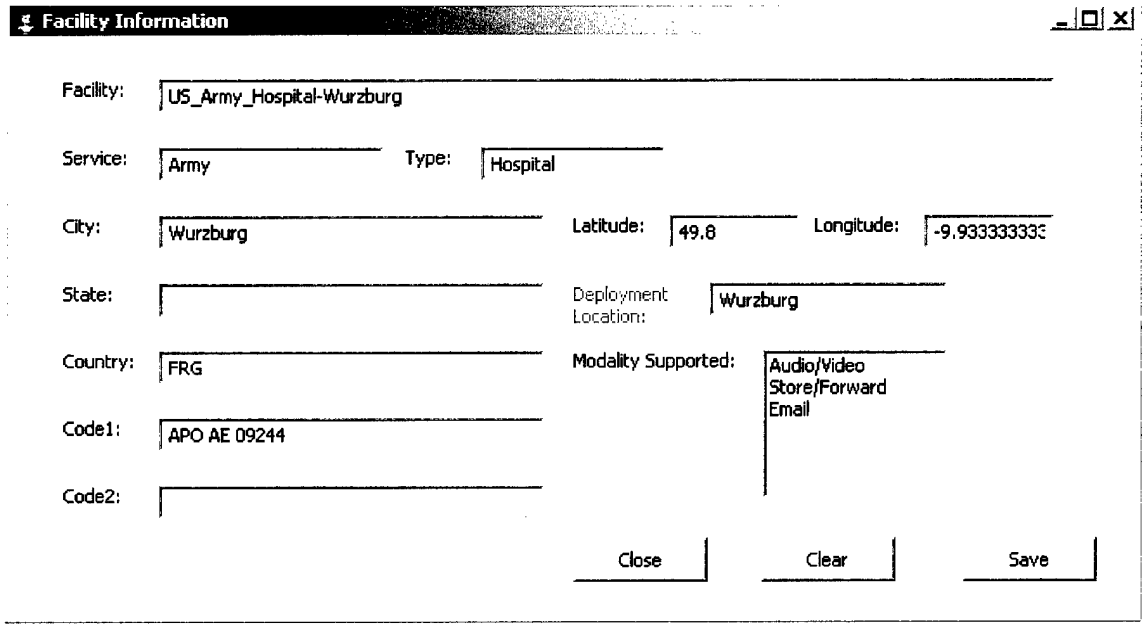

Figure 13. An example of a medical facility

The simplest type of support provided by the Consultation Broker is for it to function as a database lookup system, similar to a yellow pages directory. In such a case, the requestor chooses the "heading" under which to "look up" doctors, and uses to system to identify potential consultants, ordered either by their proximity or by their experience. The Broker doesn't try to comprehend the nature of the medical problem, but does collect the Form 513 information provided by the requestor so as to help facilitate the consultation process. Figure 14 shows an (rendered appropriately anonymous) example from the TDENT system. In Figure 14, the requestor asked for Oral Surgeon without specifying any likely procedural codes. The Broker, in Figure 15, offers a list of available consultants, where "consultant" in this case means anyone listed as being an oral surgeon. The list of oral surgeons in Figure 15 is sorted in order of increasing (great circle) current distance from the requestor's location. Because the Broker's knowledge base includes information about where consultant's units are currently located, it adjusts the proximity list if consultants are deployed away from their default locations. The user could have asked, instead, for the list to be sorted by the number of prior consults in the database. If the requestor had specified procedural codes, the lists returned by the Broker would be limited to specialists with experience in exactly those codes (if there is such data in the knowledge base) or from

those with experience in the most similar codes (if there are no exact matches in the knowledge base).

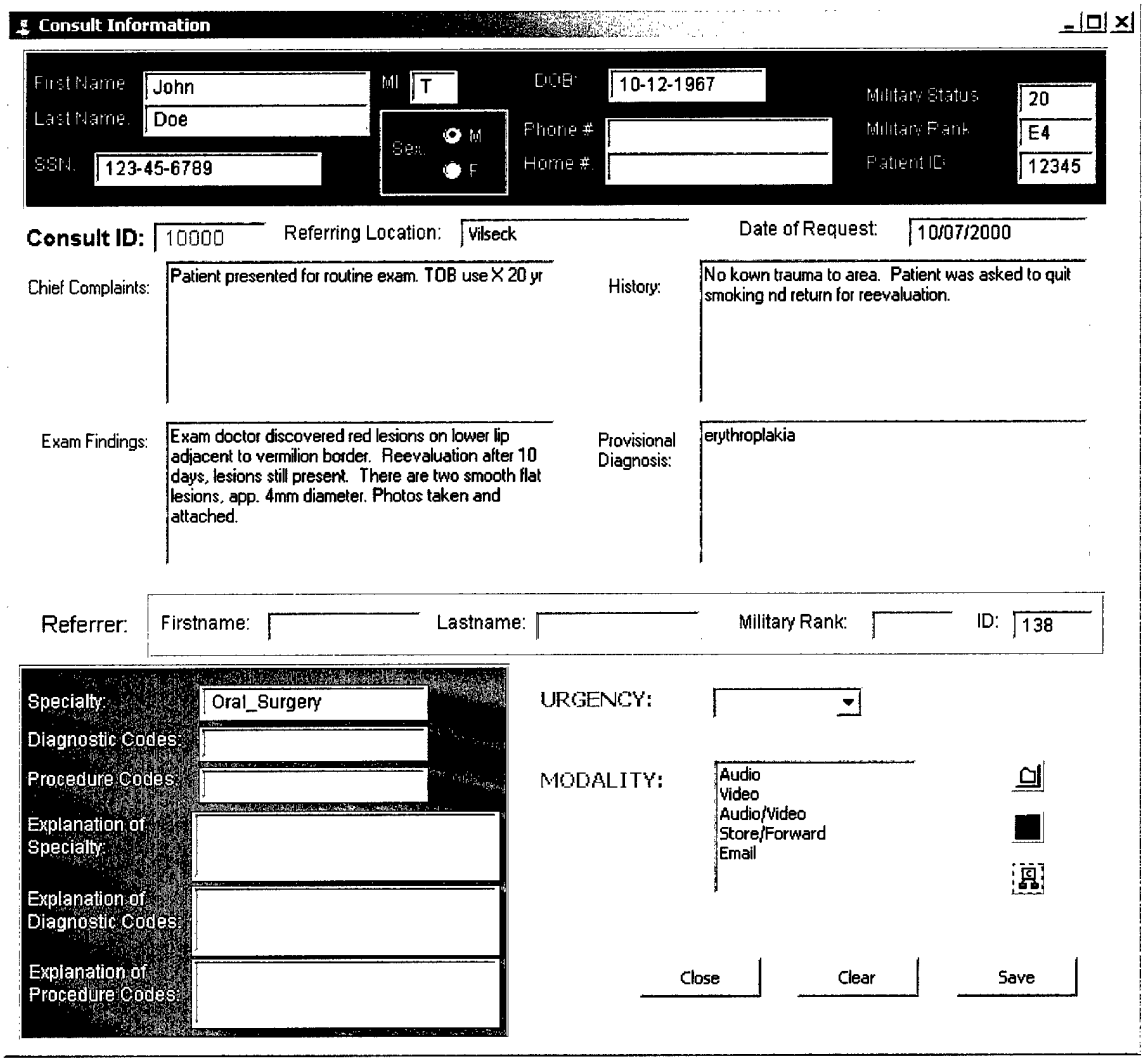

Figure 14. A user request for an Oral Surgeon

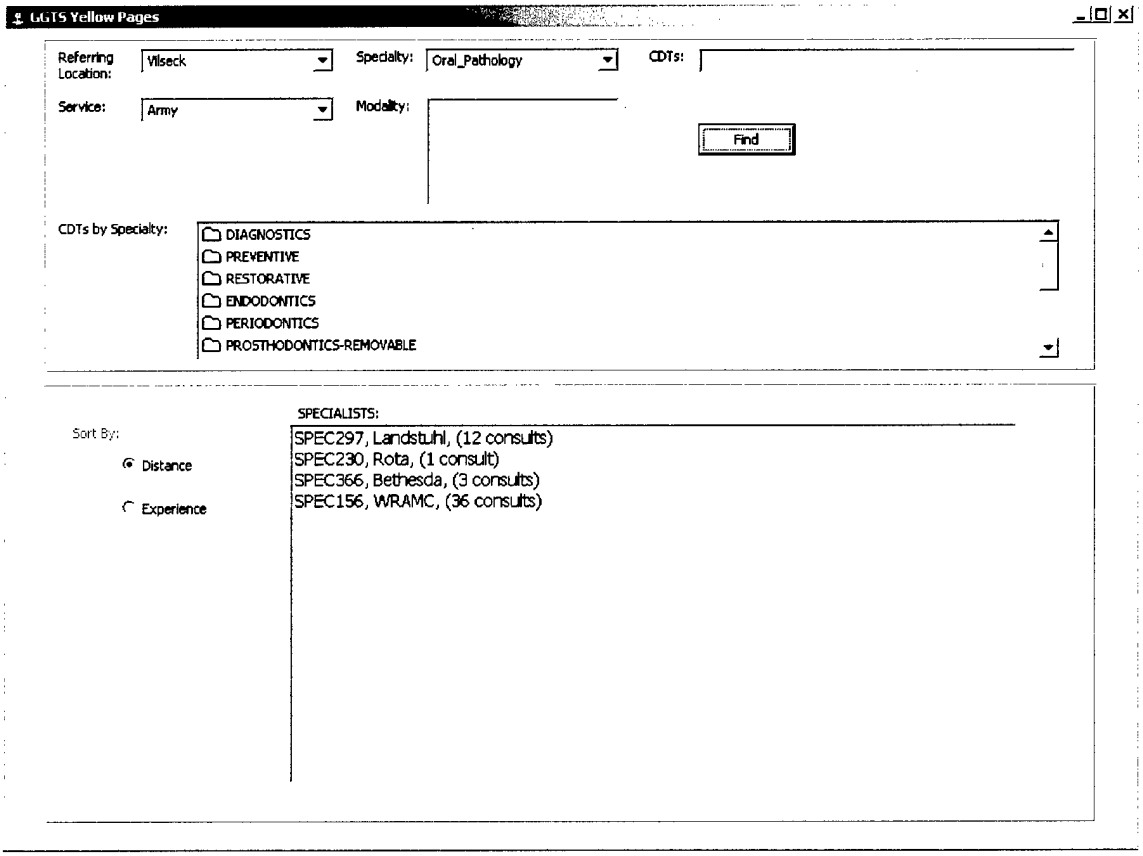

Figure 15. Broker response to a request for an Oral Surgeon, Yellow Pages alternative.

Recall that in Yellow Pages mode, the requestor is the decision-maker. The Broker presents its relevant knowledge to the requestor, and waits for the requestor to choose a consultant. Once the requestor does so, the Broker hands off the request to the system components that manage the requestor-consultant interaction. If the Broker is to make the decision, as it would in the Automatic Mode, it works its way down the list of specialists in conformity with organizational rules and preferences. If a human third party, neither the requestor nor the consultants, is to make the decision, in Active Broker mode, the Consultation Broker presents its lists to that human, and waits for that human's decision. Finally, in Electronic Board mode, the consultants are the decision-makers, so the Consultation Broker would post the Form 513 information to all relevant potential consultants and await a response from them.

6. EVALUATION OF ALTERNATIVES

Independently of the methodology used to assign/select a consultant in a case, it is still necessary to decide which is the configuration of the Consultation Broker. As mentioned earlier, we identified four alternative configurations:

- Automatic (AU),
- Electronic board (EB),
- Yellow pages (YP), and
- Active broker (AB).

As in the majority of real life situations, making a decision about the configuration of the Consultation Broker involves not just tangible benefits and/or costs but also intangibles which need to be included in the decision making process. The measurement of intangibles was not possible until a few years ago when Saaty (1977, 1986) developed the Analytic Hierarchy Process (AHP). This theory is based on the use of relative measurement to construct ratio scales, which can be combined in hierarchic structures to yield nonlinear approximations. The theory is based on three principles: decomposition (construction of a hierarchy or network of interactions), measurement (development of ratio scales) and synthesis (hierarchic or network composition. This theory requires expert knowledge to develop the decision making structure (i.e., the hierarchy) and to assess the relative importance/contribution of the criteria and the alternatives (i.e., ratio scales from pairwise comparisons). As an illustration of how the alternatives could be evaluated, we give below (Figure 1) a simple hierarchy of objectives, criteria and alternatives that could be used by a group of experts to evaluate the four alternatives. It is important to note that this theory does not have the same shortcomings as some other theories such as utility theory or outranking methods. The AHP allows for intransitivities of the decision-makers and hence, the logic behind it must be non-monotonic which allows for new facts not necessarily consistent with all other existing facts at the time of a decision.

The selection of an alternative could consider the following four objectives:

- Optimal utilization of resources
- Maximum accessibility of service,
- Quality of care, and
- Readiness.

These objectives could in turn be decomposed as in Figure 16. Below the level of objectives we should insert a set of criteria which will help to measure the contribution of the alternatives to the attainment of the objectives.

To evaluate the four alternative configurations we first need to assess the importance of the objectives, then the importance of the criteria with respect to each objective and finally the relative importance of the alternative configurations with respect to each criterion. The results of these comparisons can then be combined into a unidimensional scale which will indicate, in relative terms, the importance of the alternative according to all the objectives and criteria. This evaluation requires knowledge and experience on the alternative configurations, which is not yet readily available. It is the subject of future research. We propose to select four cases to illustrate the four configurations and show their weaknesses and strengths. A good example of a case similar to this one was summarized in Vlhakis and Partridge (1989). This publication is a summary of a larger study conducted by the U.S. Department of Energy and the Office of the Inspector General to determine the adequacy of security at selected U.S. Department of Energy facilities that produce nuclear weapons. The AHP provided a flexible tool for assessment, planning, and allocation of resources for enhanced security.

Note that to obtain a synthesized scale for the configurations we would need to combine the individual scales obtained under each criterion (see for example Table 1).

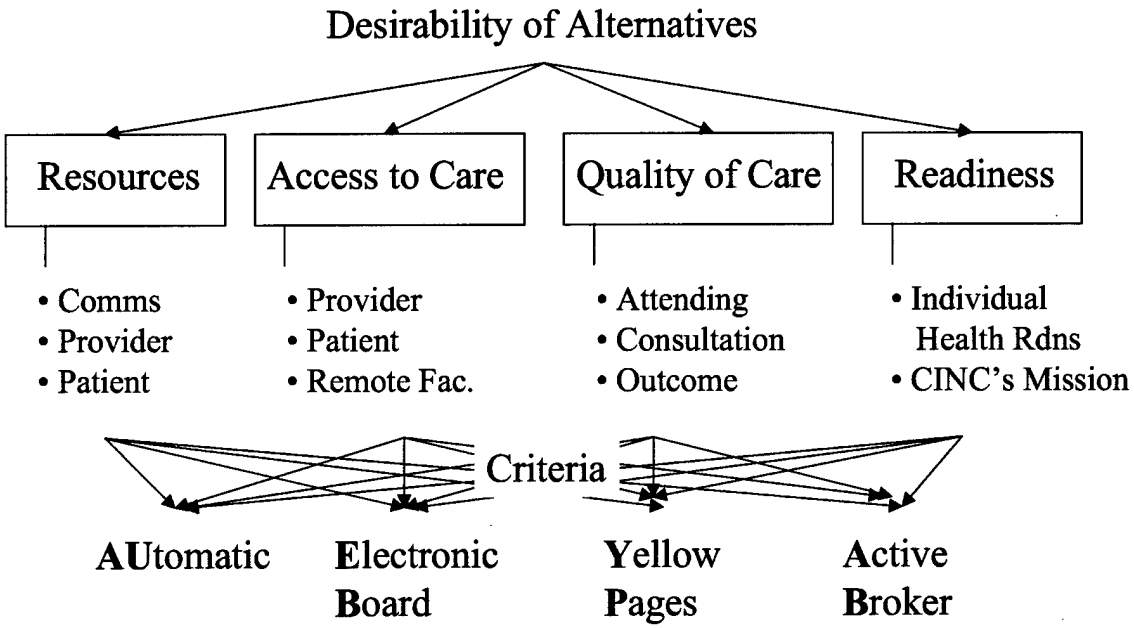

Figure 16. Consultation Broker Alternatives Hierarchy

Table 1: Reasoning Methodology Rating Matrix

Rating Criteria	**Use of Resources** (u1, u2, u3)			**Contribution to Access to Care** (a1, a2, a3)			**Contribution to Quality of Care** (c1, c2, c3)				**Contribution to Readiness** (r1, r2))		
	Comms	Provdr Spt		Provdr	Patnt	Remote	Attending	Consultation		Outcome	Indiv.	Health Rdns	CINC's Mission
								Facility		Physician			
Automatic (no human involved)	u11	u12	u13	a11	a12	a13	c11	c12	c13		r11	r12	
Electronic Board (consultant involved)	u21	u22	u23	a21	a22	a23	c21	c22	c23		r21	r22	
Yellow Pages (requestor involved)	u31	u32	u33	a31	a32	a33	c31	c32	c33		r31	r32	
Active Broker (3rd party broker involved)		u41	u42	u43	a41	a42	a43	c41	c42	c43	r41		r42

Using the principle of hierarchic composition, the relative standing of the configurations would be given by the configuration priority (CP):

$$CP(i) = \underbrace{\sum_{j=1}^{3} u_{ij}u_j}_{\text{Resources}} + \underbrace{\sum_{j=1}^{3} a_{ij}a_j}_{\text{Accessibility}} + \underbrace{\sum_{j=1}^{3} c_{ij}c_j}_{\text{Quality}} + \underbrace{\sum_{j=1}^{2} r_{ij}r_j}_{\text{Readiness}}$$

7. CONCLUSIONS

In this paper we describe a global telemedicine command and control system (GGTS) under development that will enable telemedical consultations to occur anywhere in the world, regardless of location or transportation medium. The GGTS consists of four distinct functional nodes: Field, Requestor, Broker and Provider. Each one of these nodes provides a specific interface to the communications network that supports medical operations across the Operational Continuum. This paper concentrates on the Consultation Broker (CB) component, which is operationalized using Artificial Intelligence methodologies such as case-based reasoning and classification theory. The CB is an object oriented global teleconsultation system designed to route incoming requests for consultation to the appropriate "on duty" medical personnel. It may adopt one of four alternative architectures described: automatic, active broker, yellow pages and electronic board. We illustrate the data structures used in the CB and how these architectures would handle different teleconsultations with data from a US Army Teledentistry system in operation.

Many of the concepts embedded in the Consult Broker are new, and hence they are evolving as data become available. In general, there are "common sense" specifications that we would like the alternative configurations to satisfy. These requirements will be refined once working prototypes of the configurations are available. In general, the Consultation Broker architecture should:

(1) Be a virtual link between healthcare providers and medical centers for 24/7 Telemedicine Consultations.

(2) Leverage existing and available military telecommunication infrastructure backed up by civilian

networks to provide remote military health care providers with Telemedicine access to consulting physicians at medical centers.

- System must function with humans to enhance their efficiency

(3) Provide centralized transparent network management and consult routing with knowledge-based system technology.

- Dynamic and flexible
- Deal with uncertainty
- Adjust to change
- Similar to telecommunications routing system for phone calls

(4) Have mirrored capability for Consult Broker Architecture to ensure that if the initial consultation broker drops off-line, the consult in progress is maintained and new consultations are rerouted to the alternative site.

(5) Be sensitive to requirements of all potential customers, who include, at a minimum, the patient, the primary care giver, the Physician at the GGTS control center and, the Consulting Physician at the Medical Center.

(6) Be able to be responsive to and incorporate current and future policy decisions.

(7) Be continuously aware, along with Network and Bandwidth managers, of the state of physical resources and be able to respond to unexpected changes in the availability of those resources.

(8) Be able to recognize the criticality of the request (life threatening) and have a time management capability to clear requests and/or upgrade previous requests after an elapse of time.

(9) Remain in standby mode until initiated, making it the triggering mechanism of the GGTS architecture.

(10) Once initiated, evaluate consults predicated upon:

- Patient Information to include initial diagnosis and criticality

- Attending Primary Care Giver requirements
- Knowledge of physician based protocols
- Network and Bandwidth resource availability
- Operational Policies

(11) Provide a medical decision maker with a list of prioritized options with whom to initiate the consult.

(12) Augment its knowledge base with the results of completed consult case information.

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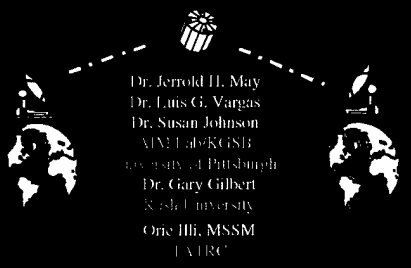
Appendix 2:

May, Vargas, Johnson, Gilbert, and Illi, "Global Grid Telemedicine System," presented at ATA Fourth Annual Meeting, Salt Lake City, Utah, 1999

1.

Global Grid Telemedicine System (GGTS)



Dr. Jerrold H. May
Dr. Luis G. Vargas
Dr. Susan Johnson
AIM Lab/KGSB
University of Pittsburgh
Dr. Gary Gilbert
Kent State University
Orin Illi, MSSM
TATRC

2.

What is GGTS?

The Global Grid Telemedicine System (GGTS) is a proposed Global Telemedicine Command and Control System (Zajtchuk and Zajtchuk, 1996) that will enable telemedical consultations to occur anywhere in the world, regardless of location or transportation medium.

3.

WHY IS GGTS NEEDED?

- Historically, the military medical community has had limited access to tactical and strategic communication systems. Increased use of telemedicine has previously resulted in the employment of expensive, stove-piped communications. As global telemedicine operations are incorporated into doctrine, the need for a reliable, scalable, rapidly adaptable virtual network is becoming apparent.

4.

WHY IS GGTS NEEDED?

- ...a communications network alone is not adequate. A consult routing system which considers Command guidance, availability of resources, physicians' preferences, and medically sound consultation practices is essential to effectively route telemedicine consultations to the appropriate consultant.

5.

BOSNIA EXPERIENCE

- "...providing a reliable back-bone communications infrastructure is not enough. More flexible and responsive network management and prioritization policies and procedures as well as end-to-end systems integration services and support are also essential."
  - Telemedicine Report: Case Study of Operation Joint Endeavor in Bosnia

6.

GGTS Concepts

- Provide centralized transparent network management and consult routing with intelligent decision support system technology.
- Leverage existing and available military telecommunication infrastructure backed up by civilian networks to provide remote military health care providers with Telemedicine access to USA-based medical centers.
- **Consultation Broker Server and Network Manager do not have to be co-located but must be integrated.**

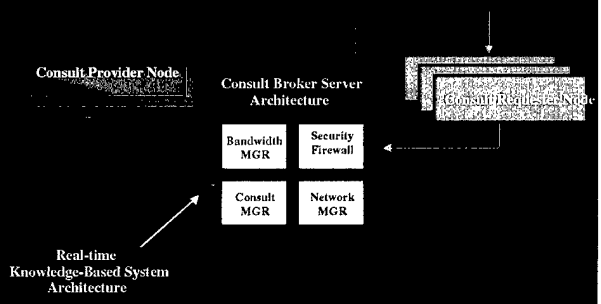
7.

What Knowledge Does GGTS Need?

- A list of potential consultants
- A list of sites providing consultation
- A link to a network manager with feasible modes of consultation
- An interface to collect relevant information from the requestor
- *A time keeping capability* and
- A time-based event trigger

8.

GGTS Proposed System Components



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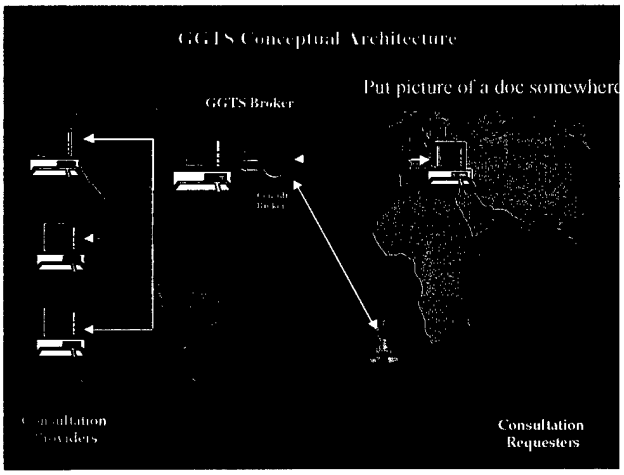


10.

What Information is Needed for a GGTS Tele-medical Consultation?

- Modality (e.g., audio, real-time full motion, store-and-forward)
- Patient demographic data (e.g., name, date, location, age)
- Consultation specific data (e.g., requesting physician's specialty, *consultation urgency*, subspecialties requested, type of equipment used or available, history of present illness, and *current differential diagnosis*).

11.

WHAT IS CASE-BASED REASONING?

CBR is [...] reasoning by remembering.

Leake, 1996

A case-based reasoner solves new problems by adapting solutions that were used to solve old problems.

Riesbeck & Schank, 1989

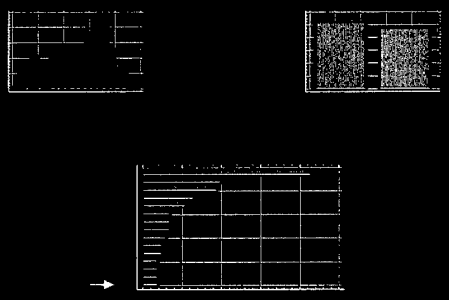
12.

Patient Case Base

Patient demographics		
Name	Patient-1	Patient-2
Date	04/01/1999	04/01/1999
Location	Bosnia	Somalia
Age	21	34
Consult specific data		
Requester's specialty	Dermatology	Orthopedics
Urgency	4	2
Specialty requested	Maxillofacial surgery	Internal medicine
Primary ICD9 code	802.8	276
Consultation record		
Modality	Full-motion video	Audio
Consultant	Doc-8526	Doc-1319

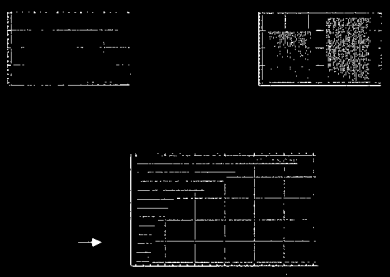
13.

Knowledge base entry for Doc-5991



14.

Knowledge base entry for Doc-8526



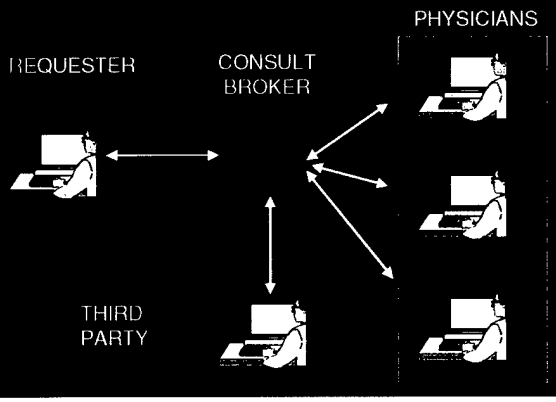
15.

Consultation Request

Patient demographics	
Name	Patient X
Date	04/20/1999
Location	Saudi Arabia
Age	25
Consult specific data	
Requester's specialty	Internal Medicine
Urgency	4
Specialty requested	Maxillofacial surgery
Primary ICD9 code	802.8
Consultation record	
Modality	AV
Consultant	

16.

EXAMPLE TELEMEDICAL ENVIRONMENT

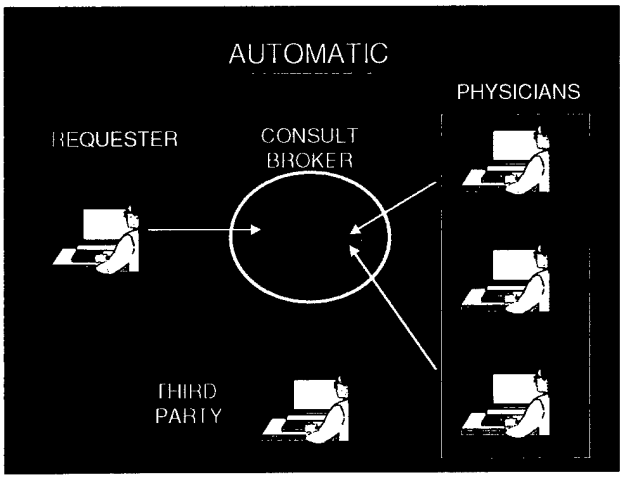


17.

GGTS Alternative Configurations

- Automatic (AU)
- Active Broker (AB)
- Electronic Board (EB)
- Yellow Pages (YP)

18.



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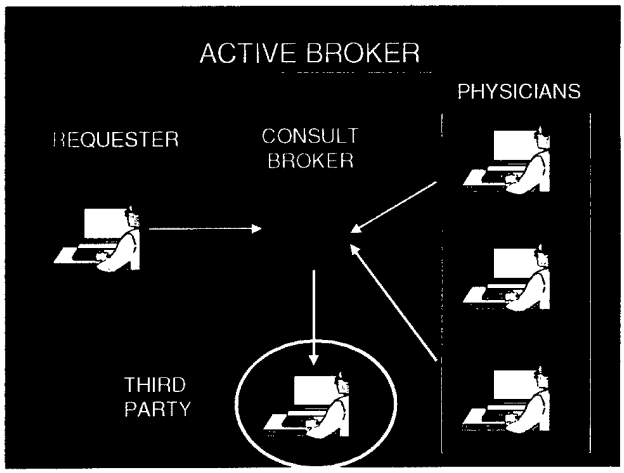

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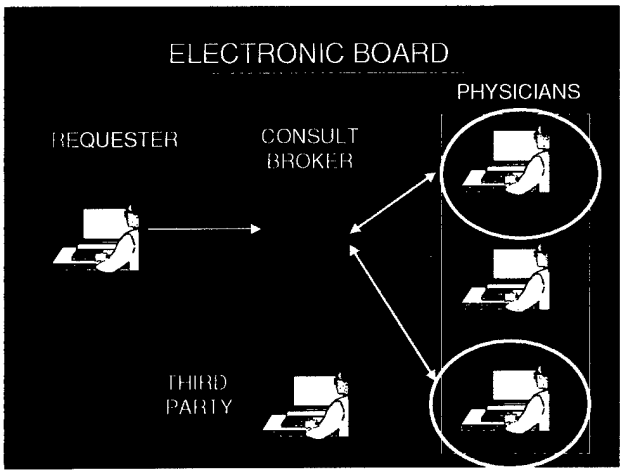

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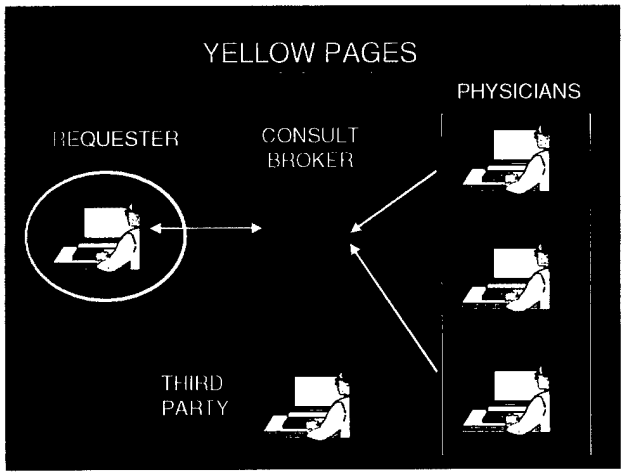


22.

Criteria for Selecting the Best Configuration Alternative

- Optimal utilization of resources
- Maximum accessibility of service,
- Quality of care, and
- Readiness.

23.

Evaluation of Alternative Configurations

Desirability of Alternatives

Resources | Access to Care | Quality of Care | Readiness

- Comms
- Provider
- Patient
- Patient
- Remote Fac
- Attending
- Consultation
- Outcome
- Individual
- Health Rdns
- CINC's Mission

AUtomatic | Electronic Board | Yellow Pages | Active Broker

24.

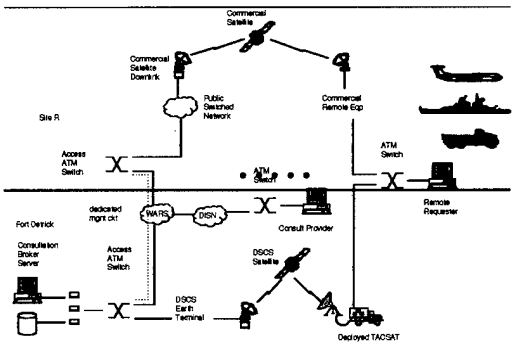
BACKUP SLIDES

25.

PACOM Medical Bandwidth Study

26.

GGTS Concept



27.

Conclusions of GGTS Feasibility Study

- **Military bandwidth used on space available basis backed up by commercial bandwidth is most feasible solution.**
- *ATM is recommended network protocol*
- *GGTS requires dynamic and transparent bandwidth allocation between and among military and commercial communication systems*
- **GGTS requires multi-level network security .**
- *Consult Broker requires multiple reasoning and knowledge representation schemes.*
- *It is Technically feasible to leverage the existing robust telecommunications infrastructure at Site-R and/or Fort Detrick for providing cost effective, variable bandwidth network support for world-wide Telemedicine consultations*

28.

Automatic Alternative

- DM: Computational Model
- ROLE of CB: Assignment of consultant to requester w/o human intervention
- OBJECTIVE: Enforce managerial constraints
- CONS: Autocratic, depends on assignment methodology
- INPUTS:
  - profiles of consultants & sites
  - list of consultants available,
  - list of RFCs,
  - an assignment methodology.

29.

The Active Broker

- DM: Third party human
- ROLE of CB: Intelligently support DM
- OBJECTIVE: Make the assigner's behavior as efficient as possible.
- CONS: Assigner stress
- INPUTS:
  - profiles of consultants & sites,
  - list of RFCs,
  - audit trail capability

30.

Electronic Board

- DM: Consultants
- ROLE of CB: Route requests to proper consultants
- OBJECTIVE: Make requests available to the right people & make sure a consult happens
- CONS: "Best" consultant not guaranteed
- INPUTS:
  - list of RFCs,
  - routing model,
  - real-time blackboard
  - assignment methodology

31.

Yellow Pages

- DM: Requester
- ROLE of CB: Route proper consultant info to requester
- OBJECTIVE: Make right consultants available to requester & make sure a consult happens
- CONS: "Best" consultant not guaranteed
- INPUTS:
  - profiles of consultants and sites,
  - selection model
  - real-time blackboard
  - assignment methodology

32.

Methodologies

- Case-based Reasoning

A case-based reasoner solves new problems *by **adapting solutions that were used to solve old problems**...Case-based reasoning means reasoning from prior examples.*" (Riesbeck and Schank, 1989, page 25).

- Rule Systems
- Classification theory
  - Statistical classifiers
  - Neural Nets
  - Machine Learning

Appendix 3:

May, Vargas, Gilbert, Illi, Rocca, and Jacobs, "GGTS Consult Broker," presented at the ATA Fifth Annual Meeting, Phoenix, Arizona, 2000

1.

GGTS Consult Broker

Jerrold H. May, University of Pittsburgh
Luis G. Vargas, University of Pittsburgh
Gary R. Gilbert, University of Pittsburgh & TATRC
Orlando J. Illi, U.S. Army MC4 Program
Mitra A. Rocca, University of Pittsburgh & TATRC
William G. Jacobs, University of Pittsburgh

ATA Phoenix, 23 May 2000

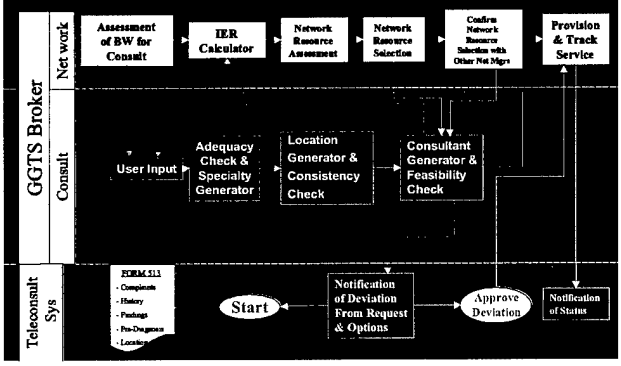
2.

Structure of this merged talk

- Why are we doing this?
- Last year / this year
- A flow chart for the Consult Broker
- The Consultant Generator & interfaces
- 6 examples from a Tdent prototype
- A naive classifier
- Where do we want to be next year?

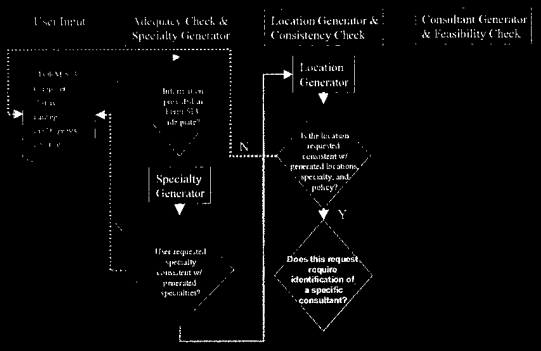
3.

Overview of GGTS Broker Process for Teleconsulting Services



4.

GGTS CONSULT BROKER FUNCTIONS



5.

Goals of this project

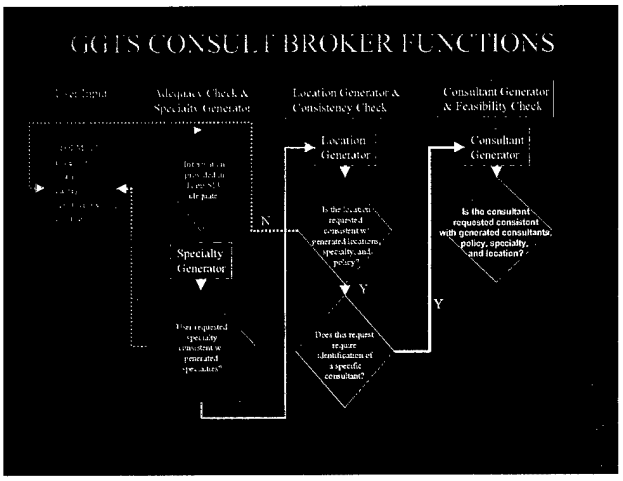
- **System** - to make the management of teleconsultations more efficient and more effective
- **Research** - to learn how case based reasoning can be combined with management science techniques in decision support

6.

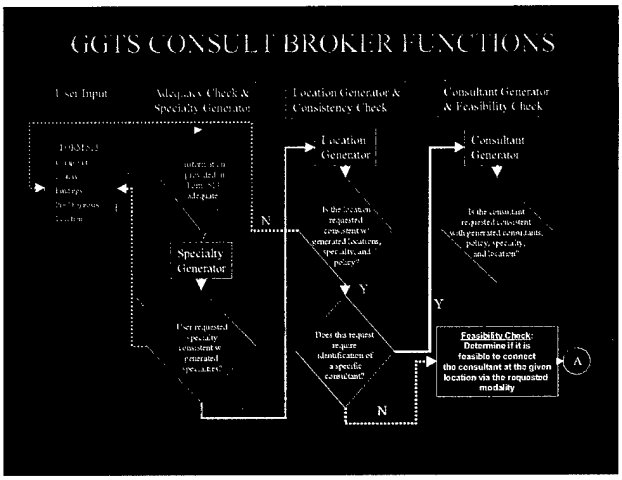
Last year / this year

- **Last year**: defined the scope of the problem, figured out four interface modes, and identified probable methodologies
- **This year**: worked on a teledental (Tdent) prototype using real data to see what actually works

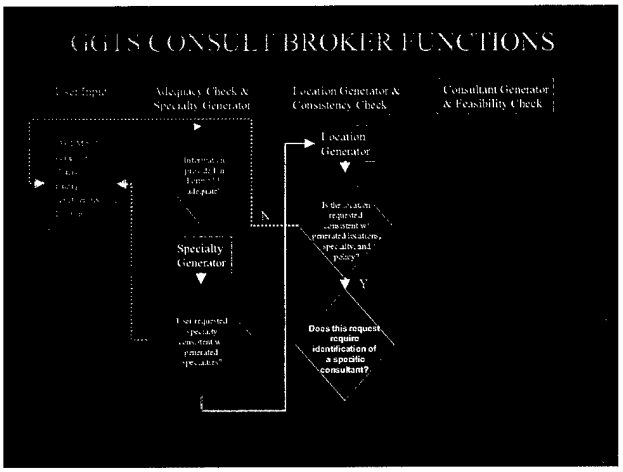
7.


GGTS CONSULT BROKER FUNCTIONS
User Input
Adequacy Check & Specialty Generator
Location Generator & Consistency Check
Consultant Generator & Feasibility Check
Location Generator
Consultant Generator
Specialty Generator
N
Y
Is the consultant requested consistent with generated consultants, policy, specialty, and location?
Does this request require identification of a specific consultant?

8.


GGTS CONSULT BROKER FUNCTIONS
User Input
Adequacy Check & Specialty Generator
Location Generator & Consistency Check
Consultant Generator & Feasibility Check
Location Generator
Consultant Generator
Specialty Generator
N
Y
Does this request require identification of a specific consultant?
Feasibility Check: Determine if it is feasible to connect the consultant at the given location via the requested modality
A

9.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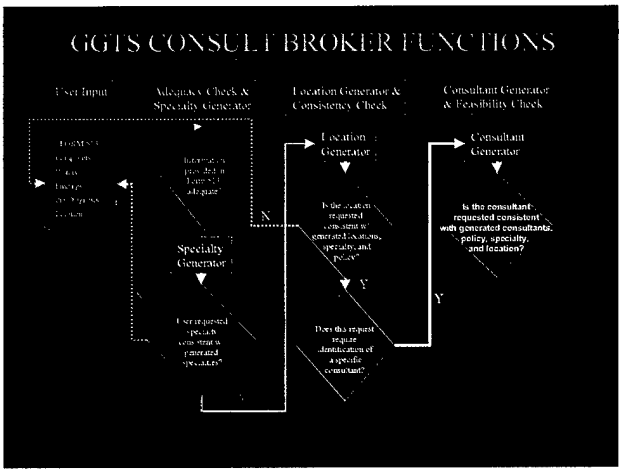
Consultant Generator & Feasibility Check
Location Generator
Specialty Generator
N
Y
Does this request require identification of a specific consultant?

10.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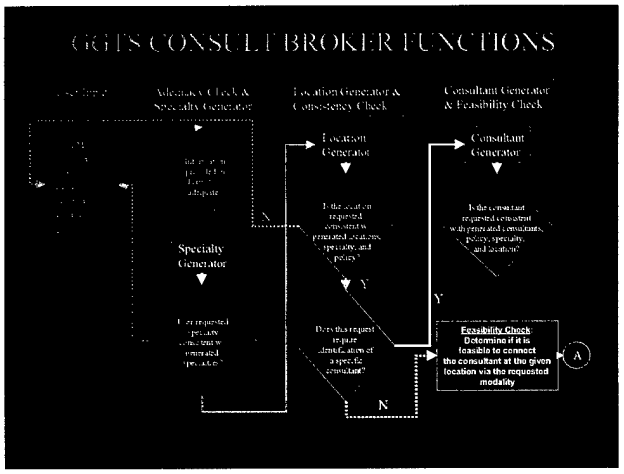
11.


GGTS CONSULT BROKER FUNCTIONS
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Specialty Generator
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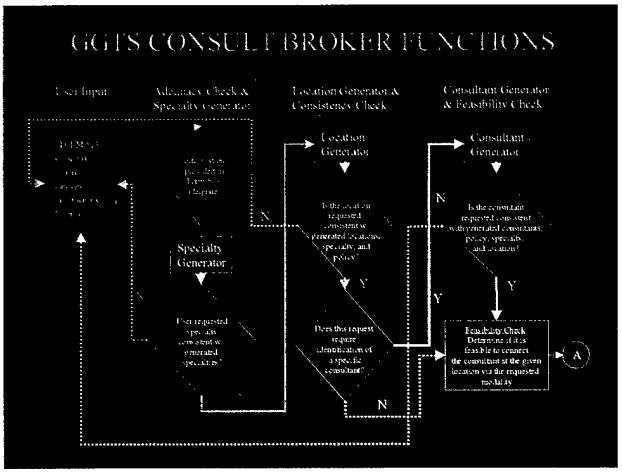
A

12.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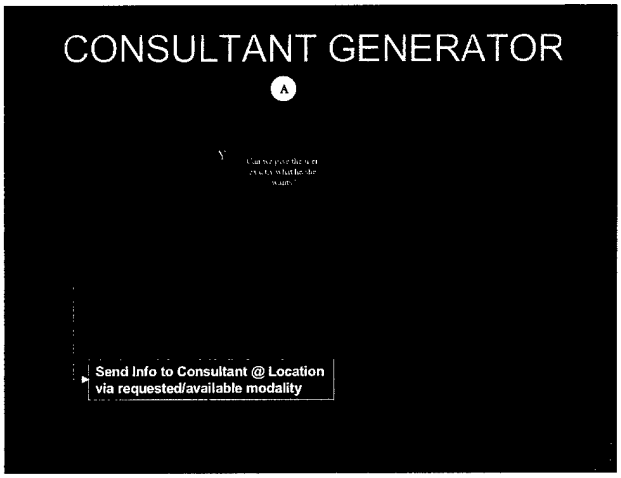
Location Generator & Consistency Check
Consultant Generator & Feasibility Check
Location Generator
Consultant Generator
Specialty Generator
N
Y
Feasibility Check: Determine if it is feasible to connect the consultant at the given location via the requested modality
A

13.

14.



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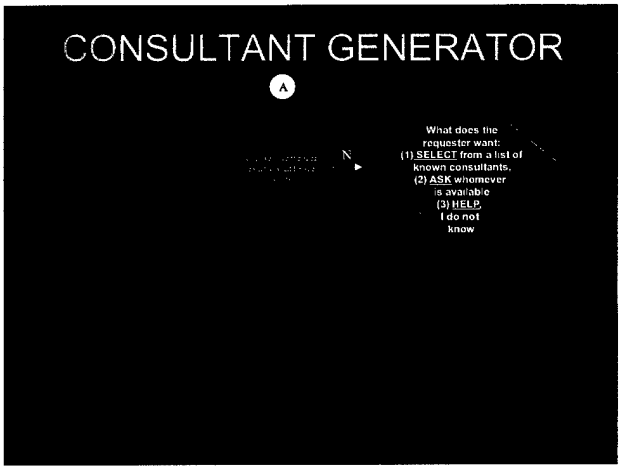

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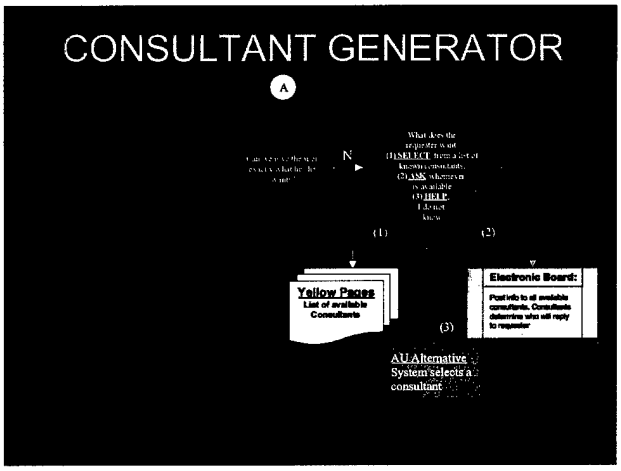

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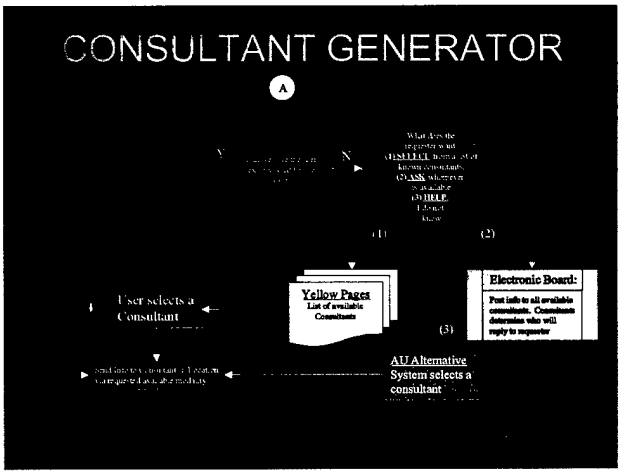


18.

Types of Teleconsultations

- **Type 1:** Requester will <u>almost certainly refer</u> patient; purpose is administrative; precise medical problem not critical
- **Type 2:** Requester will <u>almost certainly retain</u> patient; purpose is medical; specified problem very likely to be accurate
- **Type 3:** Requester will <u>retain patient if routine</u>; specified problem may be only approximate

19.

Examples from a system based on records of the Army's TDENT system

20.

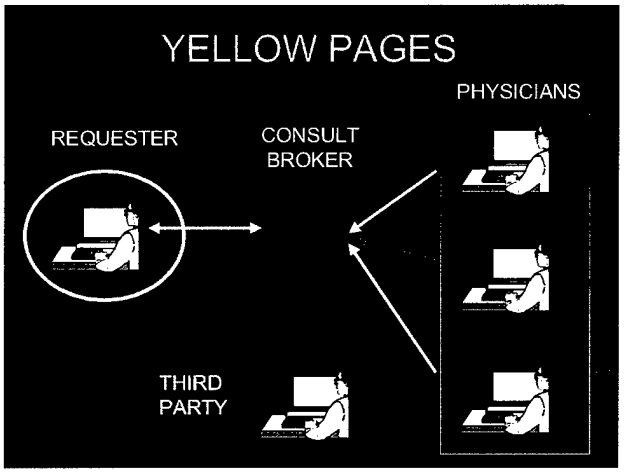
Example 1
Type 1 TC, peacetime

21.

GGTS Alternative Configurations

Yellow Pages	**Requester**
Electronic Board	**Consultants**
Automatic	**Computer**
Active Broker	**Third Party**

22.



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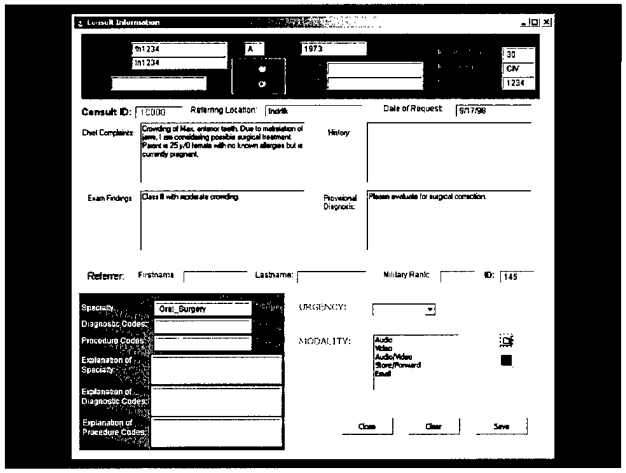

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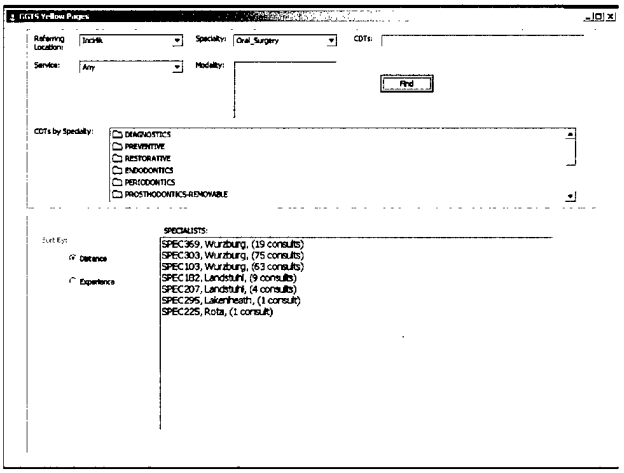

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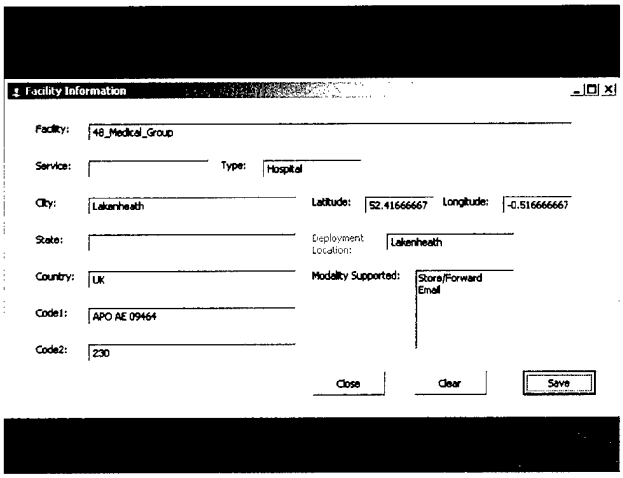

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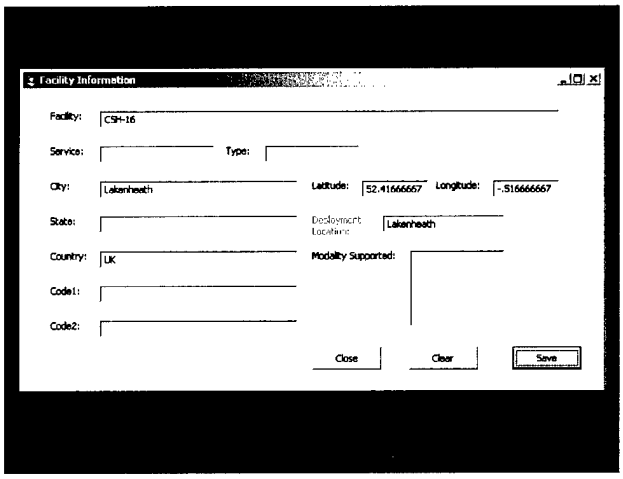

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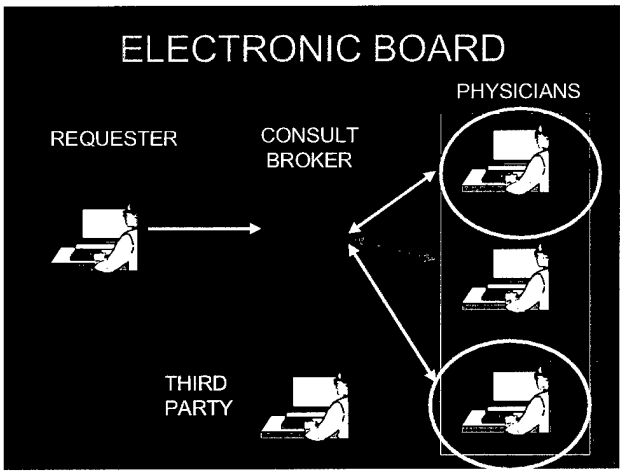

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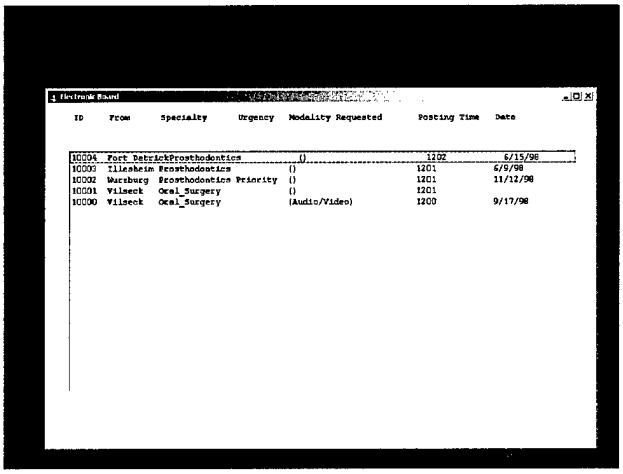

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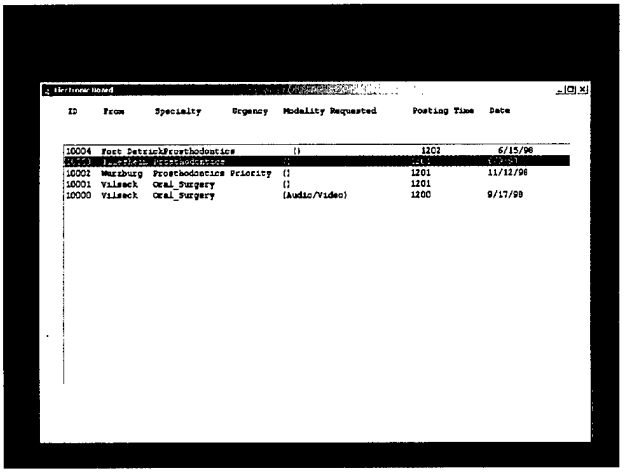

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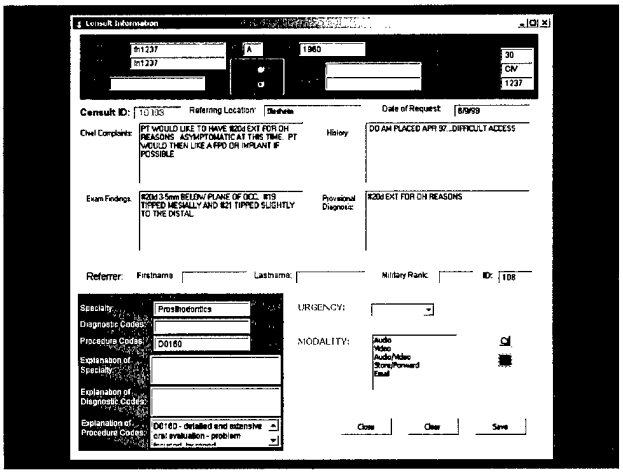

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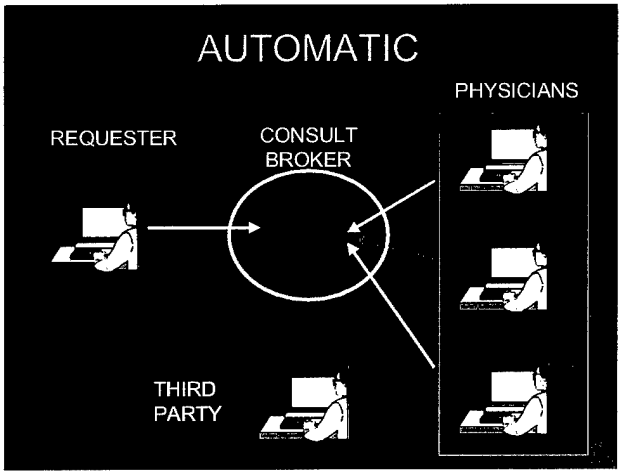

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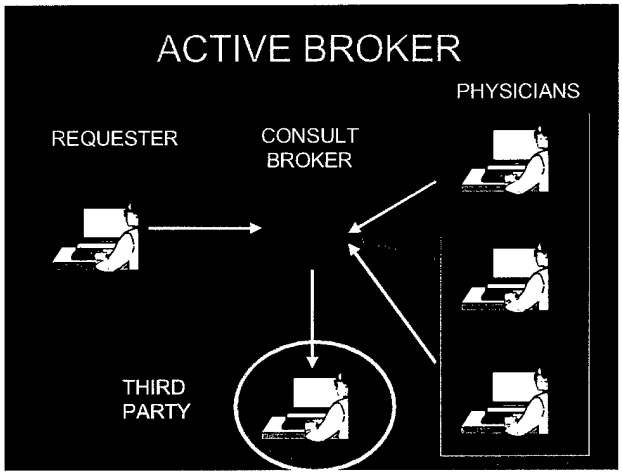
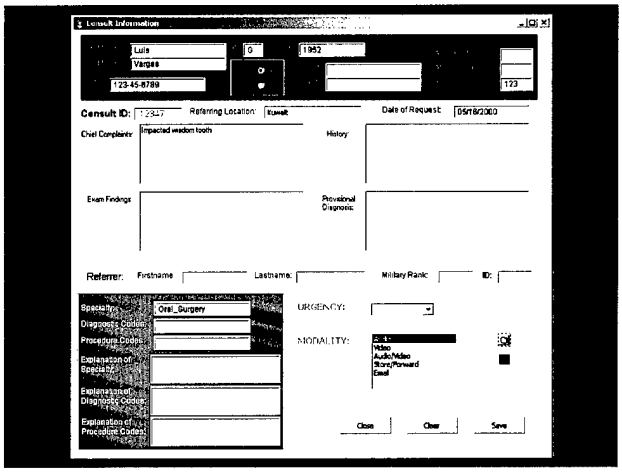


33.

Example 2
Type 1 TC, wartime
(numbered medical groups may have been deployed to other than their usual locations)

34.



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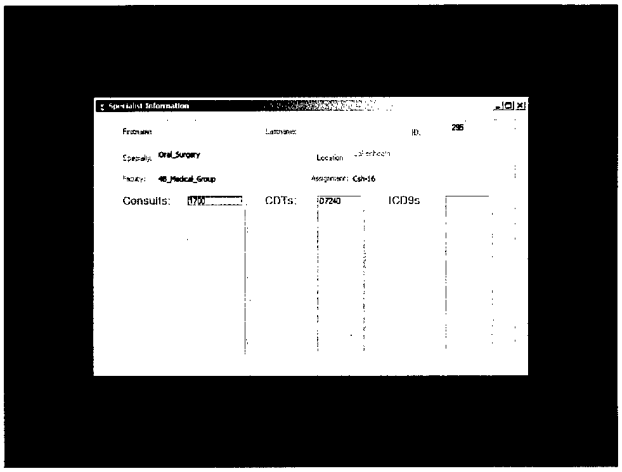

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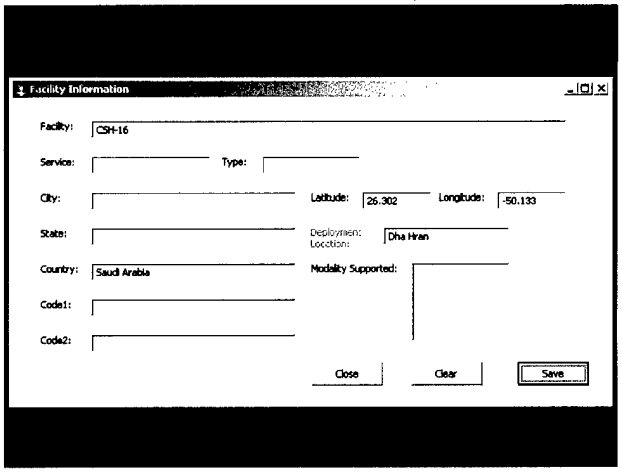

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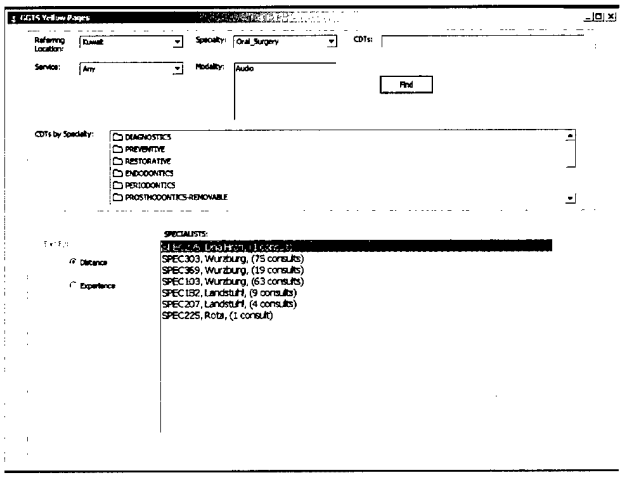


38.

For Examples 1 and 2, Broker needs to know

- **Is the specialist associated with a fixed installation or with a deployable medical unit**
- **If a deployable unit, which one**
- **Where each deployable unit is currently located**
- **Geographic location (latitude, longitude) of each fixed installation and of each deployed location**

39.

Example 3
Type 1 TC, wartime, special organizational rules

40.

For Example 3, Broker also needs to know

- **Atypical organizational structures (task forces)**
- **Atypical administrative rules for handling patient**
- **Similarity judgements for specialties and subspecialties**

41.

Example 4
Type 2 TC
Exact matches in case base

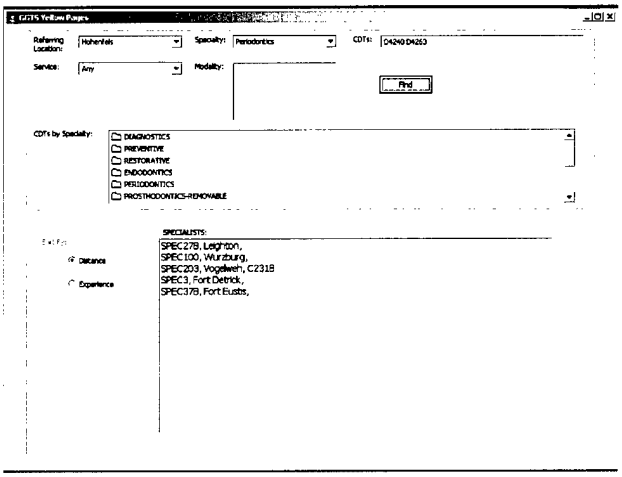
Request is for a real time consult for a patient who requires CDTs D4314, D4240 and D4263

42.

Example 4
Type 2 TC
Exact matches in case base

ID	Location	D4341, D4240, & D4263	D4341 & D4240	D4240 & D4263	D4341 only	D4240 only	D4263 only	Available
3	Fort Detrick				1			Now
100	Wuerzburg	2			4			+16h
203	Vogelweh			1	2	1		+2h
278	Leighton	1	1		11			+12h
378	For Eustis				1			Now

43.



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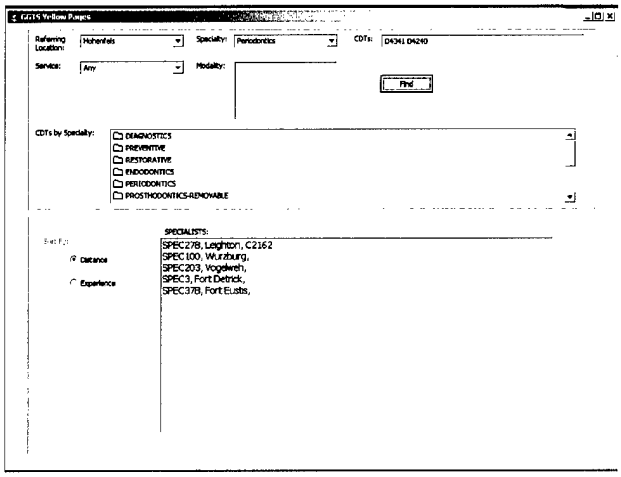

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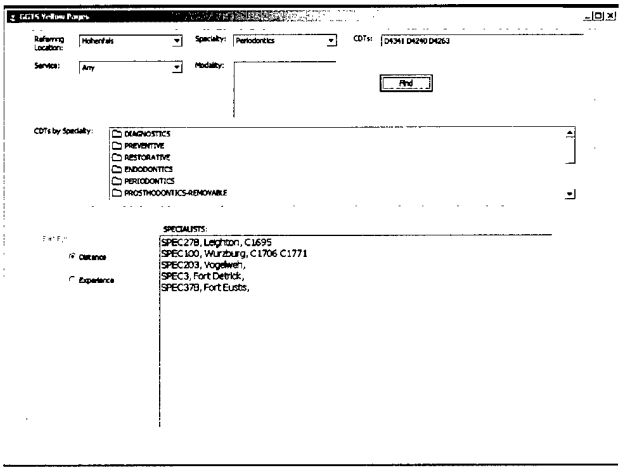

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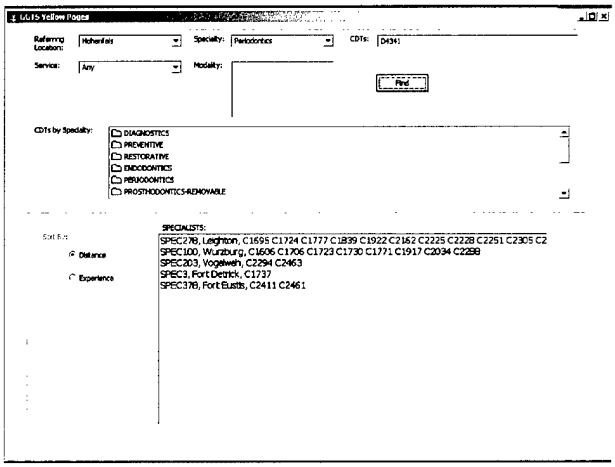

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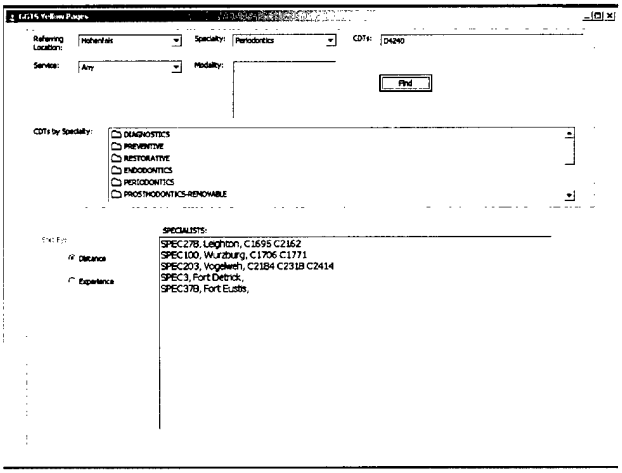
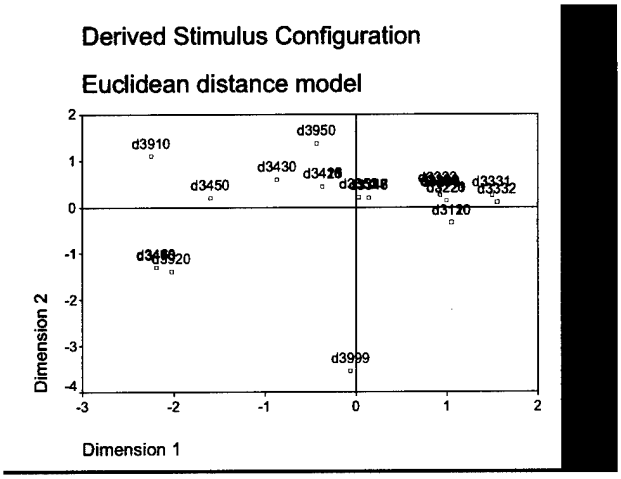


48.

Example 5
Type 2 TC
No exact match in case base

Request is for a teleconsultation with endodontist for a patient who requires D3333 (internal root repair). There are no patients in the case base with that CDT code.

49.



50.

CDTs	x	y
D3910	-2.2459	1.0839
(D3460 D3470)	-2.1906	-1.3184
D3920	-2.025	-1.3984
D3450	-1.6023	0.1843
D3430	-0.8711	0.5881
D3950	-0.4368	1.3583
(D3410 D3421 D3425 D3426)	-0.3692	0.4285
D3999	-0.0661	-3.5689
(D3351 D3352 D3353)	0.0262	0.2046
(D3346 D3347 D3348)	0.1406	0.1825
D3333	0.8989	0.3301
(D3310 D3320 D3330)	0.9146	0.2782
(D3230 D3240)	0.9257	0.24
(D3220 D3221)	0.992	0.1267
(D3110 D3120)	1.0429	-0.3543
D3331	1.4935	0.2396
D3332	1.5465	0.0867

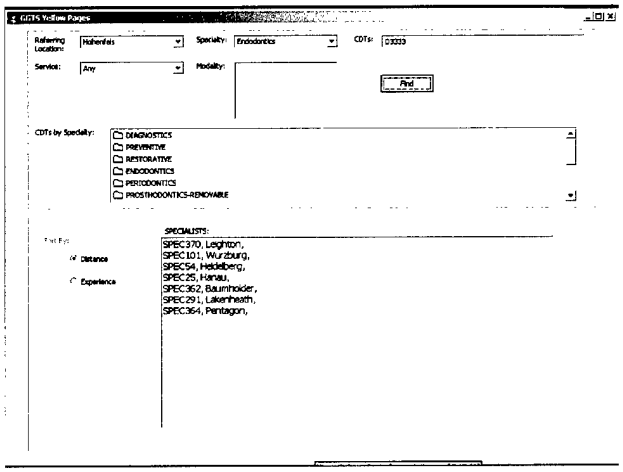
51.

CDTs most similar to D3333

(from SPSS multidimensional scaling)

ID	Location	D3310 (RCT, Anterior) D3320 (RCT, Bicuspid) D3330 (RCT, molar)	D3230 (Pulpal Therapy, anterior) D3240 (Pulpal Therapy, Posterior)	D3220 (Pulpotomy) D3221 (Pulpal debridement)
25	Hanau	2	0	0
54	Heidelberg	2	0	1
101	Wuerzburg	4	0	2
291	Lakenheath	0	0	0
362	Baumholder	1	0	0
364	Pentagon	0	0	0
370	Leighton	1	0	0

52.



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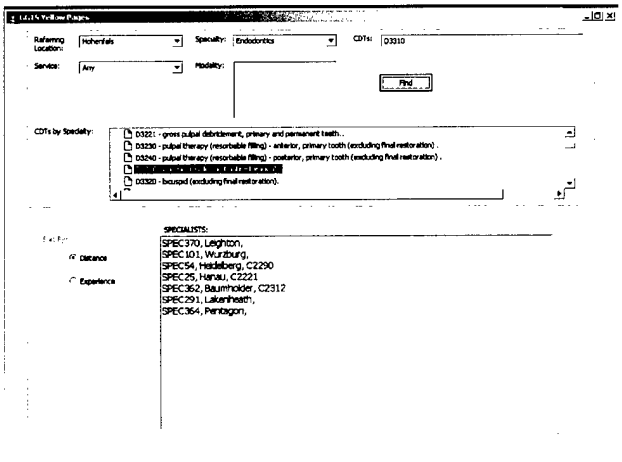

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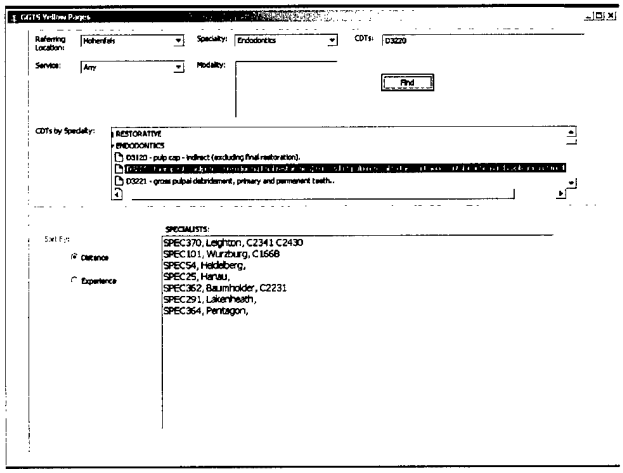
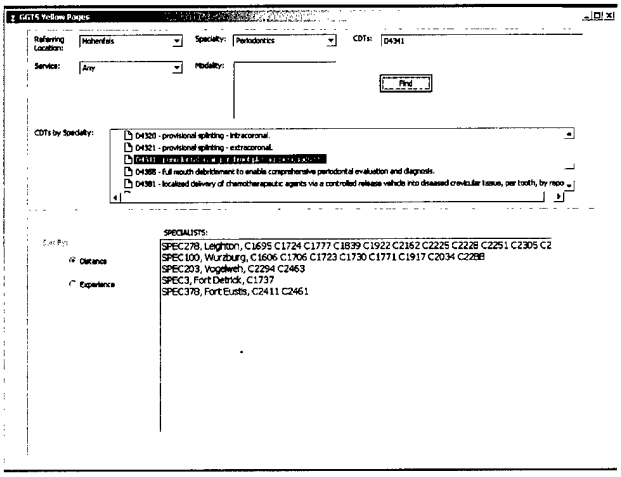


55.

Example 6
Type 3 TC
Uncertainty in CDT code

Requester asks for a periodontist, and specifies D4341, but isn't certain of it. By multidimensional scaling, D4355 and D4910 are similar.

56.



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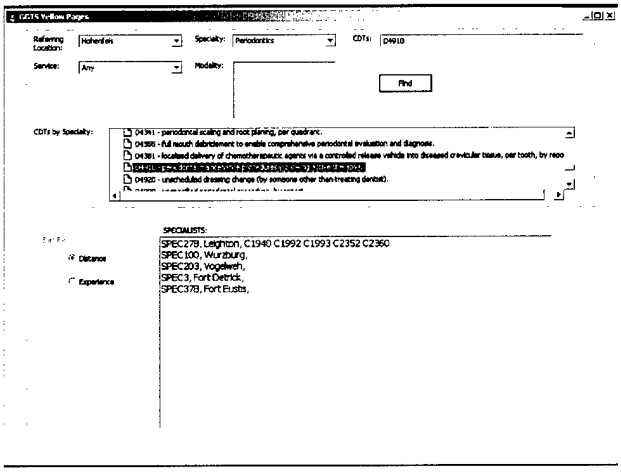

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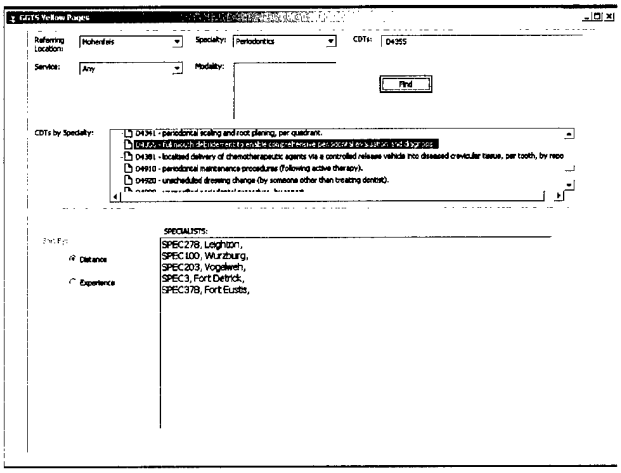

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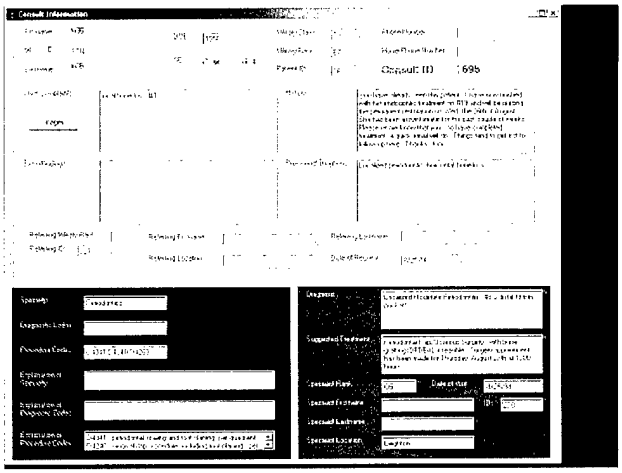


60.

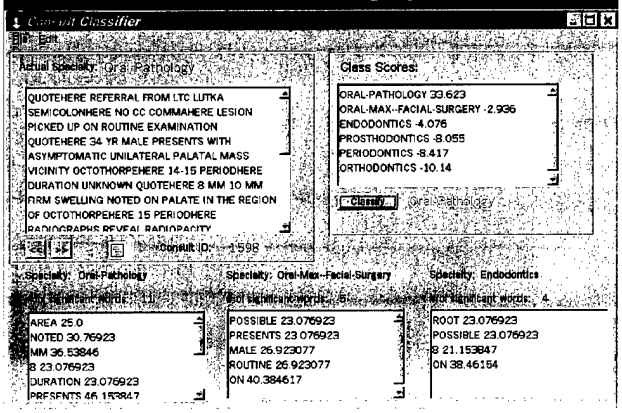
Overall performance

Predicted (row percentages)

Actual	Endo	Oral Surg	Ortho	Perio	Prostho	Oral Path	Total
Endodontics	91%	2%	2%	0%	5%	0%	57
Oral Max/Facial Surgery	2%	66%	9%	1%	10%	12%	163
Orthodontics	1%	16%	70%	1%	12%	0%	77
Periodontics	9%	4%	10%	40%	26%	12%	93
Prosthodontics	4%	4%	10%	11%	71%	0%	92
Oral Pathology	4%	10%	0%	0%	2%	85%	52

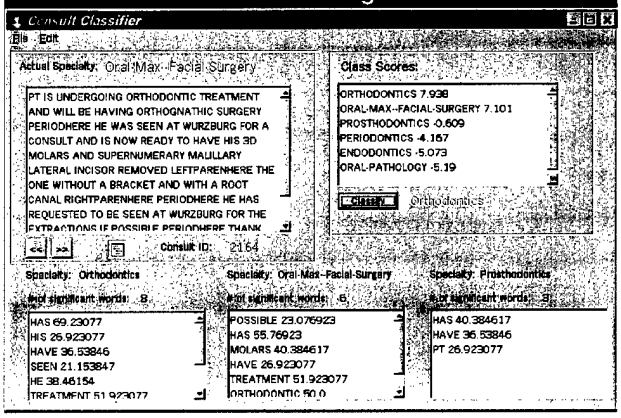
61.

Classification Example 1: Single dominant category



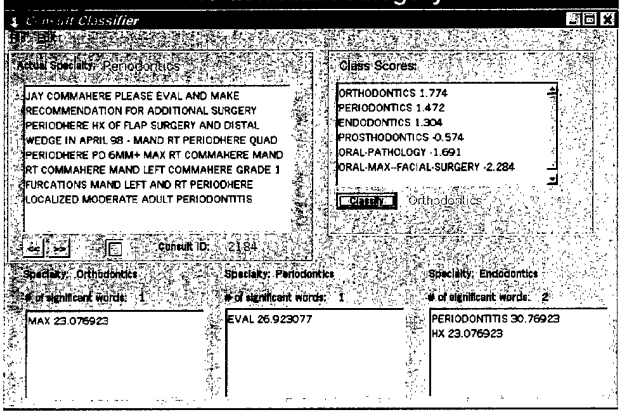
62.

Classification Example 2: Two dominant categories



63.

Classification example 3: No dominant category



64.

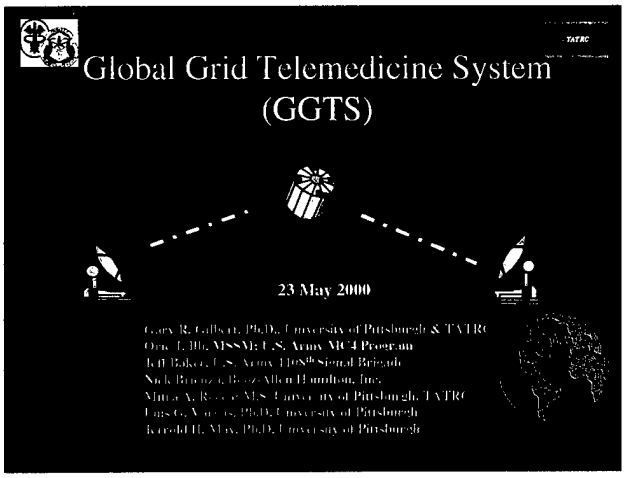
In the next year we want to...

- Extend the breadth of the prototype - how representative is TDENT of the general medical teleconsultation problem?
- Refine the types of teleconsultations to best match the KB&MS tools and the interfaces to the management problem, user requirements, and organizational rules

Appendix 4:

Gilbert, Illi, Baker, Brienza, Rocca; Vargas, and May, "Global Grid Telemedicine System (GGTS)," presented at the ATA Fifth Annual Meeting, Phoenix, Arizona, 2000

1.



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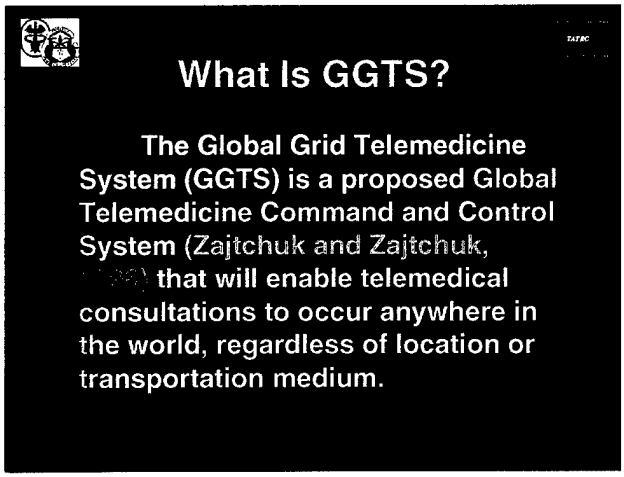

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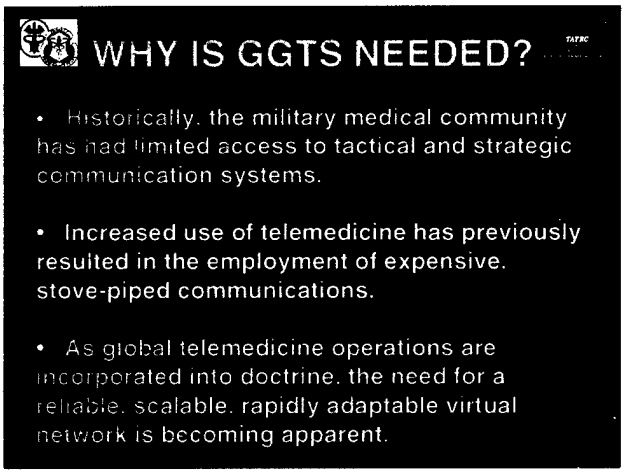

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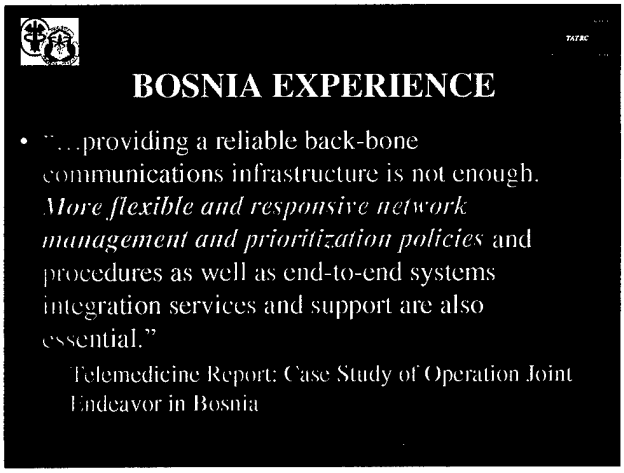

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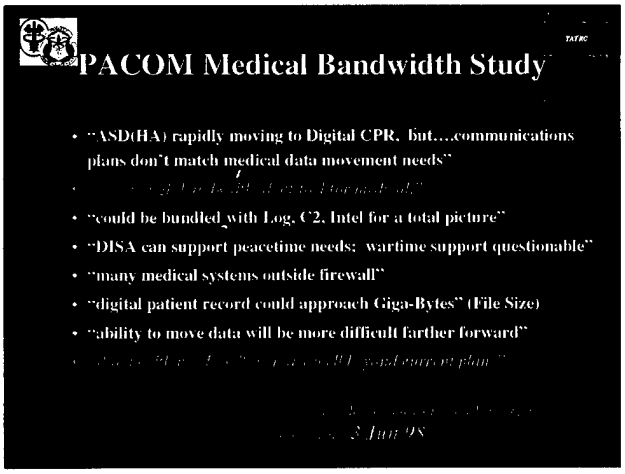

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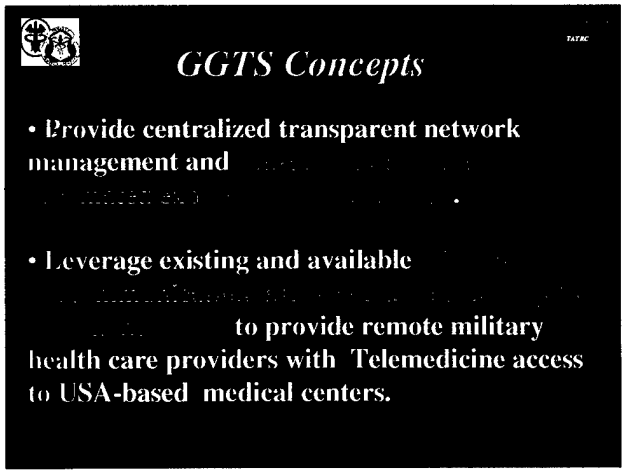

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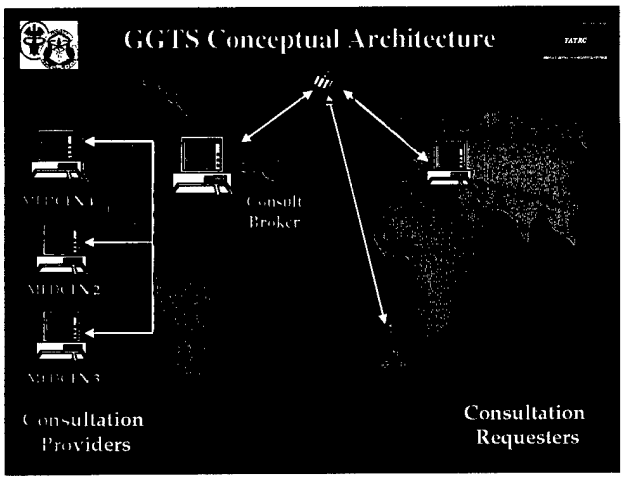
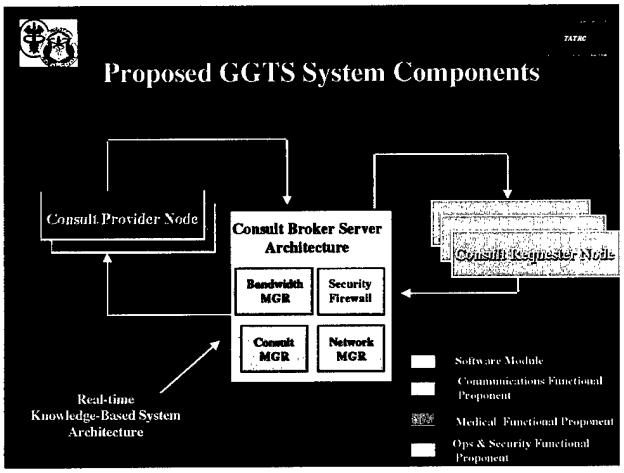


8.

GGTS Feasibility Study (Oct 97-Jan 98)

- Military bandwidth used on space available basis backed up by commercial bandwidth is most feasible solution.
- *VTM is recommended network protocol.*
- *GGTS requires dynamic and transparent bandwidth allocation between and among military and commercial communication systems.*
- Consultation Broker Server and Network Manager:
  - do not have to be co-located.
  - can be distributed.
  - must be integrated.
-
- *Consult broker requires multiple reasoning and knowledge representation schemes.*

9.

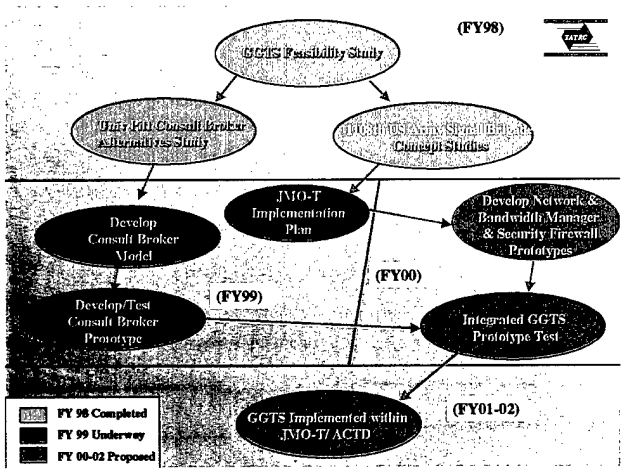


10.

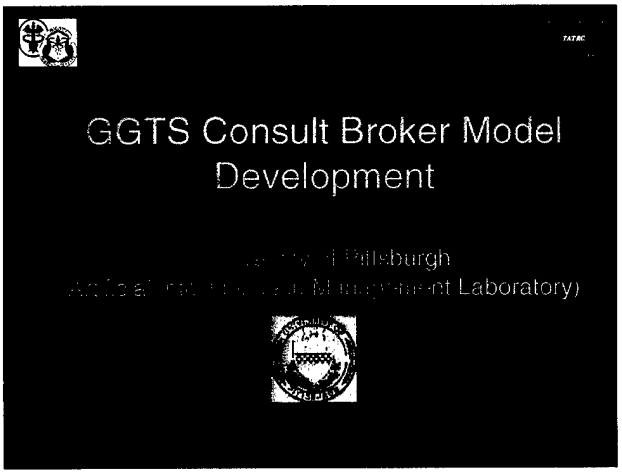
Army Medical Department Center & School Letter - 6 October 1998

- GGTS Feasibility study supports conclusion that global telemedicine network is feasible.
- No requirement has been formally defined
  - "telemedicine remains a vaguely defined technical capability"
  - "theater telemedicine and bandwidth requirements are not established"
- *Recommends demonstrating GGTS in Joint Medical Operations-Telemedicine (JMO-T) Advanced Concepts Technology Demonstration (ACTD)*
  - *address joint telemedicine requirements for War and Operations other than War (OOTW).*
  - *determine bandwidth requirements.*
  - *assess signal community support requirements and capabilities.*

11.



12.



13.

Types of Information Needed for a GGTS Tele-medical Consultation?

- Modality (e.g., data, text, audio, images, store-and-forward, full motion video, etc.)

- Patient demographic data (e.g., name, date, ssn, sex, age, unit, location, age, etc)

- Consultation specific data (e.g., requesting physician's specialty, *consultation urgency*, subspecialties requested, type of equipment used or available, history of present illness, and *current differential diagnosis*).

14.

What Knowledge Does GGTS Need?

Knowledge about:

- relevant information to collect from the requestor
- medical decision making and consultation
- potential consultants
- feasible modes of consultation
- policies and constraints
- network architecture, network & bandwidth management, &
- *time-based event management and record keeping*

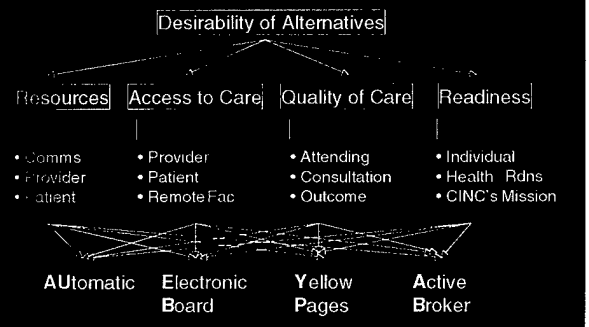
15.

Criteria for Selecting the Best Configuration Alternative

- Optimal utilization of resources
- Maximum accessibility of service,
- Quality of care, and
- Readiness.

16.

Evaluation of Alternative Configurations



17.

Reasoning Methodologies

(multiple, per feasibility studies)

- Case-based Reasoning

A case-based reasoner solves new problems *by adapting solutions that were used to solve old problems...Case-based reasoning means reasoning from prior examples.*" (Riesbeck and Schank, 1989, page 25).

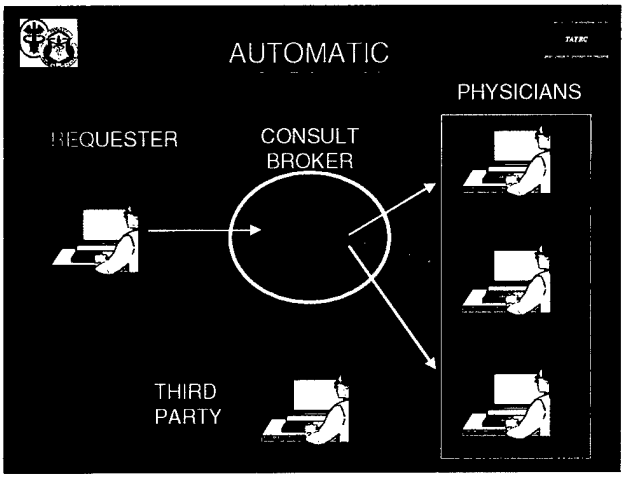
- Rule Systems
- Classification theory
  - Statistical classifiers
  - Neural Nets
  - Machine Learning

18.

GGTS Alternative Configurations

- Automatic (AU)
- Active Broker (AB)
- Electronic Board (EB)
- Yellow Pages (YP)

19.



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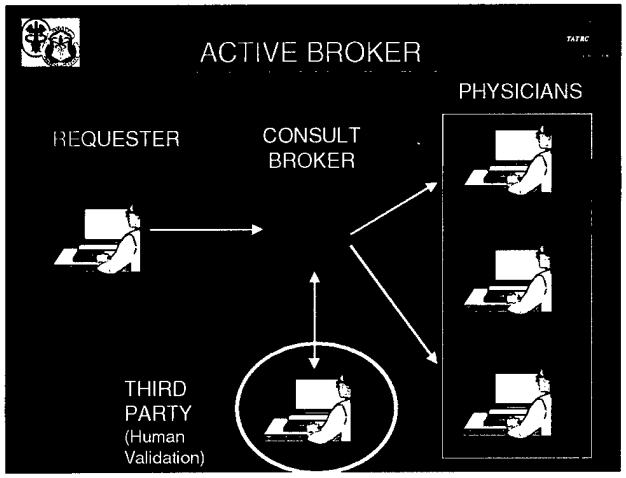

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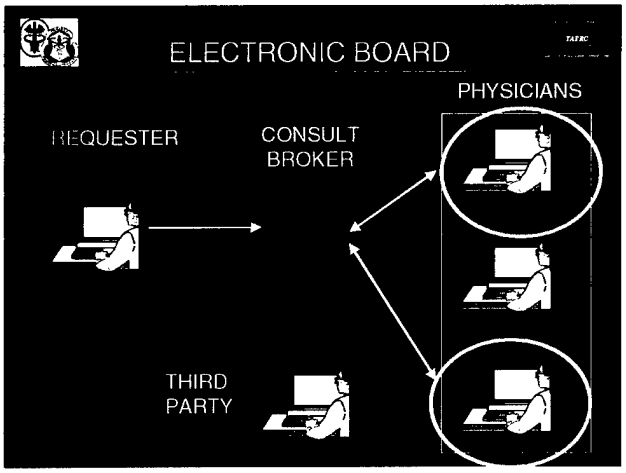

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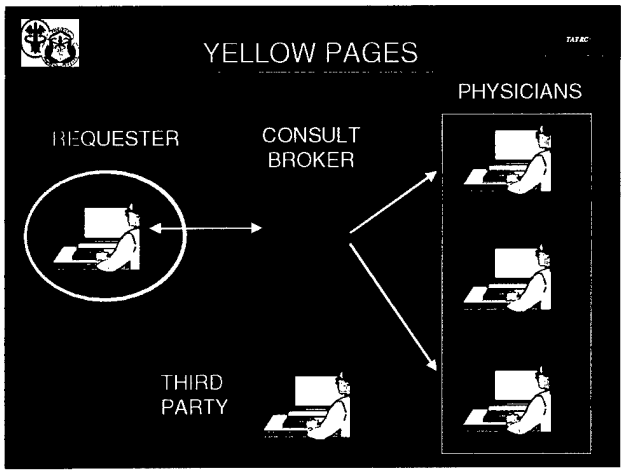

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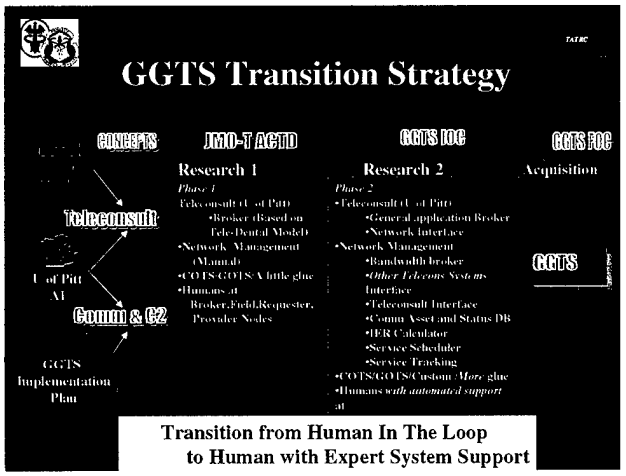

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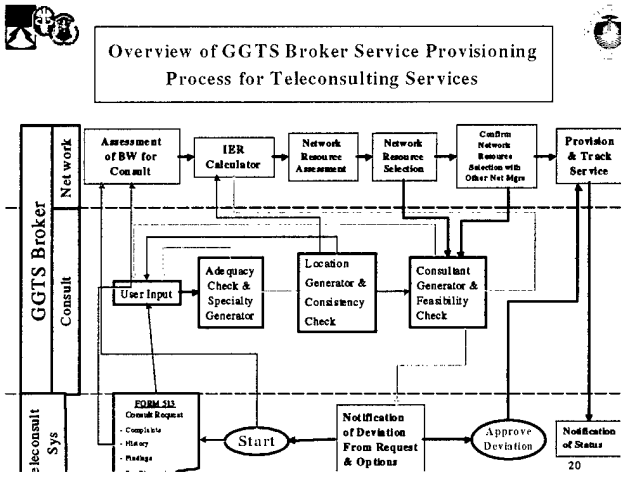

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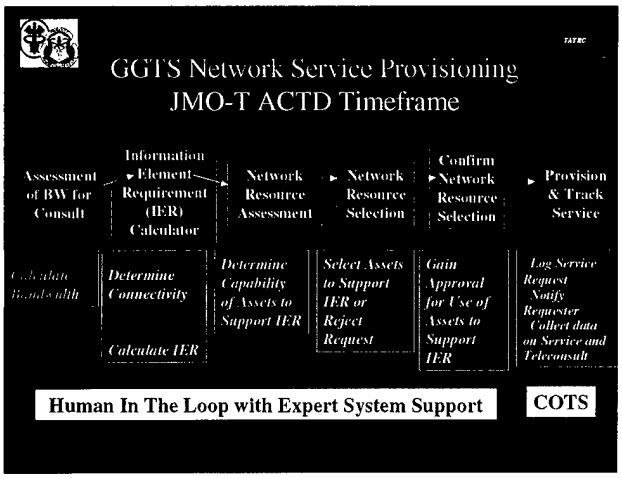

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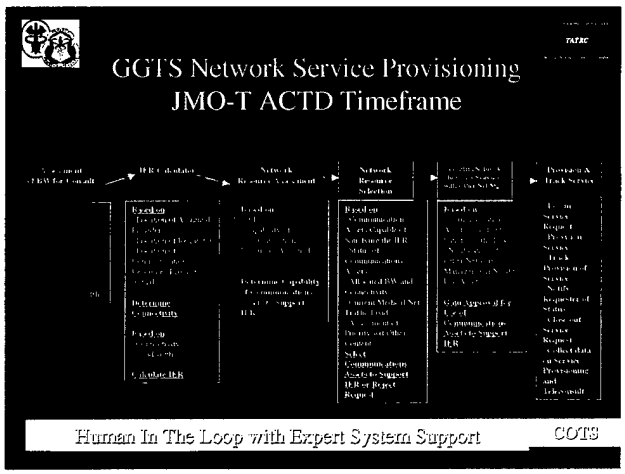

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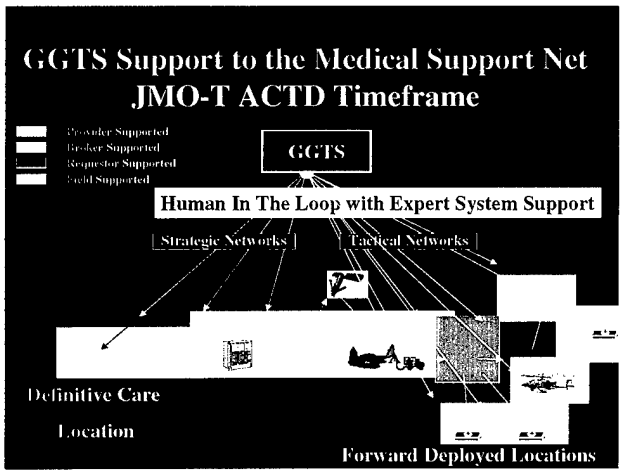

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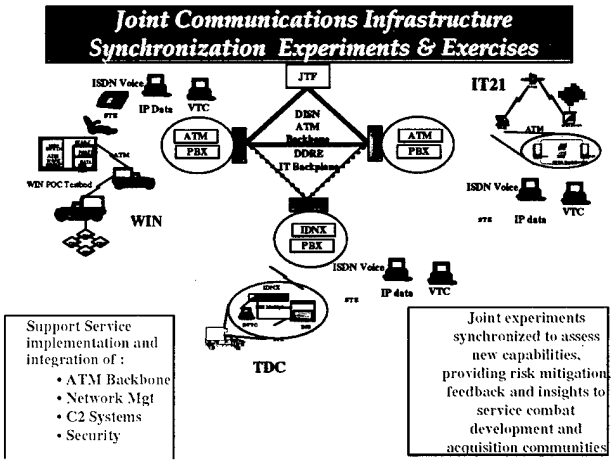

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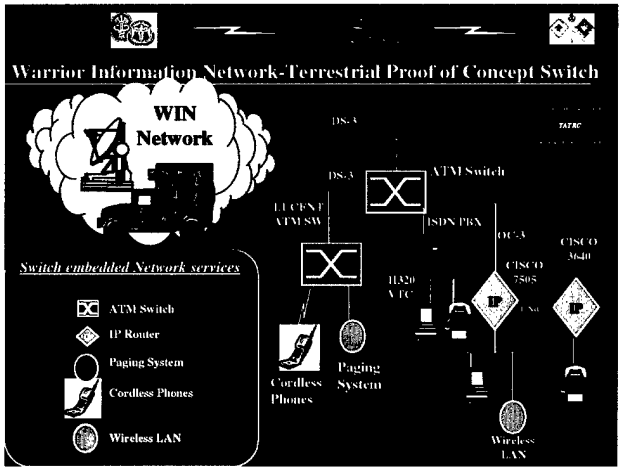

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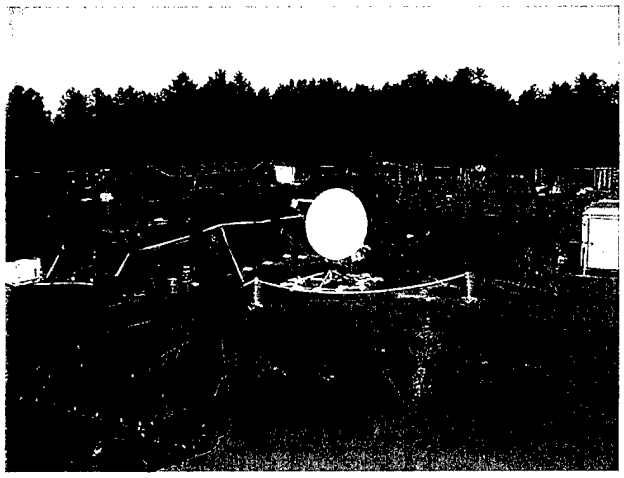

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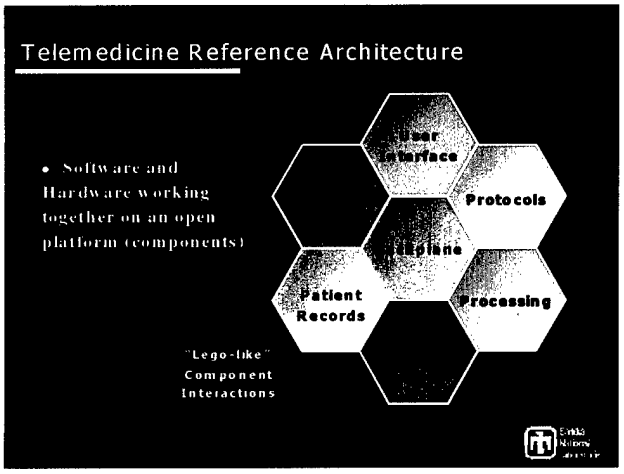

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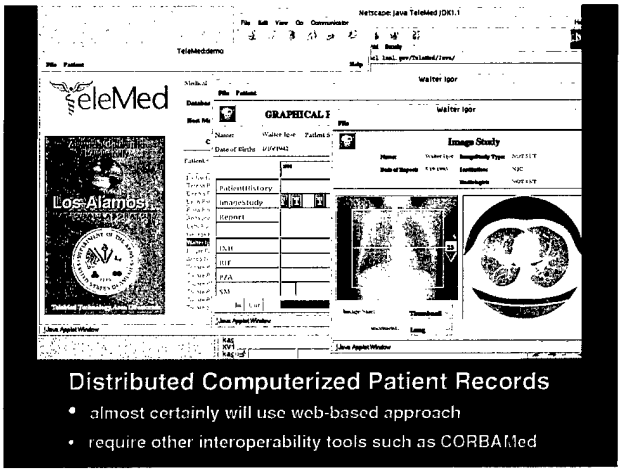

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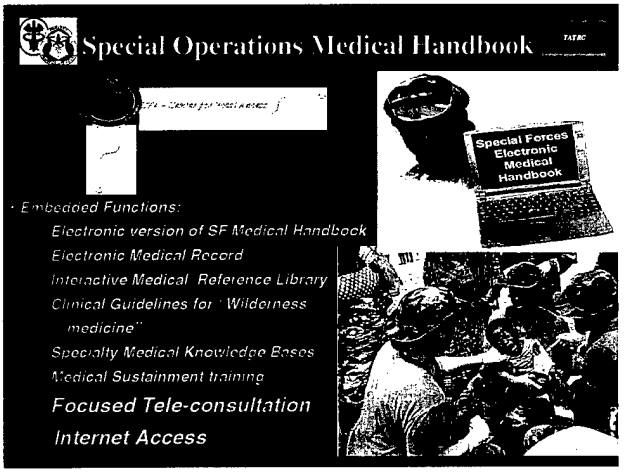

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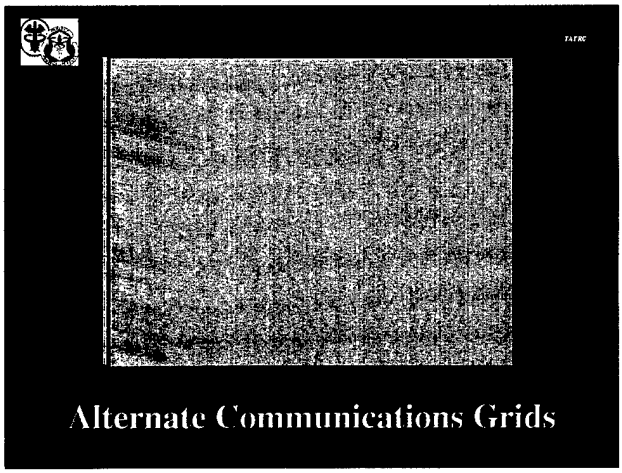

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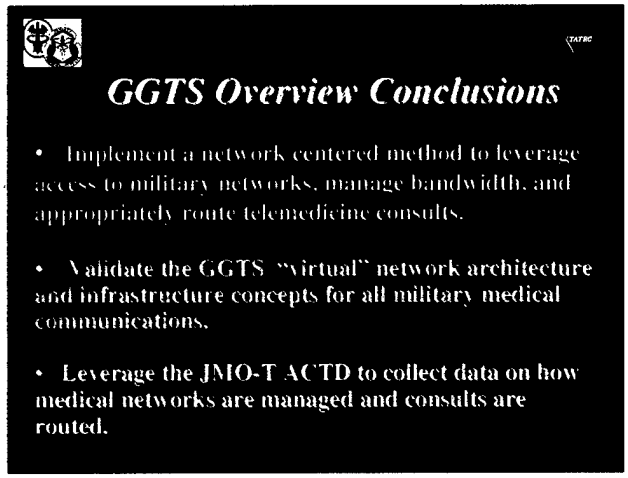

GGTS Overview Conclusions
• Implement a network centered method to leverage access to military networks, manage bandwidth, and appropriately route telemedicine consults.
• Validate the GGTS "virtual" network architecture and infrastructure concepts for all military medical communications.
• Leverage the JMO-T ACTD to collect data on how medical networks are managed and consults are routed.

Appendix 5:

Summary of naive text classification experiments on teledental and medical data

Naive Text Classifier for Use in Teledentistry

Possibly the most difficult task in the implementation of an effective Teledentistry system is the classification of the consults of individual patients. Such classifications are, in fact, necessary in order to send patients to appropriate specialists. The immediate tasks were to observe a sample of past dental consults and to build an effective classification system that could successfully classify new dental consults.

In the real-time GGTS Consult Broker, a consult form such as Standard Form 513 is to be completed and sent through the system. In order to send the consult to the appropriate specialist, an intelligent classifier was constructed. The method that we chose to use was that of a naive classifier, which uses rules of probability and Case-Based Reasoning (CBR) to determine the likeliness of a consult being in a certain class.

The naive classifier that was implemented uses, as its input, the unordered set of words contained in the consultation report. A patient's dental problems are summed up in the description on the report. The words used in the description are the vital clues in directing the patient to a proper specialty. Using the clues along with rules of probability such as Simple Bayes', the naive classifier finds the most likely specialty out of a list of possible specialties.

In such a system, a number of past consults are to be used as a training set. From the training set, the naive

classifier constructs a "trained data-set," which holds the vital information on word/category frequencies in the past data. By using the past frequencies, the classifier is able to decide which specialties are most likely associated with new consults, which use many of the same words in their descriptions.

The actual classification algorithm is relatively straightforward, and is flexible enough to be easily altered and improved. The algorithm, in its simplest form, is summed up by the pseudo-code shown in Figure BJ-1.

- Uses a trained "data-set" to compute probabilities
- Tests each possible **category** separately:

SCORE for category ***C***, given a text-description ***D*** =

For every word ***W*** in ***D***:

{

$$\textbf{SCORE} = \textbf{SCORE} + \left[\log \frac{(\#\textit{of consults containing } W \textit{ in class } C)+1}{(\textit{total } \#\textit{ of consults in class } C)+2}\right]$$

}

End of loop; increment **SCORE** by the probability of any arbitrary item being in class ***C***.

Figure BJ-1

This algorithm (Figure BJ-1) utilizes a variation of the Simple Bayesian method. To compute a score for each category *C*, the algorithm looks at the list of words

describing a patient *D*, and, for each word, computes the probability that the word belongs to a consult of category *C*. After all those probabilities are summed, the classifier finally adds the probability of an arbitrary item being in category *C*.

To compute these probabilities, the classifier requires a trained data set that holds information on all word/category frequencies. In order to build the trained data set, the naive classifier reads from a file that contains data from the items in its training set. Each consult in the training file includes the description (informal diagnosis) of the patient's situation and the specialty to which the patient was later referred. The object of the classifier is to "read" the words in the description of a patient's dental problems, and to then send the patient to an appropriate specialist, based on the specialty to which the classifier believes the patient's diagnosis belongs. By having a connection between the words in the patient descriptions and the specialty they fall under, the classifier is able to store word frequencies for each of its respective classes. Those word frequencies, with the above algorithm, are then used to evaluate new consults, and then to classify them to their proper specialties.

Frequencies of Words in Specialties						
Word	Oral Pathology	Prosthodontics	Periodontics	Orthodontics	Oral Max/Facial Surgery	Endodontics
ATTACHED	11.54	0.00	6.45	0.00	0.61	1.75
BORDER	11.54	0.00	0.00	0.00	3.07	0.00
BUCCAL	11.54	1.09	3.23	2.60	3.07	12.28
CHANGES	11.54	0.00	0.00	0.00	0.61	0.00
CYST	11.54	1.09	2.15	0.00	6.75	3.51
IMAGE	11.54	1.09	0.00	0.00	6.75	8.77
IMAGES	11.54	2.17	1.08	2.60	3.68	1.75
LESIONS	11.54	1.09	3.23	1.30	3.07	1.75
NONCONTRIBUTORY	11.54	0.00	1.08	0.00	0.00	0.00
OLD	11.54	5.43	16.13	7.79	22.09	0.00
PACK	11.54	0.00	0.00	1.30	0.61	0.00
PAIN	11.54	0.00	3.23	5.19	22.09	26.32
PALATE	11.54	1.09	0.00	3.90	1.84	0.00
POSSIBLE	11.54	9.78	6.45	7.79	15.34	22.81
RADIOGRAPHS	11.54	0.00	4.30	0.00	4.29	8.77
SHE	11.54	23.91	16.13	24.68	23.93	15.79
SLIGHT	11.54	1.09	0.00	2.60	6.13	1.75
SMOKING	11.54	0.00	0.00	1.30	3.07	0.00

Figure BJ-2

Figure BJ-2 shows, for each of these specialties, the percentage of consults that contain each given word. The naive classifier takes advantage of the fact that certain words are more common in particular specialties.

	ORAL PATH.	PROSTHO.	PERIO.	ORTHO.	ORAL SURGERY	ENDO.
My	-5.219524	-3.8169956	-3.90378	-4.514279	-3.459378	-4.369
Size	-3.610086	-6.3019023	-5.60853	-6.306038	-4.683153	-6.3149
Biopsy	-3.3736973	-6.3019023	-5.60853	-6.306038	-5.193979	-6.3149
Lesion	-2.8216286	-5.20329	-4.91538	-5.612891	-3.653534	-4.2354
Period (.)	-2.3478441	-1.8132657	-1.82434	-1.98855	-1.242735	-2.3446
Is	-2.8216286	-2.4100819	-2.54047	-2.455891	-1.759992	-2.9137
Comma (,)	-2.4894948	-1.9451932	-2.11202	-2.477397	-1.379936	-2.6013
Great	-6.318136	-4.510143	-4.91538	-6.306038	-5.193979	-5.6217
Period (.)	-2.3478441	-1.8132657	-1.82434	-1.98855	-1.242735	-2.3446
TOTAL	-31.3498835	-34.11604	-33.2528	-37.95567	-27.80942	-37.06

Figure BJ-3

Figure BJ-3 shows how the scores are calculated using the algorithm in Figure BJ-1. Punctuation such as periods and commas can either be taken into consideration or omitted. In the initial tests, we took all punctuation into consideration when classifying consults. The sum of all the words in each consult being tested were added up for each category. The classifier returns, as the predicted class, the category with the highest, or *least negative*, value.

Naive Classifier Testing

In order to evaluate its performance, testing was done on the naive classifier. The first step was to take the 390 available consults that were classified under the Endodontic, Periodontic, Orthodontic, and Oral Surgery specialties, and to divide them into a training-set, which would be used to build the classifier's data-set and a test-set. It seemed appropriate to start off building an equally distributed training set, because it seems the classifier's probabilistic nature may require an even

number of items (consults) for each specialty that it trains. As shown in Figure BJ-4, 45 consults in each of the four categories were used to build the classifier's trained data set, giving a total of 180 items in the training set. The remaining 210 items were then set aside for testing purposes.

	# of Items in Training Set	# of Items Remaining for Testing
Oral Max/Facial Surgery	45	118
Periodontics	45	48
Orthodontics	45	32
Endodontics	45	12
Total	**180**	**210**

Figure BJ-4

A testing program was written to process the test-set and to test it using the naive classifier. The testing program worked by reading in a file that contained the 211 test items. The format of the file was identical to that of the file used for building the training set. Each line in the file contained the description of the patient's situation and the specialty that the patient was sent to. As each item was read in, the classifier evaluated the words in the patient description and calculated scores for each of the possible specialties. The specialty with the highest score was passed back to the testing program. If the specialty returned by the classifier matched the actual specialty of the item, the item was marked as successfully classified.

Initial tests showed that the classifier successfully classified around 70% of the items in the test-set. Cross-

validation was also used to test the accuracy of those results. For the most part, the results stayed around 70%.

While the results of the initial tests were impressive, setting aside 45 of each specialty's items would not allow for sufficient testing for every specialty. Endodontics, for example, had a total of only 57 available items, which meant only 13 at a time could be tested under the initial testing program, which used 45 of the 57 Endodontic consults for the training set. Therefore, another method of testing had to be developed.

This time, instead of separating the items into a training-set and a test-set, every available item was used to build the trained data set. This data set contained the word/class frequencies found in every available consult. As a result, the trained data set no longer had an equal number of instances for each specialty. A specialty such as Oral Max/Facial Surgery had more than double the amount of items than Endodontics. Whether or not this effected the performance of the classifier was yet to be seen.

Under this test, we also decided to add the specialties of Prosthodontics and Oral Pathology to evaluate the classifier's performance with a larger set of categories. This gave us a total of 534 consults.

Testing was again performed by reading from a file, evaluating the words in the descriptions, and then classifying items under specialties. A few changes, however, had to be made in order to run the tests under this new method. For example, only one file was now needed for building the data set and performing the test. Also, to simulate the classifier's function of evaluating new and unique consults, we had to ensure that the specific items that were being classified were not, at the time, actually

contained in the data set. Therefore, as each item was being classified, the testing program first removed that particular item from the trained data set. The method, shown in Figure BJ-5, tested every item without having to distinguish between a training-set and a test-set:

```
Pseudo-code for alternate testing method:

    Read file containing all 534 consults
        Build classifier's data set using the 534 items
        for each line (item) in file
        {
            remove all word/frequency information in 'item'
            from the trained data-set

            evaluate 'item' and return its specialty
            according to the classifier

            record the classification

            restore the original data set by once again
            adding the word/frequency information of 'item'
            to the data set
        }
```

Figure BJ-5

Once this testing algorithm was implemented, the new tests were run on the data in the Endodontic, Periodontic,

Orthodontic, Oral Surgery, Prosthodontic, and Oral Pathology fields. This time, the program not only recorded successful/unsuccessful counts for each category, but it also mapped the results into an "actual vs. predicted" hash table, and produced a confusion matrix (Figure BJ-6) of the test results:

	Predicted						
Actual	Endodontics	Oral Max/Facial Surgery	Orthodontics	Periodontics	Prosthodontics	Oral Pathology	**Total**
Endodontics	55	0	0	0	2	0	*57*
Oral Max/Facial Surgery	12	68	24	0	24	35	*163*
Orthodontics	5	0	58	0	12	2	*77*
Periodontics	19	1	5	20	29	19	*93*
Prosthodontics	13	0	2	4	71	2	*92*
Oral Pathology	2	1	0	0	2	47	*52*
Total	*106*	*70*	*89*	*24*	*140*	*105*	**534**

Figure BJ-6

	Correct Classifications	**Total Tested**	**Pct. Correct**
Endodontics	55	57	96%
Oral Max/Facial Surgery	68	163	42%
Orthodontics	58	77	75%
Periodontics	20	93	22%
Prosthodontics	71	92	77%
Oral Pathology	47	52	90%
Total	**319**	**534**	**60%**

Figure BJ-7

This test was able to give a better idea of the performance of the classifier. Figure BJ-7 shows that most of the specialties were classified successfully. The notable exceptions, however, were Oral Surgery, which had a success rate of only 42%, and Periodontics, which had an even lower rate of 22%. It was also interesting to see that, when the classifier made mistakes, Prosthodontics was

a frequent mistake. In fact, 29 of the Periodontic consults were classified as Prosthodontics, while only 20 of them were correctly classified as Periodontics.

While the initial results were promising, they left room for improvement. In order to possibly improve the classifier's performance, we constructed an *even* training-set, to balance out the probabilistic calculations for each specialty.

Because the Oral Pathology specialty had the least number of consults associated with it (52), we took 52 random consults from each specialty for use in the training-set. This enabled us to test with an even data set, which would allow for an even distribution across specialties. We then tested each of the 52 items, using the same testing method, and produced new results.

	Predicted					
Actual	Endodontics	Oral Max/Facial Surgery	Orthodontics	Periodontics	Prosthodontics	Oral Pathology
Endodontics	**48**	**1**	**0**	**0**	**3**	**0**
Oral Max/Facial Surgery	**0**	**45**	**6**	**0**	**0**	**1**
Orthodontics	**1**	**9**	**37**	**0**	**5**	**0**
Periodontics	**4**	**0**	**2**	**27**	**15**	**4**
Prosthodontics	**2**	**1**	**6**	**8**	**35**	**0**
Oral Pathology	**2**	**5**	**0**	**0**	**1**	**44**

Figure BJ-8

	Correct Classifications	**Total Tested**	**Pct. Correct**
Endodontics	**48**	**52**	**92%**
Oral Max/Facial Surgery	**45**	**52**	**87%**
Orthodontics	**37**	**52**	**71%**
Periodontics	**27**	**52**	**52%**
Prosthodontics	**35**	**52**	**67%**
Oral Pathology	**44**	**52**	**85%**
Total	**236**	**312**	**76%**

Figure BJ-9

Figures BJ-8 and BJ-9 show that the evenly distributed training-set produced significantly more successful results. This has to do with the probabilities of word-frequencies being evened out for each specialty. It is interesting to note that 27 out of 52 (52%) of the *Periodontics* items were classified correctly under this method, while only 20 out of 93 (22%) were classified correctly with the unevenly distributed training-set.

	Improvement
Endodontics	-4.18%
Oral Max/Facial Surgery	+44.82%
Orhodontics	-4.17%
Periodontics	+30.41%
Prosthodontics	-9.86%
Oral-Pathology	-5.76%
OVERALL	+15.90%

Figure BJ-10

Figure BJ-10 shows the difference (in actual percentage values) between the results of the unevenly distributed and evenly distributed data sets. A specialty with a positive (+) difference indicates an improvement caused by the evenly distributed set. While only 2 of the 6 specialties saw improvements with the evenly distributed data set, the overall performance was a substantial 15.9% better.

Relative Scoring

In order to further evaluate and possibly improve the performance of the classifier, changes were made which allowed the classifier to keep track of the scores of each category it tested. This not only allows for further evaluation of results, but it also allows the classifier to

produce confidence levels.

Once the scores for each specialty are calculated, the classifier gives each specialty a *relative* score, which shows the likelihood that a patient's description falls under a specific specialty, relative to other categories. Confidence values, therefore, can be generated from these relative scores.

Tests were then run to measure the effectiveness and significance of the new relative scoring system. Distinctions were made which divided classified consults into two separate categories. A classified consult was considered "unsure" if none of the specialties had a relative score of over 10. Consults with a single dominant specialty with a relative score greater than 10 were considered "confident." The classifier was then altered to return only the dominant category for confident consults, while returning the entire list of relative scores in unsure instances.

A set of 210 Endodontic, Periodontic, Orthodontic, and Oral Max/Facial Surgery items were tested to measure how many of the items would be confidently classified, and, in turn, how many of the confidently classified items were, in fact, correctly classified. These confidence levels, if valid, improve the classifier by allowing for distinctions between definite classifications and unsure classifications that may require further evaluation.

As shown in Figure BJ-11, out of the 210 items that were tested, slightly over half of them returned just one specialty and were considered *confident*:

Items Classified	Items Considered ***Confident***	Items Considered ***Unsure***
210	109 (52%)	101 (48%)

Figure BJ-11

How accurate are the *confident* items? Figure BJ-12 shows that out of the 109 items considered confident, most every one was classified correctly:

Items Considered ***Confident***	Number Classified Correctly	Pct. Classified Correctly
109	105	96%

Figure BJ-12

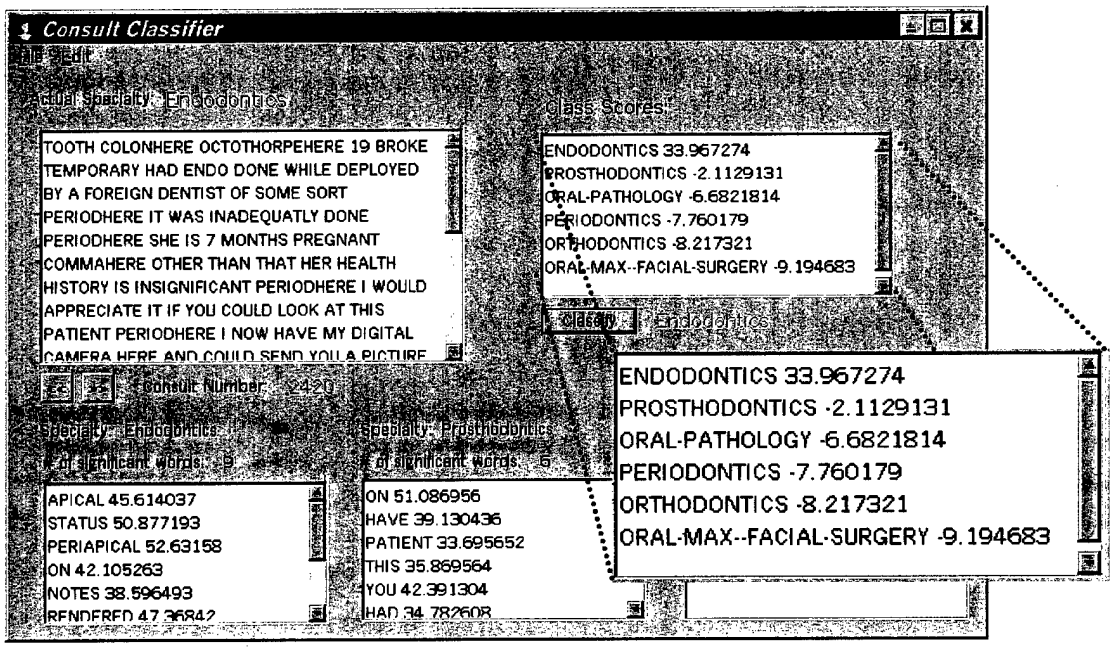


Figure BJ-13

Figure BJ-13 displays a screenshot of the Consult Classifier, which allows the user to scroll through past consults or enter new consults to be classified. The relative scores of each of the categories are displayed in the top right box. In the case of Figure BJ-13, Endodontics is the obvious category. Therefore, Consult

#2420 can be classified as Endodontics with a high degree of confidence.

SURGEON FINDER

In order to successfully route patients to an appropriate surgeon, we developed a system that takes advantage of the hierarchical structure of the ICD9 codes.

The Surgeon Finder software we developed allows a user to enter an ICD9 code (diagnosis) in order to find a surgeon who has dealt with patients with similar or identical diagnoses. By using the data collected from two hospitals (UW and HMC), records were made for each of the 338 surgeons who had performed procedures in either hospital. These records included information such as frequencies in which surgeons saw patients with specific ICD9s.

By utilizing these records, we were able to list appropriate surgeons for the user, given a selected ICD9 code. Not only could the Surgeon Finder find surgeons who have dealt with patients with the exact same diagnoses, it could also handle cases where few or no surgeons exist with such experience. In other words, if no surgeon has ever dealt with a specific ICD9 diagnosis, the Surgeon Finder allows the user to "back up" to a more general level, and find surgeons who have dealt with patients with *similar* diagnoses.

The hierarchical structure of the ICD9 codes allows us to logically move up and down to either more or less specific levels of diagnoses. For example, if *Patient A* is diagnosed with an ICD9 code of **414.11**, the user would enter the most specific version of the code. In return, the Surgeon Finder lists surgeons who have dealt with other

414.11 patients, and displays the number of times they have done so:

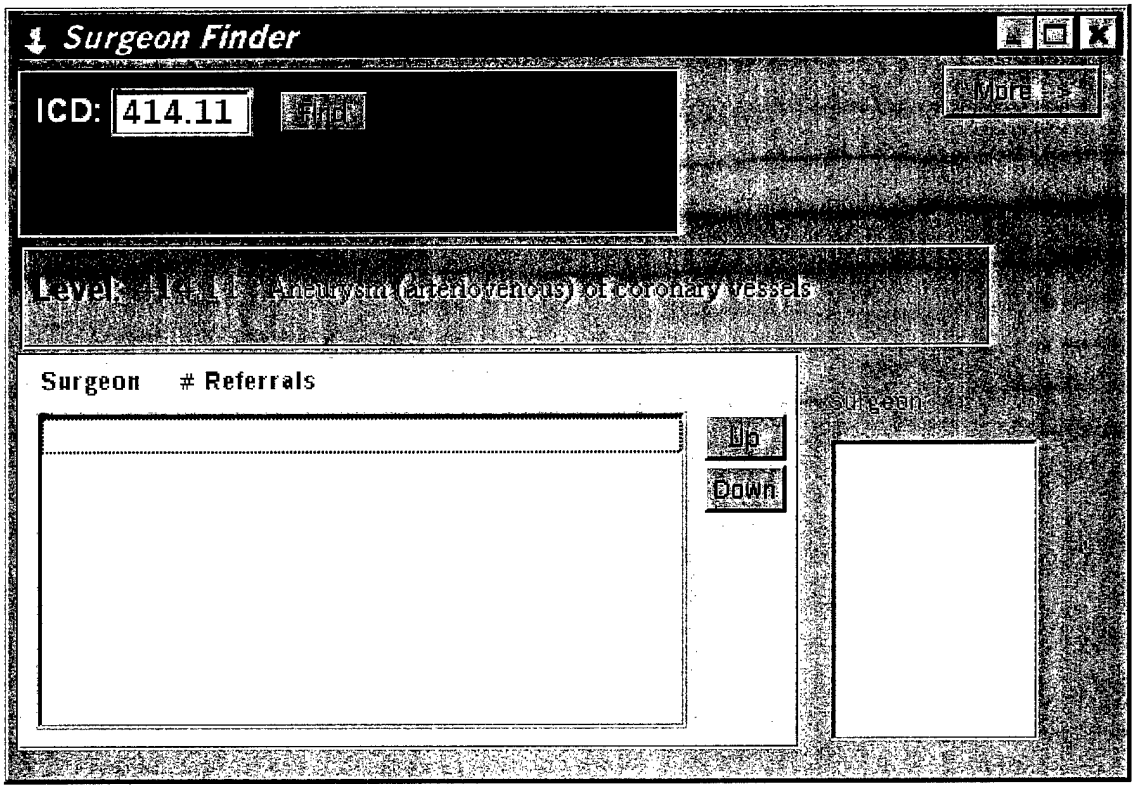


Figure BJ-14

In this case (Figure BJ-14), no surgeons who have treated an *Aneurysm (arteriovenous) of coronary vessels* (414.11) are available. This raises the question of what to do in these types of cases where no exact matches exist. Our next step was to evaluate the structure of the ICD9 codes to figure out the best way to handle these cases. The ICD9 code book is structured in a hierarchical fashion, and the knowledge structure inherent in that hierarchy might be a promising way to "back up" and find surgeons at more general levels.

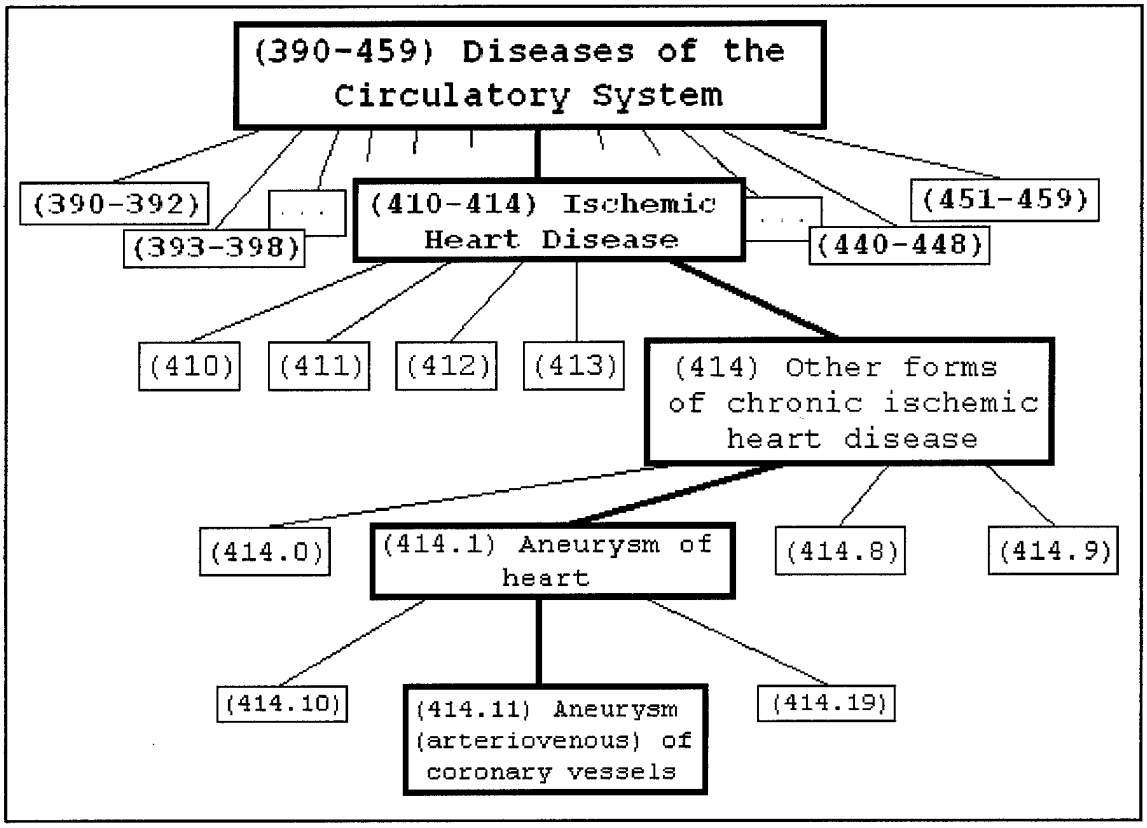


Figure BJ-15

As shown in Figure BJ-15, the last "1" in code number *414.11* takes *414.1* to a more specific level. In other words, *414.10*, *414.11*, and *414.19* are all siblings under the more general grouping of *414.1* codes. Furthermore, *414.0*, *414.1*, *414.8*, and *414.9* are siblings and are all part of the general group of *414* codes. This structure is what allows us to "back up" to less specific levels.

In order for a user to find a surgeon who is experienced with patients similar to a 414.11 patient, it is possible to *move up* in the tree, and find surgeons experienced with *Aneurysm of heart* (414.1) patients more generally:

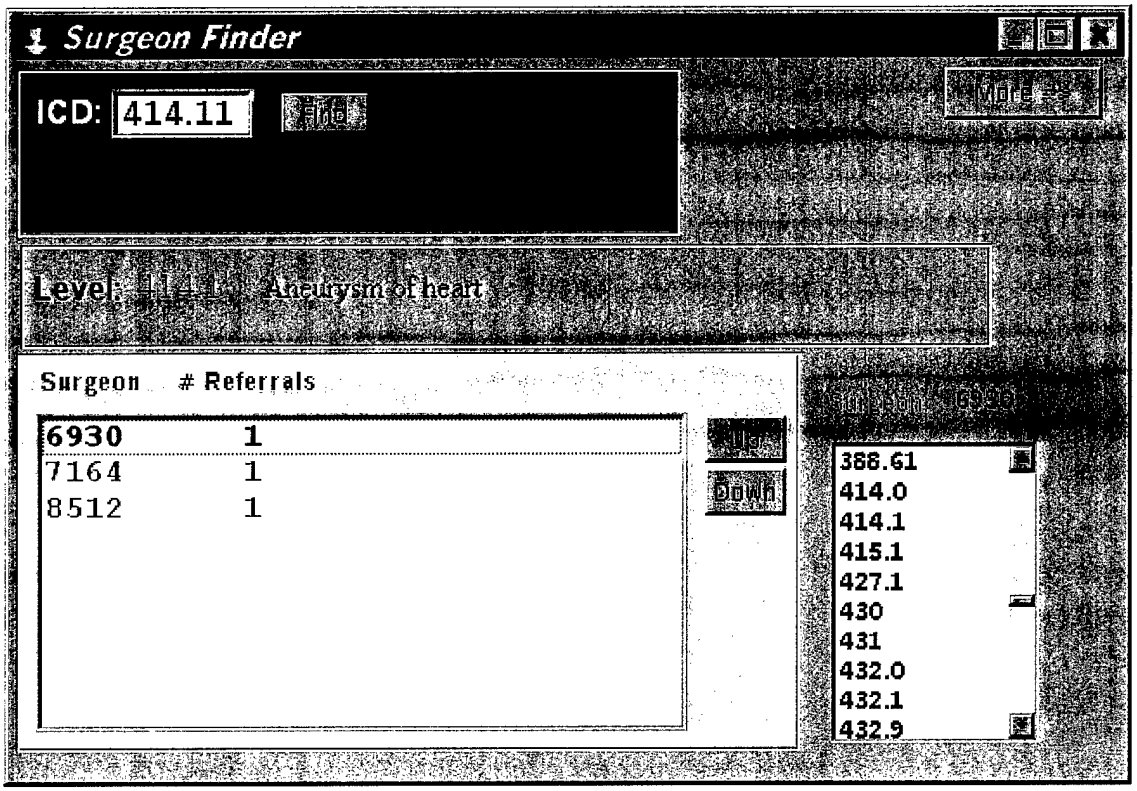


Figure BJ-16

In this case (Figure BJ-16), there are still very few surgeons who have dealt with the even more general cases of *Aneurysm of heart*. Therefore, the next logical step would be to move another level up in the hierarchy to look at all surgeons who have treated any *414* patients:

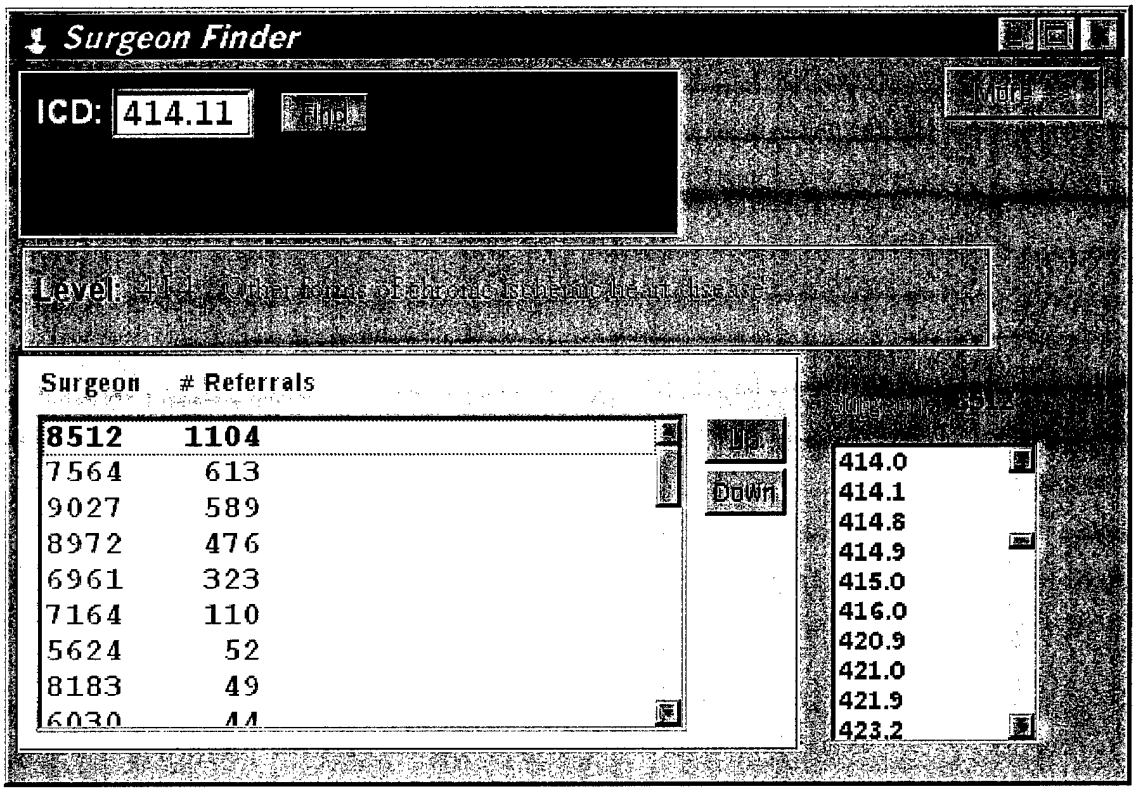


Figure BJ-17

As displayed in Figure BJ-17, a significant number of surgeons have had experience with forms of *chronic ischemic heart disease* classified as *other* (414 codes at their *base-number* level). At this level, significantly more surgeons are available for selection. The Surgeon Finder, at all levels, also allows the user to see a list of ICD9 codes that a particular surgeon has dealt with.

If the user continued to move up in the ICD9 hierarchy, the Surgeon Finder would then move from the *base-number level* up to the next level, which is a range of base numbers under the heading, *Ischemic Heart Disease* (ICD codes 410-414). Figure BJ-18 shows the results of moving up one more level.

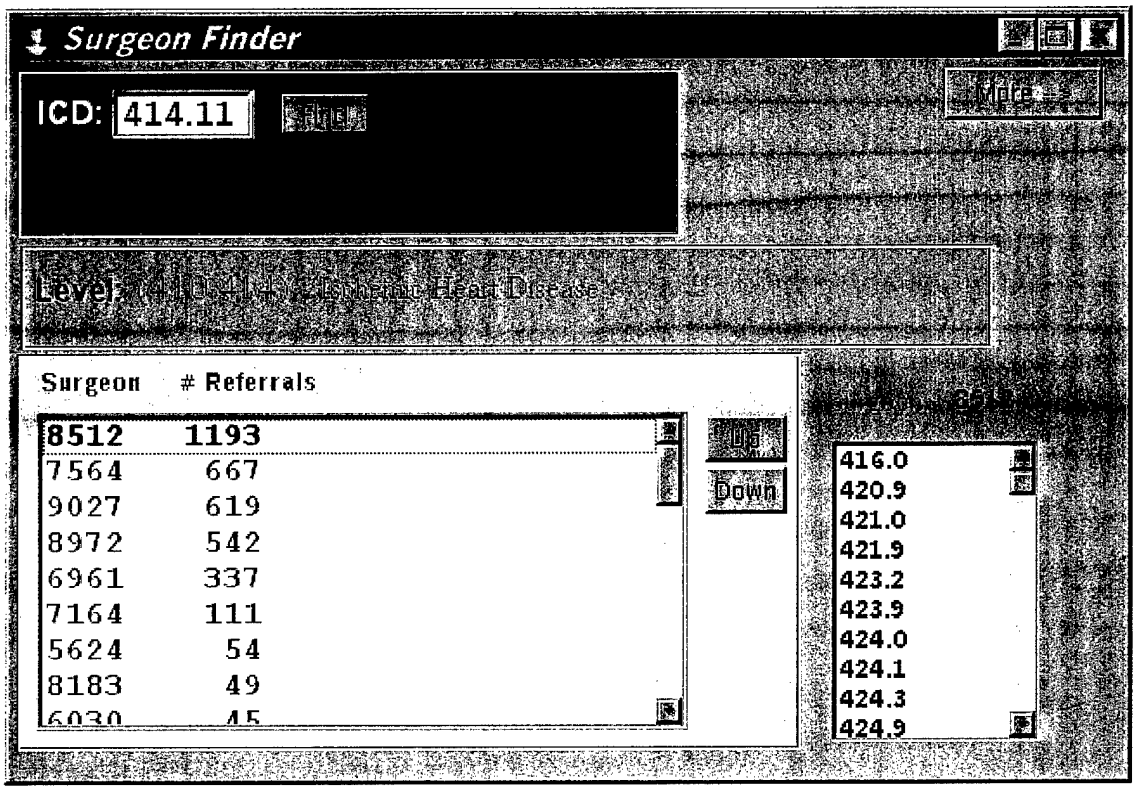


Figure BJ-18

Surgeon Categorization

In order to route patients to appropriate surgeons, a categorization of the surgeons was required. The Surgeon Finder software was quite effective in guiding patients to surgeons who were experienced with other similar patients. However the question as to how far a patient must travel to find a qualified surgeon remains.

A helpful tool in deciding which surgeons are appropriate is *surgeon categorization*. The task was to separate surgeons into three groups: *Specialists*, who specialized in a few types of patients; *Sub-specialists*, who specialized in even fewer types of patients; and *Generalists*, who deal with many different patients with many different diagnoses.

The categorizations are based on the Hirschman-Herfinadahl Index (HHI) for each surgeon. The HHI is a standard concentration measure used by economists and lawyers for quantifying the degree of monopoly in a market. The larger the value of the HHI, the more economic power is concentrated on a small number of firms. See William G. Shepherd, The Economics of Industrial Organization, Third Edition, Prentice-Hall: Englewood Cliffs, NJ, 1990, for a discussion of the HHI, alternative measures of concentration, and their use in economics. If we consider surgeons analogous to industries, and the observed ICD9s as analogous to firms in an industry, then the HHI might be a useful measure of the degree of surgeon specialization.

Surgeon	HHI	# of Consults
2847	1307.52	37
2852	393.82	732
2855	5917.97	32
2856	461.07	279
2865	1124.26	13
2869	661.16	22
2871	656.99	103
2924	340.25	102
2945	2800.00	5
2947	3333.33	3
2972	2163.05	39
2985	188.02	220
2994	453.51	42
3018	5000.00	2
3026	10000.00	1
3031	833.33	12
3062	4575.00	40
3114	10000.00	4
3147	1083.68	27
3148	341.86	59
3368	864.20	18
3372	1851.85	9
3375	2098.77	9
3390	689.06	76
3399	2500.00	4

Figure BJ-19

Using surgeons in the place of markets and ICD9 instances in the place of firms, HHI values were calculated for each surgeon. Figure BJ-19 shows a subset of all surgeons' HHI scores.

Surgeons were then grouped into the three separate categories based on their ICD9-based HHI scores. Surgeons with HHI scores in the top 25th percentile were considered *sub-specialists*. Surgeons between the 50th and 75th percentiles were considered *specialists*. All other surgeons, with HHI scores in the bottom half of the

population, were considered *generalists*. Figure BJ-20 shows some of the groupings.

Surgeon	HHI	# of Consults	Category (overall)
1150	5243.76	29	Sub-Specialist
1339	1090.12	199	Specialist
1352	1065.76	21	Specialist
1357	2048.61	24	Sub-Specialist
1358	485.10	356	Generalist
1361	1155.02	170	Specialist
1479	1059.01	653	Specialist
1497	343.78	1015	Generalist
1521	291.11	1607	Generalist
1524	196.88	181	Generalist
1532	1083.74	560	Specialist
1635	239.95	303	Generalist
1686	1017.45	1452	Specialist
1731	278.77	698	Generalist
1735	455.81	897	Generalist
1739	2555.65	541	Sub-Specialist
1792	1117.86	119	Specialist
1797	1191.41	32	Specialist
1802	780.53	66	Specialist
1807	100.80	909	Generalist
1839	321.32	744	Generalist
2002	4648.53	21	Sub-Specialist

Figure BJ-20

After all ICD9 HHI scores were calculated and all surgeons were categorized, we further evaluated the validity of this categorization method. Lists and tables were constructed which listed surgeons who had worked at UW, HMC, or at both hospitals:

HHIs According to ICD9 Codes

	Both Hospitals		HMC		UW		
Surgeon	HHI	Category	HHI	Category	HHI	Category	Match?
6930	305.76	Generalist			307.14	Generalist	1
6960	1280.28	Specialist	1280.28	Specialist			1
6961	3419.80	Sub-Specialist	2396.69	Sub-Specialist	3561.91	Sub-Specialist	1
6983	598.30	Generalist	598.3	Generalist			1
6995	200.36	Generalist	200.36	Generalist			1
7000	909.09	Specialist			1172.84	Specialist	1
7001	809.32	Specialist			809.32	Specialist	1
7012	347.16	Generalist	644.53	Generalist	648.42	Generalist	1
7020	769.02	Specialist	1753.44	Sub-Specialist	859.18	Specialist	0
7030	1400.00	Specialist					1
7052	1124.26	Specialist			1124.26	Specialist	1
7056	147.12	Generalist	127.92	Generalist	378.6	Generalist	1
7093	893.99	Specialist	1488	Sub-Specialist	907.35	Specialist	0
7099	418.88	Generalist			414.88	Generalist	1
7163	588.43	Generalist			687.19	Generalist	1
7164	2789.78	Sub-Specialist			2789.78	Sub-Specialist	1
7270	214.16	Generalist	769.23	Specialist	218.78	Generalist	0
7272	571.66	Generalist	601.02	Generalist	834.57	Specialist	0
7276	1984.39	Sub-Specialist			2017.06	Sub-Specialist	1
7300	373.43	Generalist	1000	Specialist	476.19	Generalist	0

Figure BJ-21

Figure BJ-21 shows some cases where surgeons have different types of scores in different hospitals. However, in most cases, surgeons' HHI scores were very similar in both hospitals.

Surgeon Categorization according to CPT-based HHI scores

Up to this point, we've calculated HHI scores and categorized surgeons based on ICD9 codes. These ICD9-based HHI calculations indicate how specialized surgeons are at treating patients with particular diagnoses. However, it could also be helpful to know how specialized surgeons are at performing particular procedures (CPTs). On one hand, we can classify surgeons according to patient *problems* (ICD9s); on the other hand, we can classify surgeons

according to the *solutions*, or the procedures (CPTs) used to treat the problems.

CPT-based HHI scores were calculated for each of the surgeons who had performed procedures at either or both hospitals (UW and HMC). Once again, the surgeons with HHI scores above the 75th percentile were considered *sub-specialists*. Surgeons between the 50th and 75th percentile were then considered *specialists*; other surgeons under the 50th percentile were then again referred to as *generalists*.

Tables were again made to evaluate the surgeons' new CPT-based HHI scores. The new CPT-based tables looked very similar to the ICD9-based tables. Most of the surgeons who had performed procedures in both hospitals had similar HHI scores for each hospital. Most surgeons who were *generalists* in their UW practices were also *generalists* in their HMC practices. The same went for *sub-specialists*. In some cases, a surgeon would be either a *generalist* or a *sub-specialist* at one hospital, but be a *specialist* at the other hospital; however, the categorizations almost never jumped over the intermediate (specialist) group. Figure BJ-21 shows part of the table that was constructed.

HHIs According to CPT Codes

	Both Hospitals		HMC		UW		
Surgeon	HHI	Category	HHI	Category	HHI	Category	Match?
6930	413.47	Generalist			415.25	Generalist	1
6960	1211.07	Specialist	1211.07	Specialist			1
6961	776.92	Specialist	1074.38	Specialist	808.90	Specialist	1
6983	902.10	Specialist	902.1	Specialist			1
6995	621.90	Specialist	621.9	Specialist			1
7000	1322.31	Sub-Specialist			1666.67	Sub-Specialist	1
7001	4127.06	Sub-Specialist			4127.06	Sub-Specialist	1
7012	257.08	Generalist	468.75	Generalist	505.65	Generalist	1
7020	1344.03	Sub-Specialist	1386.92	Sub-Specialist	1872.45	Sub-Specialist	1
7030	1200.00	Specialist					
7052	2071.01	Sub-Specialist			2071.01	Sub-Specialist	1
7056	199.53	Generalist	213.07	Generalist	291.56	Generalist	1
7093	672.05	Specialist	1200	Specialist	649.69	Specialist	1
7099	337.57	Generalist			339.33	Generalist	1
7163	514.05	Generalist			583.28	Generalist	1
7164	855.62	Specialist			855.62	Specialist	1
7270	130.78	Generalist	769.23	Specialist	132.63	Generalist	0
7272	226.49	Generalist	233.99	Generalist	350.62	Generalist	1
7276	2104.50	Sub-Specialist			2139.26	Sub-Specialist	1
7300	294.61	Generalist	1000	Specialist	335.10	Generalist	1

Figure BJ-22

Similarities and Differences between ICD9-based and CPT-based Categorizations

The next task was to find out if a surgeon who is a sub-specialist due to his ICD9 (diagnosis)-based HHI score, is also a sub-specialist due to his CPT (procedure)-based HHI score. In other words, we had to find out if there were a significant number of surgeons who specialized in a particular type of diagnosis, but performed a broad range of procedures; and vice versa.

In order to evaluate this concept, a confusion matrix was built that contained information on surgeon-classifications. It compared the surgeon-classifications decided by ICD9-based HHI scores and the surgeon-classifications decided by CPT-based HHI scores:

HMC and UW Surgeons

Surgeon groups (Generalist, Sub-Specialist, Specialist) based on diagnosis (ICD9s) compared to Surgeon groups based on medical procedures (CPTs)

(Surgeon groups based on HHI percentiles from both HMC and UW)

		CPT			
		Generalist	Specialist	Sub-Specialist	
ICD9	Generalist	**104**	**14**	**2**	120
	Specialist	**11**	**27**	**22**	60
	Sub-Specialist	**5**	**19**	**37**	61
		120	60	61	**241**

Figure BJ-23

Figure BJ-23 shows that 61% of *ICD9 sub-specialists* are also *CPT sub-specialists*; also, most of the other 39% are classified as *specialists*. Only in 7 of the 241 cases are there surgeons with both *sub-specialist* and *generalist* classifications. This shows that there is a connection between ICD9-based classification and CPT-based classification. Similar confusion matrices were constructed that made the same distinctions for each hospital separately (Figures BJ-24 and BJ-25)

UW Surgeons

Surgeon groups (Generalist, Specialist, Sub-Specialist) based on diagnosis (ICD9s) compared to Surgeon groups based on medical procedures (CPTs)

(Surgeon groups based on HHI percentiles from both HMC and UW)

		CPT			
		Generalist	Specialist	Sub-Specialist	
ICD9	Generalist	**58**	**7**	**1**	66
	Specialist	**14**	**26**	**14**	54
	Sub-Specialist	**4**	**21**	**31**	56
		76	54	46	**176**

Figure BJ-24

HMC Surgeons

Surgeon groups (Generalist, Specialist, Sub-Specialist) based on diagnosis (ICD9s) compared to Surgeon groups based on medical procedures (CPTs)

(Surgeon groups based on HHI percentiles from both HMC and UW)

		CPT			
		Generalist	Specialist	Sub-Specialist	
ICD9	Generalist	61	8	1	70
	Specialist	3	30	5	38
	Sub-Specialist	0	8	15	23
		64	46	21	131

Figure BJ-25

Specialization of Hospitals

Surgeon categorization also allowed us to evaluate the level of specialization in the two separate hospitals (UW and HMC):

Groupings based on ICD9s			
	Generalists	Specialists	Sub-Specialists
Both HMC and UW	50%	25%	25%
HMC	53%	29%	18%
UW	38%	31%	32%

Groupings based on CPTs			
	Generalists	Specialists	Sub-Specialists
Both HMC and UW	50%	25%	25%
HMC	49%	35%	16%
UW	43%	31%	26%

Figure BJ-26

These results (Figure BJ-26) show that more of the surgeons at UW would be considered specialists than at HMC.

UW is a tertiary care University medical center, and HMC is primarily a trauma center, so the numerical results are consistent with our expectations. Also, note that the results of ICD9-based groupings are very similar to those of CPT-based results.

Using Surgeon-Classification in the Surgeon-Finder Software

Now that we had developed a mechanism to assign the classifications "sub-specialist," "specialist," and "generalist," we proceeded to integrate those classifications into the Surgeon Finder program. The original Surgeon Finder program allowed the user to enter an ICD9 code, and in returned a list of surgeons who were experienced with treating that ICD9 code or ICD9 codes similar to it. The original program, however, displayed only the number of times a surgeon was referred to. It did not take into account whether or not the surgeon was specialized in that field, or whether he was simply experienced in all fields, including that field. This information could prove to be vital in situations where sub-specialists are required. Also, the information can be helpful in situations where a patient does not need a sub-specialist, and instead simply wants the closest available general surgeon.

Prior to the HHI-based categorization of surgeons, the Surgeon Finder displayed every surgeon regardless of his specialization, or lack thereof. Integrating the idea of surgeon categorization, the new Surgeon Finder allows the user to select a desired scope of surgeons:

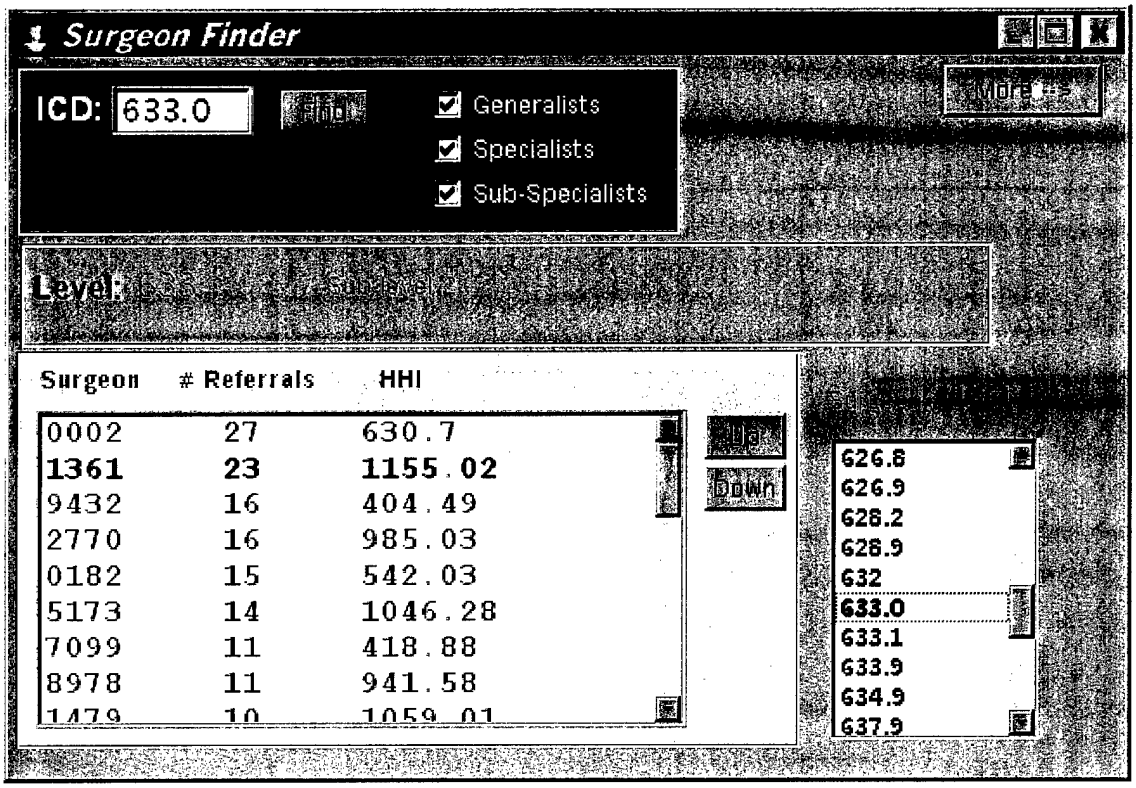


Figure BJ-27

Figure BJ-27 displays the user's new options with the new Surgeon Finder software. Not only can the user now observe and sort surgeons based on their HHI values (degree of specialty), but the user can also choose whether to filter out certain classifications of surgeons:

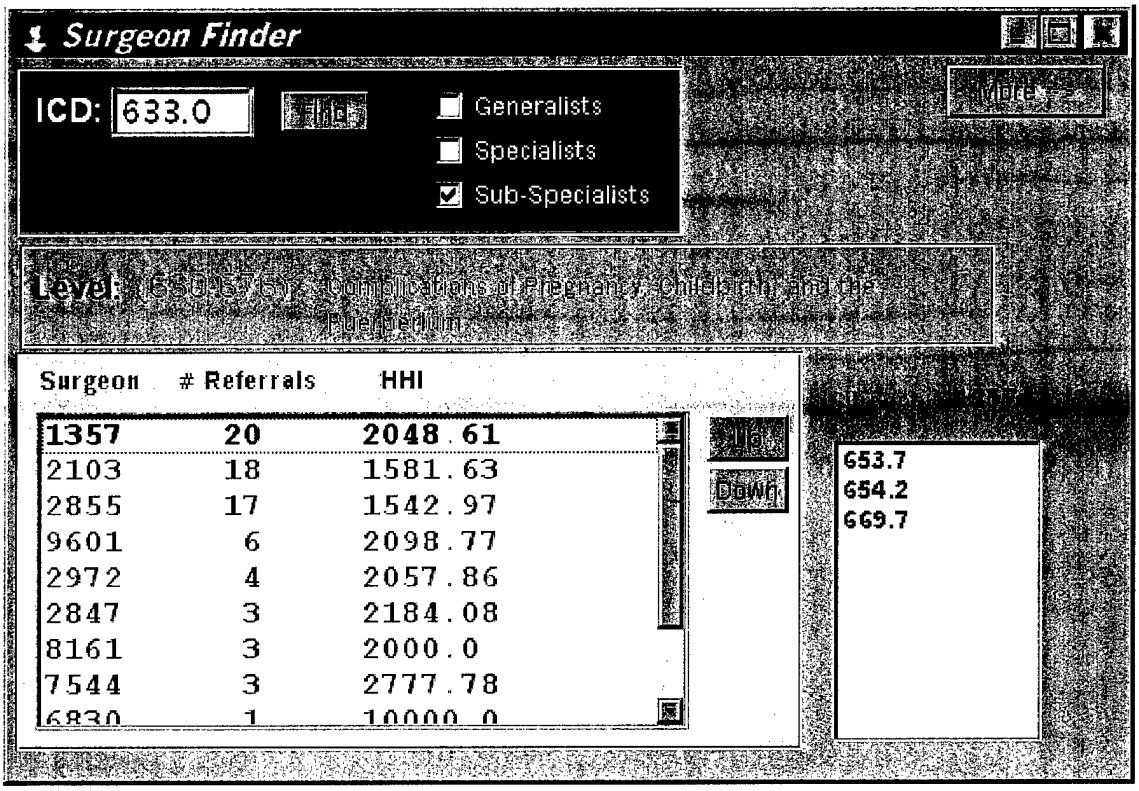


Figure BJ-28

Figure BJ-28 displays an instance where the user desired only sub-specialists. By having only the "Sub-Specialist" box selected, the Surgeon Finder returns only Sub-Specialists who have dealt with similar diagnoses.

Naive Classifier For Use in General Medicine (ICD9 Classifier)

The naive classifier already produced successful results in Dentistry fields. However, it had yet to been tested under more general fields of medicine. Using the statistics from the UW and HMC information, a naive classifier was constructed that classified general medical consults.

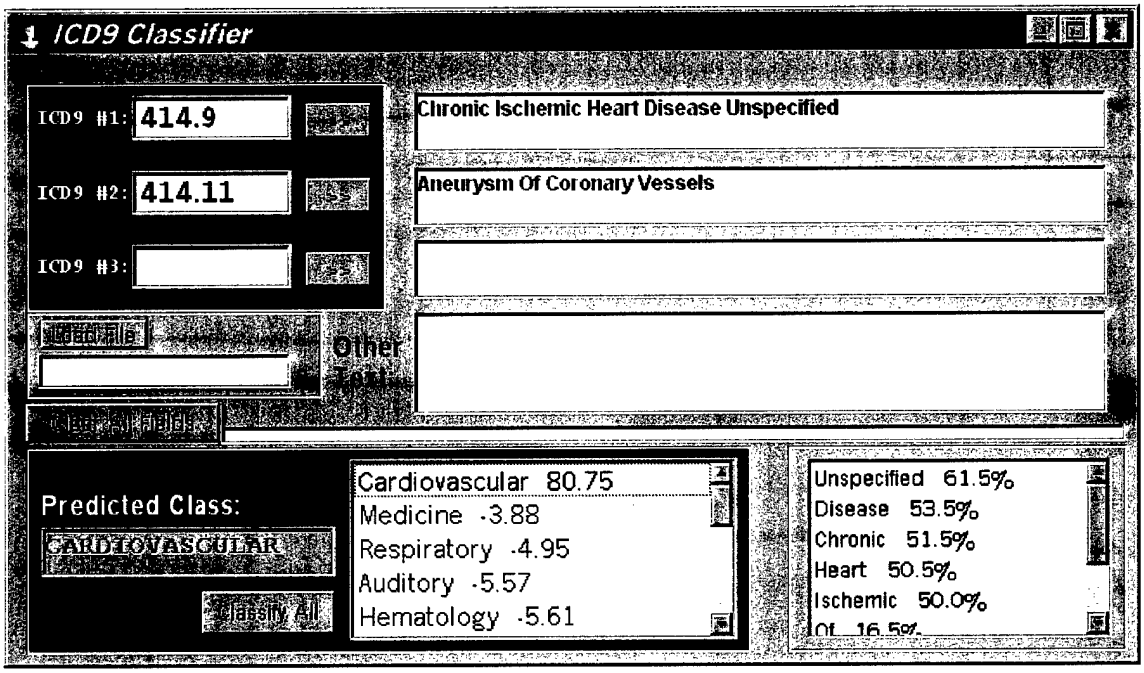


Figure BJ-29

The naive ICD9 Classifier allows a user to enter ICD9 codes as well as other patient descriptions. The consult is classified by using the list of words found in the descriptions of ICD9 codes, as well as the additional text. In Figure BJ-29, an obvious *Cardiovascular* consult is categorized. A classification with a relative score as high as 80.75 assures that, out of the given categories, the chosen category is almost certainly the correct category. However, when the ICD9 codes and other descriptions are more ambiguous, the relative classifier scores will be much closer.

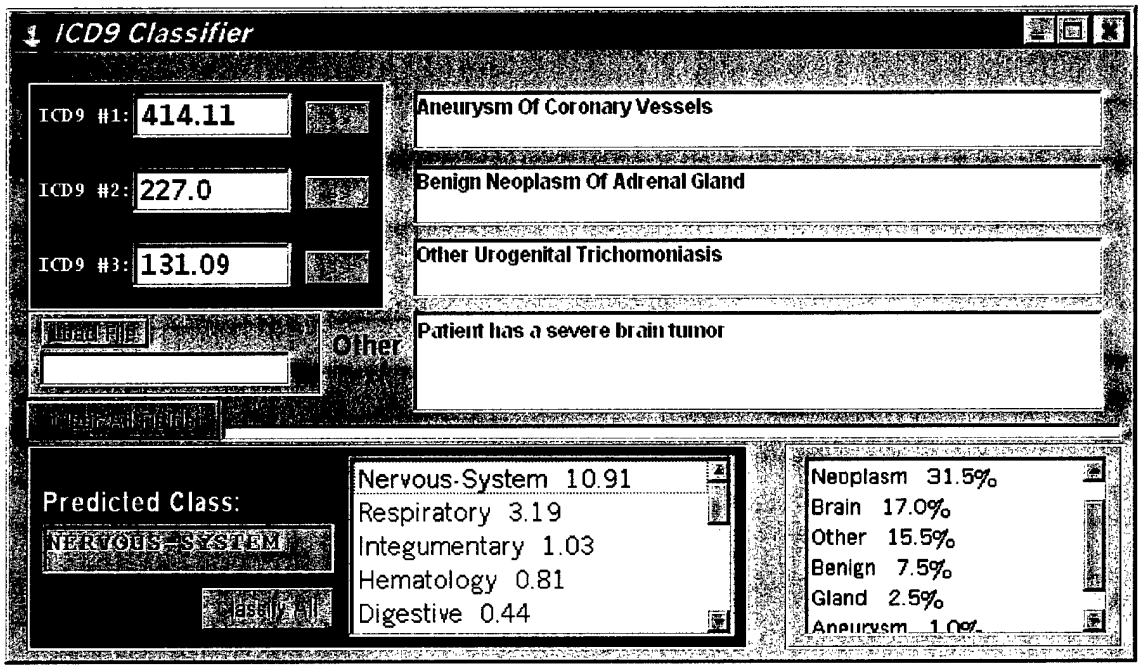


Figure BJ-30

In Figure BJ-30, the classifier is given a very ambiguous diagnosis. Although the three ICD9 codes and the additional commentary are very different from each other, the ICD9 Classifier is still able to return the most likely specialty, based only on the actual words in the descriptions.

Testing on Naive Classifier in General Medicine

Tests were run in order to evaluate the performance of naive classification in general medicine.

Actual	Predicted							
	Cardiovascular	Digestive	Eye & Adnexa	Female Genital	Integumentary	Musculoskeletal	Nervous System	Urinary
	22	0	1	1	1	2	1	2
	0	16	4	3	3	0	2	2
	0	0	25	0	1	1	0	3
	0	3	0	19	3	0	1	4
	1	4	1	0	19	3	1	1
	0	1	0	2	4	23	0	0
	1	2	0	1	0	0	22	4
	1	3	3	2	1	1	0	19

Figure BJ-31

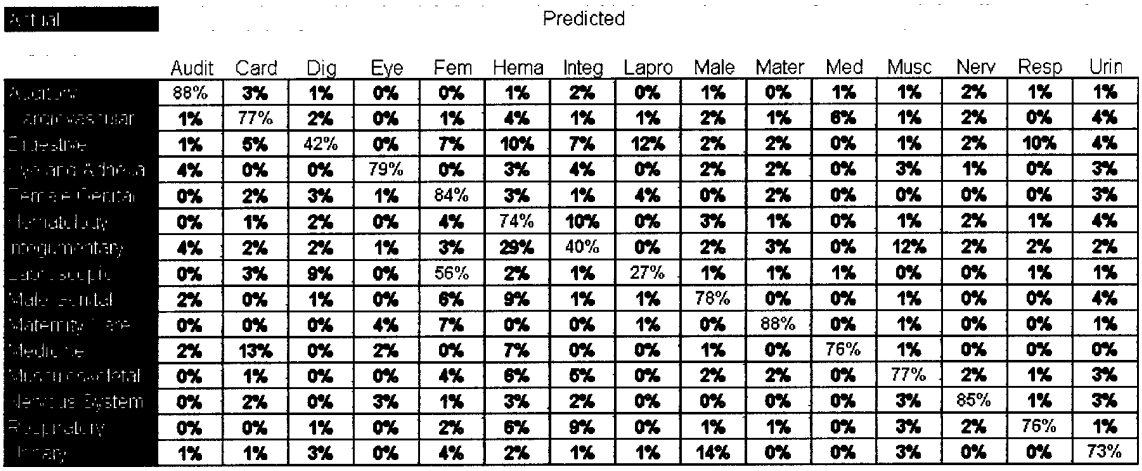
In order to test the naive classifier's performance in general medicine, we started by taking a subset of the 20 main CPT categories. Figure BJ-31 shows the confusion matrix for the initial test. We took 8 of the main groups with 65 or more instances, and used 35 instances of each group to build the training set. We then tested 30 other instances for each separate group.

The classifier, which works by converting each ICD9 code into its description (e.g. 414.9 ==> "Chronic Ischemic Heart Disease Unspecified"), yielded very promising results. Note that we used only exact matches of words, which meant we did not consider words with a common root but different suffixes to be the same.

The next step was to observe the classifier's performance when using more than 8 of the groups, and more than 30 test cases. Since the classifier seems to work best with an evenly distributed data set, we built a model where each category had 200 instances in its training-set, and 200 instances in its testing-set. Since at least 400 items were required for each category in this test, the 15 categories with 400 or more items were selected for use.

	Predicted															
	Audit	Card	Dig	Eye	Fem	Hema	Integ	Lapro	Male	Mater	Med	Musc	Nerv	Resp	Urin	
Auditory	176	6	1	0	0	1	3	0	2	0	2	2	3	2	2	200
Cardiovascular	1	154	3	0	1	7	2	1	4	1	11	2	4	0	8	199
Digestive	1	9	84	0	13	20	13	23	3	4	0	1	3	19	7	200
Eye and Adnexa	6	0	0	157	0	6	6	0	3	3	0	5	2	0	6	198
Female Genital	0	4	5	1	168	5	1	8	0	3	0	0	0	0	5	200
Hematology	0	2	3	0	7	147	19	0	6	1	0	2	3	1	7	198
Integumentary	7	4	3	1	5	57	80	0	3	6	0	23	3	4	4	200
Laproscopic	0	5	16	0	112	3	2	54	1	1	1	0	0	1	2	200
Male Genital	4	0	1	0	11	17	2	1	155	0	0	2	0	0	7	200
Maternity Care	0	0	0	7	14	0	0	2	0	175	0	1	0	0	1	200
Medicine	3	25	0	3	0	14	0	0	1	0	151	1	0	0	0	198
Musculoskeletal	0	1	0	0	7	12	10	0	3	3	0	154	3	1	6	200
Nervous System	0	4	0	6	1	5	4	0	0	0	0	5	169	1	5	200
Respiratory	0	0	1	0	3	11	17	0	1	2	0	5	4	152	2	198
Urinary	1	2	5	0	7	3	2	1	28	0	0	5	0	0	146	200
	201	216	124	175	349	308	163	90	210	199	165	208	194	181	208	2991

Figure BJ-32



Actual	Predicted														
	Audit	Card	Dig	Eye	Fem	Hema	Integ	Lapro	Male	Mater	Med	Musc	Nerv	Resp	Urin
[illegible]	88%	3%	1%	0%	0%	1%	2%	0%	1%	0%	1%	1%	2%	1%	1%
[illegible]	1%	77%	2%	0%	1%	4%	1%	1%	2%	1%	6%	1%	2%	0%	4%
[illegible]	1%	5%	42%	0%	7%	10%	7%	12%	2%	2%	0%	1%	2%	10%	4%
[illegible]	4%	0%	0%	79%	0%	3%	4%	0%	2%	2%	0%	3%	1%	0%	3%
[illegible]	0%	2%	3%	1%	84%	3%	1%	4%	0%	2%	0%	0%	0%	0%	3%
[illegible]	0%	1%	2%	0%	4%	74%	10%	0%	3%	1%	0%	1%	2%	1%	4%
[illegible]	4%	2%	2%	1%	3%	29%	40%	0%	2%	3%	0%	12%	2%	2%	2%
[illegible]	0%	3%	9%	0%	56%	2%	1%	27%	1%	1%	1%	0%	0%	1%	1%
[illegible]	2%	0%	1%	0%	6%	9%	1%	1%	78%	0%	0%	1%	0%	0%	4%
[illegible]	0%	0%	0%	4%	7%	0%	0%	1%	0%	88%	0%	1%	0%	0%	1%
[illegible]	2%	13%	0%	2%	0%	7%	0%	0%	1%	0%	76%	1%	0%	0%	0%
[illegible]	0%	1%	0%	0%	4%	6%	5%	0%	2%	2%	0%	77%	2%	1%	3%
[illegible]	0%	2%	0%	3%	1%	3%	2%	0%	0%	0%	0%	3%	85%	1%	3%
[illegible]	0%	0%	1%	0%	2%	6%	9%	0%	1%	1%	0%	3%	2%	76%	1%
[illegible]	1%	1%	3%	0%	4%	2%	1%	1%	14%	0%	0%	3%	0%	0%	73%

Figure BJ-33

Figures BJ-22 and BJ-23 show remarkably good results. With the exception of the Laproscopic, Integumentary, and Digestive categories, the classifier correctly identified 70% to 90% of its test items. Figure BJ-33 shows both the actual confusion matrix resulting from the test and the percentage in each *actual vs. predicted* category.

Again, in this test, only exact matches of words were considered. Words with common roots were still being recognized separately. Therefore, it seemed possible that the three challenging categories (Laproscopic, Integumentary, and Digestive) might work out better if the words were grouped by root, as opposed to all being treated as distinct. In order to test a model that considered some words with common roots to be equal, a classifier was built that recognized only the first *n* letters of every word.

Actual	Predicted															
	Audit	Card	Dig	Eye	Fem	Hema	Integ	Lapro	Male	Mater	Med	Musc	Nerv	Resp	Urin	
Auditory	176	6	1	0	0	0	3	0	2	0	2	3	3	3	1	200
Cardiovascular	0	158	2	0	5	7	1	2	3	2	7	2	6	0	4	199
Digestive	2	5	87	0	13	20	9	24	2	11	0	1	2	20	4	200
Eye and Adnexa	6	0	1	157	0	6	10	0	5	4	0	4	2	2	1	198
Female Genital	0	4	6	1	170	4	1	10	0	2	0	0	0	0	3	200
Hematology	0	2	1	0	7	151	18	0	7	1	0	0	3	1	7	198
Integumentary	3	4	3	1	6	60	77	0	3	5	0	26	5	2	5	200
Laproscopic	0	5	20	0	96	1	2	71	0	1	1	0	2	1	0	200
Male Genital	0	0	1	0	11	9	2	1	165	0	0	1	4	1	5	200
Maternity Care	0	0	1	7	14	1	0	2	0	174	0	0	0	0	1	200
Medicine	1	28	0	5	0	14	1	0	1	0	148	0	0	0	0	198
Musculoskeletal	0	1	3	0	2	12	10	0	3	3	0	156	3	6	1	200
Nervous System	0	2	5	3	2	7	6	0	0	0	0	5	167	2	1	200
Respiratory	0	0	1	0	5	8	15	0	2	2	0	7	5	152	1	198
Urinary	1	16	0	0	11	0	3	3	28	1	0	3	1	1	132	200
	189	231	131	174	342	300	158	113	221	206	158	208	203	191	166	2991

Figure BJ-34

Actual	Predicted														
	Audit	Card	Dig	Eye	Fem	Hema	Integ	Lapro	Male	Mater	Med	Musc	Nerv	Resp	Urin
Auditory	88%	3%	1%	0%	0%	0%	2%	0%	1%	0%	1%	2%	2%	2%	1%
Cardiovascular	0%	79%	1%	0%	3%	4%	1%	1%	2%	1%	4%	1%	3%	0%	2%
Digestive	1%	3%	44%	0%	7%	10%	5%	12%	1%	6%	0%	1%	1%	10%	2%
Eye and Adnexa	3%	0%	1%	79%	0%	3%	5%	0%	3%	2%	0%	2%	1%	1%	1%
Female Genital	0%	2%	3%	1%	85%	2%	1%	5%	0%	1%	0%	0%	0%	0%	2%
Hematology	0%	1%	1%	0%	4%	76%	9%	0%	4%	1%	0%	0%	2%	1%	4%
Integumentary	2%	2%	2%	1%	3%	30%	39%	0%	2%	3%	0%	13%	3%	1%	3%
Laproscopic	0%	3%	10%	0%	48%	1%	1%	36%	0%	1%	1%	0%	1%	1%	0%
Male Genital	0%	0%	1%	0%	6%	5%	1%	1%	83%	0%	0%	1%	2%	1%	3%
Maternity Care	0%	0%	1%	4%	7%	1%	0%	1%	0%	87%	0%	0%	0%	0%	1%
Medicine	1%	14%	0%	3%	0%	7%	1%	0%	1%	0%	74%	0%	0%	0%	0%
Musculoskeletal	0%	1%	2%	0%	1%	6%	5%	0%	2%	2%	0%	78%	2%	3%	1%
Nervous System	0%	1%	3%	2%	1%	4%	3%	0%	0%	0%	0%	3%	84%	1%	1%
Respiratory	0%	0%	1%	0%	3%	4%	8%	0%	1%	1%	0%	4%	3%	76%	1%
Urinary	1%	8%	0%	0%	6%	0%	2%	2%	14%	1%	0%	2%	1%	1%	66%

Figure BJ-35

Figures BJ-34 and BJ-35 show the results of considering all words beginning with the same four letters to be the same. This method, which attempted to sort words by *root*, did not seem to make much difference compared to the *exact match* method. Other tests were then run using the first 5, 6, and 7 letters of words, but those made even less difference than the initial 4-letter root test. As seen in Figure BJ-36, this *root* method inaccurately grouped some very different words together:

(**with** **with**out)

(**proc**edure **proc**tocolitis)

(**hear**ing **heart**)

(**poly**morphonuclear **poly**ostotic **poly**neuritis...)

(**post**surgical **post**partum **post**menopausal...)

Figure BJ-36

Despite these obvious mistakes, the results didn't change much. The Laproscopic category improved slightly, and the overall performance was improved by 0.7%. It seems, in order to effectively group words by root, an electronic thesaurus may be required.

Testing Sub-Categories of the Cardiovascular Class

The next task was to classify more specific CPT categories. Under the each of the main CPT categories, there exist more specific sub-categories. We took the 22 sub-categories of the Cardiovascular category and ran tests to see whether or not the naive classifier could handle more specific categorizations.

The first test used every Cardiovascular sub-class with at least 20 related consults:

	Pace	Veno	Thro	Thor	Bypa	Vasc	Card	Aort	Dire	Liga	Sept	Hear	Expl	Inte	Embo	Peri
Pace	235	27	0	0	0	0	2	0	0	0	1	13	0	0	0	0
Veno	0	1651	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Thro	0	8	47	0	7	0	0	0	0	0	0	0	0	0	5	0
Thor	0	1	0	42	0	0	4	0	7	0	0	0	0	0	0	1
Bypa	0	1	7	3	61	0	0	0	6	0	0	0	0	0	7	0
Vasc	0	13	0	0	1	34	0	0	0	0	0	7	2	0	1	0
Card	1	6	0	0	0	1	231	0	0	0	0	0	0	0	0	2
Aort	0	0	0	0	0	0	0	36	0	0	1	0	0	0	0	0
Dire	0	4	2	10	4	0	0	0	34	0	0	0	0	0	0	0
Liga	0	0	0	0	0	0	0	0	0	23	0	0	2	0	2	0
Sept	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0	0
Hear	0	3	0	0	0	0	0	0	0	0	0	46	0	0	0	0
Expl	0	2	1	1	3	0	0	0	1	0	0	0	103	0	6	5
Inte	0	0	2	0	0	0	0	0	0	0	0	0	0	0	6	0
Embo	0	1	7	0	0	0	0	0	0	0	0	0	0	0	13	0
Peri	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	19

Pace	**65%**	Pacemaker or Defibrillator
Veno	**99%**	Venous Grafting Only for Coronary Artery Bypass
Thro	**62%**	Thromboendarterectomy
Thor	**71%**	Thoracic Aortic Aneurysm
Bypa	**62%**	Bypass Graft
Vasc	**15%**	Vascular Injection Procedures
Card	**79%**	Cardiac Valves
Aort	**92%**	Aortic Anomalies
Dire	**62%**	Direct Repair of Aneurysm or Excision (Partial or Total) and Graft
Liga	**58%**	Ligation and Other Procedures
Sept	**78%**	Septal Defect
Hear	**71%**	Heart /Lung Transplantation
Expl	**74%**	Exploration
Inte	**0%**	Intervascular Cannulization or Shunt
Embo	**41%**	Embolectomy/Thrombectomy
Peri	**68%**	Pericardium

Figure BJ-37

Figure BJ-37 shows that the initial testing of more specific categorization had some success. In the next step, however, we wanted to try using an unevenly distributed training set, which better represented the overall distribution of the sub-categories. We randomly assigned half of the data to the training set and the rest to the test set.

Actual / Predicted

	VENO	PACE	VASC	CARD	EXPL	BYPA	INTE	THRO	THOR	HEAR	DIRE	LIGA	EMBO	ARTE	AORT	SEPT	OTHE	PERI	TOTAL
VENO	1651	0	0	1	0	0	0	0	0	0	0	0	4	2	0	0	1	0	1659
PACE	27	279	0	2	0	0	1	0	0	14	0	0	6	0	0	2	28	2	361
VASC	11	1	82	4	2	1	50	0	0	12	0	1	12	2	0	1	46	0	225
CARD	6	2	1	266	0	0	0	1	0	1	0	0	0	1	0	0	10	2	290
EXPL	2	0	0	0	103	5	6	1	1	0	1	1	6	0	0	0	7	6	139
BYPA	1	0	0	0	0	67	1	5	3	0	8	2	8	0	0	0	3	1	99
INTE	0	1	2	0	0	1	51	2	0	0	0	0	9	1	0	0	3	0	70
THRO	8	0	0	0	0	10	2	48	0	0	0	0	6	2	0	0	0	0	76
THOR	1	0	0	4	0	0	0	0	42	0	7	0	0	0	0	0	4	1	59
HEAR	3	0	0	0	0	0	0	0	0	55	0	0	0	0	0	0	5	0	63
DIRE	4	0	0	0	0	4	0	2	10	0	34	0	0	0	0	0	0	1	55
LIGA	0	0	1	0	2	2	0	0	0	0	0	25	2	0	0	0	8	0	40
EMBO	1	0	0	0	0	2	4	7	0	0	0	0	15	0	0	0	2	0	31
ARTE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
AORT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	1	1	0	39
SEPT	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	15	1	1	18
OTHE	5	15	0	1	2	0	0	0	0	2	0	1	0	0	0	1	17	1	45
PERI	0	1	0	1	1	0	0	0	0	0	0	0	1	1	0	0	2	21	28
TOT	1721	299	86	279	110	92	115	67	56	84	50	30	69	9	37	20	138	36	3298

VENO	VEN IN-GRAFTING-ONLY-FOR-CORONARY-ARTERY-BYPASS	99.5%
PACE	PACEMAKER-OR-DEFIBRILLATOR	77.3%
VASC	VASCULAR INJECTION PROCEDURES	36.4%
CARD	CARDIAC-VALVES	91.7%
EXPL	EXPLORATION	74.1%
BYPA	BYPASS-GRAFT	67.7%
INTE	INTRAVASCULAR CANNULATION OF SHUNT	72.9%
THRO	THROMBOENDARTERECTOMY	63.2%
THOR	THORACIC AORTIC ANEURYSM	71.2%
HEAR	HEART-LUNG-TRANSPLANTATION	87.3%
DIRE	DIRECT-REPAIR-OF-ANEURYSM-OR-EXCISION-PARTIAL-OR-TOT	61.8%
LIGA	LIGATION-AND-OTHER-PROCEDURES	62.5%
EMBO	EMBOLECTOMY-THROMBECTOMY	48.4%
ARTE	ARTERIAL-GRAFTING-FOR-CORONARY-ARTERY-BYPASS	0.0%
AORT	AORTIC-ANOMALIES	94.9%
SEPT	SEPTAL-DEFECT	83.3%
OTHE	OTHER-PROCEDURES	37.8%
PERI	PERICARDIUM	75.0%

Figure BJ-38

This test (Figure BJ-38) actually yielded better results, perhaps due to the more realistic distribution of Cardiovascular sub-categories.

Next, we tested using a more evenly balanced training set in order to observe the difference between the two methods (even vs. uneven data-set). A training set of size 50 was used for each sub-category that contained 50 or more instances. Eighteen of the classes could be tested with this method. Figures BJ-39 and BJ-40 display the results of this test.

Predicted

	PERI	OTHE	SEPT	AORT	ARTE	EMBO	LIGA	DIRE	HEAR	THOR	THRO	INTE	BYPA	EXPL	CARD	VASC	PACE	VENO	TOT
	4	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	5
	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	5
	0	0	5	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	6
	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
ARTE	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	30
	0	0	0	0	1	21	0	0	0	0	9	7	3	2	0	0	0	0	43
	1	0	0	0	0	4	35	1	1	0	1	2	2	2	0	2	1	0	52
	1	0	0	0	5	0	0	45	0	13	2	0	4	0	0	0	0	0	70
	1	1	0	0	4	2	2	0	70	0	0	0	0	0	0	0	0	0	80
	1	0	1	0	1	2	1	10	1	81	0	0	0	0	9	0	0	0	107
	0	0	0	0	11	13	0	1	0	0	65	2	13	0	0	0	1	2	108
	2	1	0	0	0	23	1	0	0	0	2	92	1	3	0	2	1	1	129
	0	0	0	0	4	19	3	12	0	3	10	2	123	1	0	0	0	0	177
	13	0	0	0	1	31	2	1	0	1	3	13	9	203	0	0	0	2	279
	10	1	3	0	20	4	0	0	4	2	2	0	0	2	486	0	4	5	543
	33	3	6	0	21	84	7	6	46	0	2	187	32	17	0	332	11	7	794
	5	33	1	0	55	2	0	0	44	1	6	0	23	7	4	0	630	4	815
VENO	0	0	0	0	2322	0	1	0	3	0	0	0	1	0	1	0	2	49	2379
TOTAL	71	43	16	9	2475	206	52	76	169	101	103	305	211	237	500	336	651	70	5631

PERI	PERICARDIUM
OTHE	OTHER-PROCEDURES
SEPT	SEPTAL-DEFECT
AORT	AORTIC-ANOMALIES
ARTE	ARTERIAL-GRAFTING-FOR-CORONARY-ARTERY-BYPASS
EMBO	EMBOLECTOMY-THROMBECTOMY
LIGA	LIGATION-AND-OTHER-PROCEDURES
DIRE	DIRECT-REPAIR-OF-ANEURYSM-OR-EXCISION-PARTIAL-OR-TOTAL-AND-GRAFT-INSERTION-FOR-ANEURYSM-FALSE-ANEURYSM-RUPTURED-ANEURYSM-AND-ASSOCIATED-OCCLUSIVE-DISEASE
HEAR	HEART-LUNG-TRANSPLANTATION
THOR	THORACIC-AORTIC-ANEURYSM
THRO	THROMBOENDARTERECTOMY
INTE	INTERVASCULAR-CANNULIZATION-OR-SHUNT
BYPA	BYPASS-GRAFT
EXPL	EXPLORATION
CARD	CARDIAC-VALVES
VASC	VASCULAR-INJECTION-PROCEDURES
PACE	PACEMAKER-OR-DEFIBRILLATOR
VENO	VENOUS-GRAFTING-ONLY-FOR-CORONARY-ARTERY-BYPASS

Figure BJ-39

		# Correctly Classified	# in Class	Pct. Correct
PERI	PERICARDIUM	4	5	**80%**
OTHE	OTHER-PROCEDURES	4	5	**80%**
SEPT	SEPTAL-DEFECT	5	6	**83%**
AORT	AORTIC-ANOMALIES	9	9	**100%**
ARTE	ARTERIAL-GRAFTING-FOR-CORONARY-ARTERY-BYPASS	30	30	100%
EMBO	EMBOLECTOMY-THROMBECTOMY	21	43	49%
LIGA	LIGATION-AND-OTHER-PROCEDURES	35	52	67%
DIRE	DIRECT-REPAIR-OF-ANEURYSM-OR-EXCISION-PARTIAL-OR-TOTAL-AND-GRAFT-INSERTION-FOR	45	70	64%
HEAR	HEART-LUNG-TRANSPLANTATION	70	80	88%
THOR	THORACIC-AORTIC-ANEURYSM	81	107	76%
THRO	THROMBOENDARTERECTOMY	65	108	60%
INTE	INTERVASCULAR-CANNULIZATION-OR-SHUNT	92	129	71%
BYPA	BYPASS-GRAFT	123	177	69%
EXPL	EXPLORATION	203	279	73%
CARD	CARDIAC-VALVES	486	543	90%
VASC	VASCULAR-INJECTION-PROCEDURES	332	794	42%
PACE	PACEMAKER-OR-DEFIBRILLATOR	630	815	77%
VENO	VENOUS-GRAFTING-ONLY-FOR-CORONARY-ARTERY-BYPASS	49	2379	2%
TOT	TOTAL	2284	5631	**41%**

Over 70%
60-70%
Under 60%
(For classes with at least 20 test cases)

Figure BJ-40

This method, for most sub-categories, was somewhat more effective. However, a major problem with this method was the *VENO* class. VENO includes about 42% of all the observations, posing a problem for the type of reasoning used in the classifier.

Again, we tried a similar test method. By using a data set of size 25, we were able to incorporate all 22 Cardiovascular sub-categories.

	COMB	WOUN	REPB	REPA	PERI	OTHE	SEPT	AORT	ARTE	EMBO	LIGA	DIRE	HEAR	THOR	THRO	INTE	BYPA	EXPL	CARD	VASC	VENO	PACE	TOT
COMB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOUN	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
REPB	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2
REPA	0	0	0	2	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	5
PERI	1	0	1	0	22	0	0	0	0	2	0	0	0	0	0	0	1	1	1	0	1	0	30
OTHE	4	0	0	0	0	13	0	0	0	0	0	0	2	0	1	0	0	2	0	0	0	8	30
SEPT	0	0	0	0	0	0	26	0	0	1	1	1	0	0	2	0	0	0	0	0	0	0	31
AORT	0	0	0	0	0	0	2	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34
ARTE	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	55
EMBO	2	0	4	1	0	0	0	0	0	31	0	1	0	0	12	8	7	2	0	0	0	0	68
LIGA	1	0	2	3	1	0	0	0	0	4	51	2	1	0	2	3	3	2	0	2	0	0	77
DIRE	5	12	1	0	1	0	0	0	0	1	1	64	0	2	3	1	4	0	0	0	0	0	95
HEAR	9	0	0	0	0	1	0	0	0	0	4	0	91	0	0	0	0	0	0	0	0	0	105
THOR	3	34	0	0	1	0	1	0	0	1	1	10	1	66	1	0	0	0	11	0	2	0	132
THRO	16	0	0	1	0	0	0	0	0	11	0	0	0	0	85	1	16	0	0	0	2	1	133
INTE	2	0	10	9	0	1	0	0	0	27	1	0	0	0	2	97	1	0	0	2	1	1	154
BYPA	3	2	4	0	0	0	0	0	1	22	6	7	0	1	16	0	139	1	0	0	0	0	202
EXPL	6	1	7	3	11	1	0	0	0	29	1	3	0	0	3	8	8	223	0	0	0	0	304
CARD	30	1	1	0	4	4	2	0	0	5	0	1	4	1	2	0	0	2	507	0	2	2	568
VASC	74	9	19	11	5	13	6	0	0	49	14	12	46	0	4	182	13	13	0	333	11	5	819
VENO	2341	4	0	0	0	1	0	0	1	5	1	0	3	0	0	0	1	0	1	0	45	1	2404
PACE	65	1	33	0	1	99	1	0	1	0	0	1	42	1	6	0	23	1	4	0	3	558	840
TOT	2615	66	82	30	46	133	38	32	3	190	81	102	190	72	139	301	216	247	525	337	68	576	6089

Figure BJ-41

		Classified Correctly	# of Consults	Pct. Correct
COMB	COMBINED-ARTERIAL-VENOUS-GRAFTING-FOR-CORONARY-BYPASS	0	0	0%
WOUN	WOUNDS-OF-THE-HEART-AND-GREAT-VESSELS	1	1	100%
REPB	REPAIR-BLOOD-VESSEL-OTHER-THAN-FOR-FISTULA-WITH-OR-WITHOUT-PATCH-ANGIOPLASTY	0	2	0%
REPA	REPAIR-ARTERIOVENOUS-FISTULA	2	5	40%
PERI	PERICARDIUM	22	30	73%
OTHE	OTHER-PROCEDURES	13	30	43%
SEPT	SEPTAL-DEFECT	26	31	84%
AORT	AORTIC-ANOMALIES	32	34	94%
ARTE	ARTERIAL-GRAFTING-FOR-CORONARY-ARTERY-BYPASS	0	55	0%
EMBO	EMBOLECTOMY-THROMBECTOMY	31	68	46%
LIGA	LIGATION-AND-OTHER-PROCEDURES	51	77	66%
DIRE	DIRECT-REPAIR-OF-ANEURYSM-OR-EXCISION-PARTIAL-OR-TOTAL-AND-GRAFT-INSERTION-FOR-ANEU	64	95	67%
HEAR	HEART-LUNG-TRANSPLANTATION	91	105	87%
THOR	THORACIC-AORTIC-ANEURYSM	66	132	50%
THRO	THROMBOENDARTERECTOMY	85	133	64%
INTE	INTERVASCULAR-CANNULIZATION-OR-SHUNT	97	154	63%
BYPA	BYPASS-GRAFT	139	202	69%
EXPL	EXPLORATION	223	304	73%
CARD	CARDIAC-VALVES	507	568	89%
VASC	VASCULAR-INJECTION-PROCEDURES	333	819	41%
VENO	VENOUS-GRAFTING-ONLY-FOR-CORONARY-ARTERY-BYPASS	45	2404	2%
PACE	PACEMAKER-OR-DEFIBRILLATOR	558	840	66%
		2386	6089	39%

Over 70%
60-70%
Under 60%
(For classes with at least 20 test cases)

	Classified Correctly	# of Consults	Pct. Correct
TOTAL	2341	3685	64%

(minus VENO class)

Figure BJ-42

The results shown in Figures BJ-41 and BJ-42 were not as good as those shown in Figures BJ-39 and BJ-40. While the new test (Figures BJ-41 and BJ-42) allowed for more categories, it did not have as big of a data set as the

test in Figures BJ-39 and BJ-40. This shows the struggle between having enough information in the training set, and being able to assess a large number of categories.

Testing Integumentary Sub-categories

After evaluating the performance of the naive classifier with specific Cardiovascular sub-categories, we also tried similar tests for the Integumentary class.

In these tests, we randomly split each sub-category into two separate groups - groups A and B. These divisions are shown in Figure BJ-43.

	Total	A	B
EXCISION	372	187	185
REPAIR-AND-OR-RECONSTRUCTION	232	113	119
INCISION-AND-DRAINAGE	227	110	117
EXCISION-DEBRIDEMENT	225	103	122
DESTRUCTION-BENIGN-OR-PREMALIGNANT-LESIONS	157	76	81
FREE-SKIN-GRAFTS	150	72	78
FLAPS-SKIN-AND-OR-DEEP-TISSUES	146	63	83
REPAIR-COMPLEX	137	77	60
EXCISION-BENIGN-LESIONS	110	49	61
ADJACENT-TISSUE-TRANSFER-OR-REARRANGEMENT	102	50	52
OTHER-REPAIR-PROCEDURES	89	52	37
PRESSURE-ULCERS-DECUBITUS-ULCERS	80	42	38
EXCISION-MALIGNANT-LESIONS	76	35	41
MISCELLANEOUS	37	15	22
OTHER-FLAPS-AND-GRAFTS	30	12	18
REPAIR-INTERMEDIATE	30	14	16
OTHER-DESTRUCTION-PROCEDURES	18	9	9
INTRODUCTION	17	7	10
MOHS-MICROGRAPHIC-SURGERY	17	13	4
OTHER-BREAST-PROCEDURES	17	9	8
REPAIR-SIMPLE	16	10	6
INCISION	13	9	4
NAILS	9	4	5
BIOPSY	4	2	2
BURNS-LOCAL-TREATMENT	3	3	
REMOVAL-OF-SKIN-TAGS	2	2	
DESTRUCTION-MALIGNANT-LESIONS-ANY-METHOD	1		1

Figure BJ-43

Testing on the Integumentary sub-categories was then done by first using A as the training set while testing B; then by using B as the training set while testing A.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Total
A	7	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
B	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2
C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	0	0	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	7
E	1	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	9
F	1	0	6	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	10
G	0	0	2	0	0	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	13
H	0	2	11	0	0	0	6	10	0	0	4	0	0	0	0	0	0	0	0	0	0	0	2	0	0	35
I	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	1	0	0	0	0	0	1	5	0	1	12
J	0	2	2	0	0	0	0	1	0	63	2	0	0	0	0	0	0	0	6	0	0	0	0	0	0	76
K	0	8	10	0	0	0	3	0	0	0	15	2	0	0	0	2	0	0	7	1	0	1	0	0	0	49
L	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	4
M	0	5	24	0	0	18	10	2	0	0	0	3	0	1	0	0	1	0	0	1	0	0	6	5	1	77
N	0	2	4	0	0	1	1	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	2	1	0	14
O	1	6	24	1	1	3	4	1	0	0	0	13	0	0	5	2	5	0	1	11	0	9	5	8	2	102
P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	15
Q	0	5	15	0	0	1	6	3	0	0	1	9	0	0	2	1	5	0	0	3	0	5	10	5	1	72
R	1	1	10	0	0	0	9	1	0	0	3	4	0	0	0	1	1	0	1	0	0	6	23	1	1	63
S	0	0	2	0	0	0	0	0	0	5	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	9
T	10	11	26	0	0	2	2	0	0	0	2	7	0	0	1	2	0	0	0	44	0	1	2	0	0	110
U	5	0	7	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	45	0	0	53	0	113
V	0	1	3	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	35	0	0	0	42
W	0	3	7	1	0	0	9	1	0	0	2	4	0	1	0	0	0	0	0	0	0	3	17	2	0	50
X	4	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	4	0	0	176	0	187
Y	1	10	6	0	0	3	2	0	0	0	3	3	0	1	0	0	0	0	0	1	1	2	3	0	16	52
	31	59	171	2	4	29	58	20	0	68	37	47	0	4	9	26	12	0	15	64	51	63	84	256	22	1132

Code	Description	Number correctly classified	Total	Percent correctly classified
A	INCISION	7	9	78%
B	BIOPSY	0	2	0%
C	DESTRUCTION-MALIGNANT-LESIONS-ANY-METHOD	0	0	N/A
D	INTRODUCTION	0	7	0%
E	OTHER-BREAST-PROCEDURES	0	9	0%
F	REPAIR-SIMPLE	1	10	10%
G	MOHS-MICROGRAPHIC-SURGERY	4	13	31%
H	EXCISION-MALIGNANT-LESIONS	10	35	29%
I	OTHER-FLAPS-AND-GRAFTS	0	12	0%
J	DESTRUCTION-BENIGN-OR-PREMALIGNANT-LESIONS	63	76	83%
K	EXCISION-BENIGN-LESIONS	15	49	31%
L	NAILS	0	4	0%
M	REPAIR-COMPLEX	0	77	0%
N	REPAIR-INTERMEDIATE	0	14	0%
O	EXCISION-DEBRIDEMENT	5	102	5%
P	MISCELLANEOUS	15	15	100%
Q	FREE-SKIN-GRAFTS	5	72	7%
R	FLAPS-SKIN-AND-OR-DEEP-TISSUES	0	63	0%
S	OTHER-DESTRUCTION-PROCEDURES	0	9	0%
T	INCISION-AND-DRAINAGE	44	110	40%
U	REPAIR-AND-OR-RECONSTRUCTION	45	113	40%
V	PRESSURE-ULCERS-DECUBITUS-ULCERS	35	42	83%
W	ADJACENT-TISSUE-TRANSFER-OR-REARRANGEMENT	17	50	34%
X	EXCISION	176	187	94%
Y	OTHER-REPAIR-PROCEDURES	16	52	31%
	Overall	458	1132	40%

Figure BJ-44

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Total
A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	1	2	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	3	0	1	0	0	10
E	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	4
F	0	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	2	0	0	0	0	2	0	0	0	9
G	5	6	1	0	0	0	0	1	1	0	3	0	0	0	0	0	0	0	0	2	0	2	31	0	0	0	52
H	4	1	2	0	0	0	0	1	0	0	1	0	0	0	0	2	0	0	0	1	1	0	3	0	0	0	16
I	4	1	2	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	2	6	0	0	0	18
J	4	6	2	0	0	0	0	0	2	11	2	2	0	1	0	0	0	0	1	1	0	2	1	0	0	1	36
K	0	8	1	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0	1	0	0	2	5	0	0	0	41
L	0	6	6	1	0	0	0	0	0	1	20	16	1	2	0	1	0	1	0	1	0	1	4	0	0	0	61
M	13	8	4	0	2	0	0	4	2	0	3	2	2	0	0	1	1	0	1	8	1	4	26	0	0	1	83
N	1	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	1	0	0	0	0	0	0	0	22
O	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	5
P	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	6
Q	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	4	0	0	0	0	8
R	4	0	0	0	0	0	0	0	0	0	1	7	0	0	0	0	0	69	0	0	0	0	0	0	0	0	81
S	14	23	3	1	2	0	0	1	0	0	2	3	0	2	0	6	7	0	50	0	0	2	0	0	0	1	117
T	3	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	31	0	0	0	0	0	1	38
U	12	7	2	0	0	0	0	2	0	0	5	0	2	0	0	5	0	0	1	2	9	2	10	0	0	1	60
V	3	5	0	0	4	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	167	0	3	0	0	185
W	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	4
X	7	5	1	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	38	0	65	0	0	119
Y	23	7	7	0	0	0	0	1	0	0	3	0	0	0	1	7	0	0	2	5	1	1	15	0	1	4	78
Z	13	23	4	3	3	0	0	4	0	0	2	4	0	2	1	9	1	0	19	13	3	4	2	0	1	11	122
Total	114	115	38	6	16	0	0	14	6	14	68	39	7	28	2	32	12	72	78	65	17	234	109	69	2	20	1177

Code	Description	Number correctly classified	Total	Percent correctly classified
A	REMOVAL-OF-SKIN-TAGS	0	0	0%
B	BIOPSY	0	2	0%
C	BURNS-LOCAL-TREATMENT	0	0	0%
D	INTRODUCTION	1	10	10%
E	INCISION	2	4	50%
F	OTHER-DESTRUCTION-PROCEDURES	0	9	0%
G	ADJACENT-TISSUE-TRANSFER-OR-REARRANGEMENT	0	52	0%
H	REPAIR-INTERMEDIATE	1	16	6%
I	OTHER-FLAPS-AND-GRAFTS	1	18	6%
J	OTHER-REPAIR-PROCEDURES	11	36	31%
K	EXCISION-MALIGNANT-LESIONS	24	41	59%
L	EXCISION-BENIGN-LESIONS	16	61	26%
M	FLAPS-SKIN-AND-OR-DEEP-TISSUES	2	83	2%
N	MISCELLANEOUS	20	22	91%
O	NAILS	0	5	0%
P	REPAIR-SIMPLE	0	6	0%
Q	OTHER-BREAST-PROCEDURES	1	8	13%
R	DESTRUCTION-BENIGN-OR-PREMALIGNANT-LESIONS	69	81	85%
S	INCISION-AND-DRAINAGE	50	117	43%
T	PRESSURE-ULCERS-DECUBITUS-ULCERS	31	38	82%
U	REPAIR-COMPLEX	9	60	15%
V	EXCISION	167	185	90%
W	MOHS-MICROGRAPHIC-SURGERY	4	4	100%
X	REPAIR-AND-OR-RECONSTRUCTION	65	119	55%
Y	FREE-SKIN-GRAFTS	1	78	1%
Z	EXCISION-DEBRIDEMENT	11	122	9%
	Total	486	1177	41%

Figure BJ-45

Both tests (Figures BJ-44 and BJ-45) show that an unevenly trained data set performs quite poorly for the Integumentary categories. In order to handle this more difficult category, we used the even approach. By using 50-consult training sets for each sub-category with at least 50 instances, we built an evenly distributed data set.

Actual	Predicted													
	EXCM	PRES	OTHE	ADJA	EXCB	REPC	FLAP	FREE	DEST	EXCD	INCI	REPA	EXCI	Total
[illegible]	19	0	0	2	4	0	0	0	0	0	0	0	1	26
[illegible]	0	24	0	0	2	1	0	0	0	1	2	0	0	30
[illegible]	2	2	21	3	4	1	2	0	0	0	3	0	1	39
[illegible]	7	3	1	28	2	3	6	0	0	1	0	0	1	52
[illegible]	7	1	1	6	35	3	0	2	1	1	3	0	0	60
[illegible]	14	0	1	15	0	39	4	1	0	0	9	0	4	87
[illegible]	3	10	3	52	8	5	5	2	0	0	6	0	2	96
[illegible]	8	8	2	22	3	15	7	15	1	6	10	0	3	100
[illegible]	4	0	1	0	12	0	0	0	90	0	0	0	0	107
[illegible]	3	17	5	13	6	17	7	12	3	17	55	2	17	174
[illegible]	3	2	0	7	7	13	2	0	0	15	122	3	3	177
[illegible]	2	0	1	2	0	1	2	0	0	3	1	90	80	182
[illegible]	3	0	0	4	1	0	0	0	0	0	1	5	308	322
Total	75	67	36	154	84	98	35	32	95	44	212	100	420	1452

		Correct	Total	Pct
[illegible]	EXCISION-MALIGNANT-LESIONS	19	26	73%
[illegible]	PRESSURE-ULCERS-DECUBITUS-ULCERS	24	30	80%
[illegible]	OTHER-REPAIR-PROCEDURES	21	39	54%
[illegible]	ADJACENT-TISSUE-TRANSFER-OR-REARRANGEMENT	28	52	54%
[illegible]	EXCISION-BENIGN-LESIONS	35	60	58%
[illegible]	REPAIR-COMPLEX	39	87	45%
[illegible]	FLAPS-SKIN-AND-OR-DEEP-TISSUES	5	96	5%
[illegible]	FREE-SKIN-GRAFTS	15	100	15%
[illegible]	DESTRUCTION-BENIGN-OR-PREMALIGNANT-LESIONS	90	107	84%
[illegible]	EXCISION-DEBRIDEMENT	17	174	10%
[illegible]	INCISION-AND-DRAINAGE	122	177	69%
[illegible]	REPAIR-AND-OR-RECONSTRUCTION	90	182	49%
[illegible]	EXCISION	308	322	96%
	OVERALL	813	1452	56%

Figure BJ-46

Figure BJ-46 shows that an evenly distributed training set works better for the difficult Integumentary category.

The exact same test was then run, this time on the Eye & Adnexa category. Figure BJ-47 shows the number of instances of each sub-category in the Eye & Adnexa category. Eleven of its sub-categories contained 50 or more consults. Therefore, the test was run using only those particular sub-categories.

Eye and Adnexa sub-class counts

Class	Items in Class
LENS	651
RETINAL-OR-CHOROID	535
VITREOUS	366
ANTERIOR-SCLERA	177
CORNEA	144
REMOVAL-OF-EYE	143
EXTRAOCULAR-MUSCLES	103
EYELIDS	74
ORBIT	70
REPAIR-OF-LACERATION	69
OTHER-PROCEDURES	61
ANTERIOR-CHAMBER	42
LACRIMAL-SYSTEM	29
SECONDARY-IMPLANT-PROCEDURES	23
REMOVAL-OF-FOREIGN-BODY	23
IRIS-CILIARY-BODY	9
EXCISION-AND-OR-DESTRUCTION	8
SCLERAL	7
CONJUNCTIVOPLASTY	7
INCISION-AND-DRAINAGE	1

Figure BJ-47

Actual	Predicted											
	OTHE	REPA	ORBI	EYEL	EXTR	REMO	CORN	ANTE	VITR	RETI	LENS	Total
OTHE	0	1	1	2	0	1	0	1	2	3	0	11
REPA	0	17	0	1	0	1	0	0	0	0	0	19
ORBI	1	0	9	1	0	4	0	3	1	1	0	20
EYEL	1	1	1	19	0	2	0	0	0	0	0	24
EXTR	0	0	8	0	45	0	0	0	0	0	0	53
REMO	0	14	18	5	1	46	0	5	1	2	0	92
CORN	7	10	3	0	0	12	55	4	0	0	3	94
ANTE	3	4	2	0	1	1	1	109	0	1	5	127
VITR	6	10	5	7	0	27	1	10	169	73	6	314
RETI	4	8	1	3	0	41	0	2	31	387	8	485
LENS	1	6	2	2	1	4	17	11	3	15	539	601
Total	23	71	50	40	48	139	74	145	207	482	561	1840

OTHE	OTHER-PROCEDURES	0	11	0%
REPA	REPAIR-OF-LACERATION	17	19	89%
ORBI	ORBIT	9	20	45%
EYEL	EYELIDS	19	24	79%
EXTR	EXTRAOCULAR-MUSCLES	45	53	85%
REMO	REMOVAL-OF-EYE	46	92	50%
CORN	CORNEA	55	94	59%
ANTE	ANTERIOR-SCLERA	109	127	86%
VITR	VITREOUS	169	314	54%
RETI	RETINAL-OR-CHOROID	387	485	80%
LENS	LENS	539	601	90%
	OVERALL	1395	1840	76%

Figure BJ-48

The results in Figure BJ-48 are much better than those in the Integumentary class (Figure BJ-47). This may be greatly due to the fact that Eye & Adnexa divisions seem more clear-cut than those of the Integumentary category.

Naive Tree Method

The naive classifier can only produce successful results when a significant amount of training items are available for each category in the range of categories to be classified. The classification of specific CPTs, therefore, is quite difficult, because the range of possible CPTs is so broad that, even in a very large set of data, some CPTs may be involved in very few, if any, instances. As a result, specific CPT classification is not

a good option under the current method of classification being used.

As we've already seen, the naive classifier is quite successful in sending ICD9s and other diagnoses to the 20 main CPT categories. Also, we've seen that given an ICD9 that belongs to *C* (one of the 20 main CPT categories), we can often successfully classify the ICD9 into the appropriate sub-category of *C*. Therefore, an effective solution to the specific CPT problem might lie in developing the method by which the classifier handles its levels of classes rather than in changing the naive method of the classifier. By using a hierarchical tree method, we can utilize the naive nature of the classifier at different levels of classification in order to narrow down the number of categories seen at each level.

The structure of the naive tree classifier is modeled after the hierarchical structure of the CPT code book. Under each of the 20 main CPT categories, another two mid-levels of categorization exist; and the bottom level, which consists of the actual specific CPTs, then falls under categories in one of each of the other three levels.

Denote the lowest level of the CPT hierarchy, which consists of specific CPTs, as Level 3. The level above that will be labeled Level 2, and the one above it Level 1. The top level, which consists of the 20 main CPT categories, will be referred to as Level 0. Figure BJ-49 shows this hierarchical structure of the CPT codes.

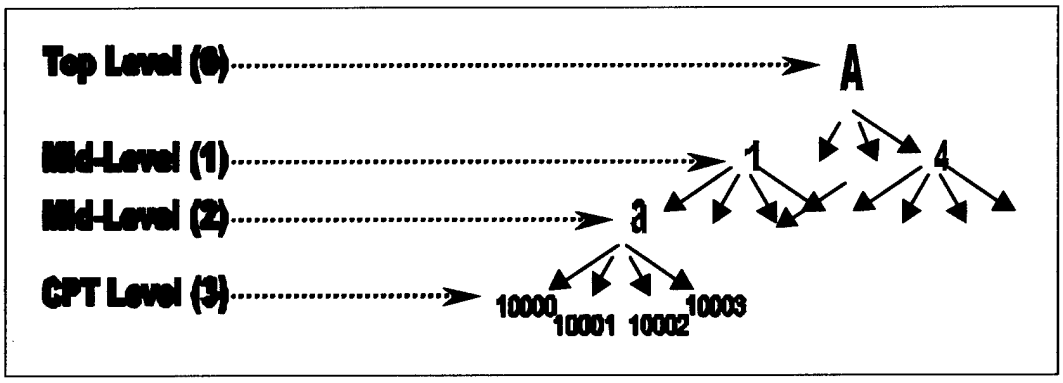


Figure BJ-49

When the naive tree classifier reads in an item, it first classifies the item at the most general level (0). Let's assume that out of the 20 main categories (Labeled A-T), the classifier first selects category 'A'. The next step in the process would be to again classify the same item, using the categories in Level 1. However, this time, the classifier will filter out all categories that aren't descendants of the Level 0 category, 'A'. The classifier will then proceed down the tree and finally select from a small group of similar CPTs.

This method takes advantage of the fact that levels higher in the tree are more general, and are easier to classify. It also allows the classifier to choose from a smaller group of categories, which, as we've seen, improves its performance.

Testing was done on the hierarchically structured *Eye and Adnexa* category, which is one of the 20 main CPT categories. For testing purposes, we assumed that the classifier would have chosen Eye & Adnexa to be the Level 0 category. We then tested the performance for each level of classification:

Actual	Predicted				
	Ocular Adnexa	Eyeball	Posterior Segment	Anterior Segment	TOTAL
Ocular Adnexa	78	13	2	4	97
Eyeball	10	93	3	5	111
Posterior Segment	12	136	628	31	807
Anterior Segment	6	65	19	732	822
TOTAL	106	307	652	772	1837

Figure BJ-50

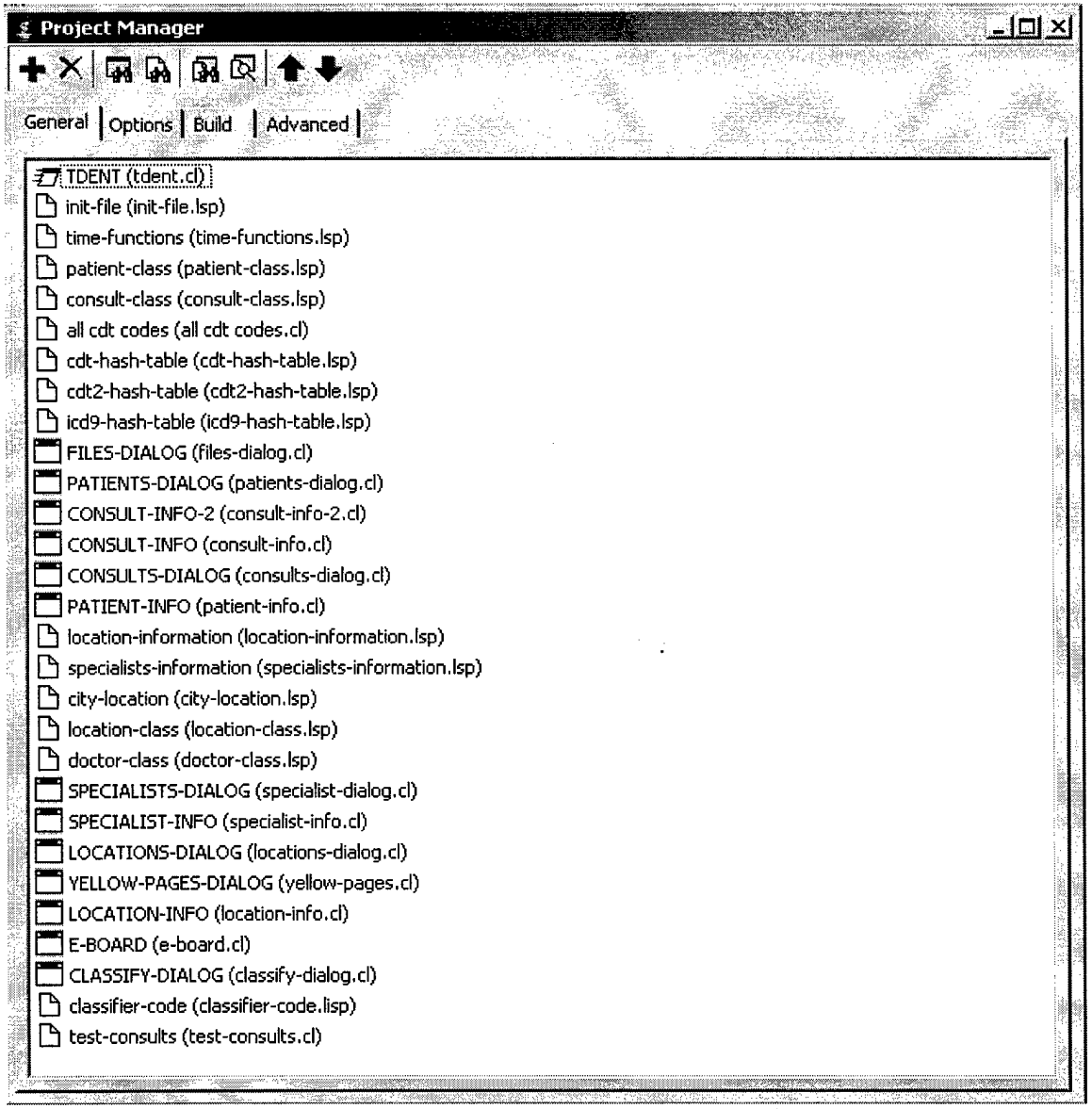
		Accuracy
Ocular Adnexa	EYE AND ADNEXA >> OCULAR ADNEXA	80%
Eyeball	EYE AND ADNEXA >> EYEBALL	84%
Posterior Segment	EYE AND ADNEXA >> POSTERIOR SEGMENT	78%
Anterior Segment	EYE AND ADNEXA >> ANTERIOR SEGMENT	89%

Figure BJ-51

These results, at Level 1 (Figures BJ-50 and BJ-51) were very successful. The next step in the complete CPT classification process is to classify the same text, using only the sub-specialties under the more general sub-specialty that was just selected. The classifier then continues to move down

Appendix 6:

Code listing for Teledental Consult Broker Prototype



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```
;; -*- lisp-version: "5.0.1 [Windows/x86] (6/29/99 16:50)"; common-graphics: "1.323.2.169"; -*-

(in-package :common-graphics-user)

(defpackage :common-graphics-user (:export))

(define-project :name :teledentistry
  :application-type (intern "Standard EXE" (find-package :keyword))
  :modules (list (make-instance 'form-module :name "tdent" :finder-function 'tdent :has-pixmap-file t :create-on-open t)
                 (make-instance 'module :name "init-file.lsp") (make-instance 'module :name "time-functions.lsp")
                 (make-instance 'module :name "patient-class.lsp") (make-instance 'module :name "consult-class.lsp")
                 (make-instance 'module :name "all cdt codes") (make-instance 'module :name "cdt-hash-table.lsp")
                 (make-instance 'module :name "cdt2-hash-table.lsp") (make-instance 'module :name "icd9-hash-table.lsp")
                 (make-instance 'form-module :name "files-dialog" :finder-function 'files-dialog :has-pixmap-file nil :create-on-open t)
                 (make-instance 'form-module :name "patients-dialog" :finder-function 'patients-dialog :has-pixmap-file nil :create-on-open t)
                 (make-instance 'form-module :name "consult-info-2" :finder-function 'consult-info-2 :has-pixmap-file t :create-on-open t)
                 (make-instance 'form-module :name "consult-info" :finder-function 'consult-info :has-pixmap-file nil :create-on-open t)
                 (make-instance 'form-module :name "consults-dialog" :finder-function 'consults-dialog :has-pixmap-file nil :create-on-open t)
                 (make-instance 'form-module :name "patient-info" :finder-function 'patient-info :has-pixmap-file nil :create-on-open t)
                 (make-instance 'module :name "location-information.lsp") (make-instance 'module :name "specialists-information.lsp")
                 (make-instance 'module :name "city-location.lsp") (make-instance 'module :name "location-class.lsp")
                 (make-instance 'module :name "doctor-class.lsp")
                 (make-instance 'form-module :name "specialist-dialog" :finder-function 'specialists-dialog :has-pixmap-file nil :create-on-open t)
                 (make-instance 'form-module :name "specialist-info" :finder-function 'specialist-info :has-pixmap-file nil :create-on-open t)
                 (make-instance 'form-module :name "locations-dialog" :finder-function 'locations-dialog :has-pixmap-file nil :create-on-open t)
                 (make-instance 'form-module :name "yellow-pages" :finder-function 'yellow-pages-dialog :has-pixmap-file nil :create-on-open t)
                 (make-instance 'form-module :name "location-info" :finder-function 'location-info :has-pixmap-file nil :create-on-open t)
                 (make-instance 'form-module :name "e-board" :finder-function 'e-board :has-pixmap-file nil :create-on-open t)
                 (make-instance 'form-module :name "classify-dialog" :finder-function 'classify-dialog :has-pixmap-file t :create-on-open t)
                 (make-instance 'module :name "classifier-code.lisp") (make-instance 'module :name "test-consults"))
  :projects nil
  :libraries nil
  :package-name "COMMON-GRAPHICS-USER"
  :main-form 'tdent
  :compilation-unit t
  :verbose nil
  :program-name "Allegro.Program"
  :readable-program-name "Allegro Program"
  :runtime-modules '(:cg :drag-and-drop :lisp-widget :multi-picture-button :common-control :edit-in-place :outline :grid :lisp-group-box :header-control
                     :progress-indicator-control :common-status-bar :tab-control :trackbar-control :up-down-control :dde :mci :carets :hotspots :menu-selection
                     :choose-list :directory-list :color-dialog :find-dialog :font-dialog :string-dialog :yes-no-list-dialog :list-view-control :ole
                     :ole-server :aclwin302)
  :help-file-module (make-instance 'build-module :name "")
  :splash-file-module (make-instance 'build-module :name "")
  :icon-file-module (make-instance 'build-module :name "")
  :include-flags '(:compiler :top-level)
  :build-flags '(:exit-after-build :allow-debug)
  :old-space-size 256000
  :new-space-size 6144
  :on-initialization 'default-init-function)

;; End of Project Definition
```

;; Code for the dialog :tdent

```
(in-package :common-graphics-user)

(defclass tdent (bitmap-window)
    ((tdent-files-dialog
      :accessor tdent-files-dialog
      :initform nil)
     (tdent-patients-dialog
      :accessor tdent-patients-dialog
      :initform nil)
     (tdent-consults-dialog
      :accessor tdent-consults-dialog
      :initform nil)
     (tdent-specialists-dialog
      :accessor tdent-specialists-dialog
      :initform nil)
     (tdent-locations-dialog
      :accessor tdent-locations-dialog
      :initform nil)
     (tdent-yellow-pages-dialog
      :accessor tdent-yellow-pages-dialog
      :initform nil)
     (tdent-e-board-dialog
      :accessor tdent-e-board-dialog
      :initform nil)
     (tdent-classify-dialog
      :accessor tdent-classify-dialog
      :initform nil)

     ;(tdent-selection-box
     ; :accessor tdent-selection-box
     ; :initform nil)
     ))



(defun menu-files-on-click (dialog)
   (declare (ignore-if-unused dialog))
   (show-files-dialog (parent dialog))
  t)

(defun toolbar-files-on-click (dialog widget)
  (declare (ignore-if-unused dialog widget))
  (show-files-dialog (parent dialog))
  t)

(defmethod show-files-dialog ((window tdent))
   (let* ((dialog (tdent-files-dialog window))
          (file-list nil))
      (when (or (not dialog)
                (not (windowp dialog)))
         (setq dialog (make-files-dialog :parent window))
         (setf (tdent-files-dialog window) dialog)
         (setf file-list
               (find-widget :file-list dialog))
         (setf (range file-list)
               (directory "E:\\Working Files\\Army\\GGTS Development\\TDent\\Data\\*.lsp"))
         (move-window dialog
           (window-to-screen-units window
             (make-position
```

```
            (- (+ (exterior-width dialog) 10))
            40))))
      (select-window dialog)))


(defun menu-patients-on-click (dialog)
   (declare (ignore-if-unused dialog))
   (show-patients-dialog (parent dialog))
   t)


(defun toolbar-patients-on-click (dialog widget)
   (declare (ignore-if-unused dialog widget))
   (show-patients-dialog (parent dialog))
   t)

(defmethod show-patients-dialog ((window tdent))
  (let* ((dialog (tdent-patients-dialog window))
         (patient-list nil))
    (when (or (not dialog)
              (not (windowp dialog)))
      (setq dialog (make-patients-dialog :parent window))
      (setf (tdent-patients-dialog window) dialog)
      (setf patient-list
        (find-widget :patient-list dialog))
      (setf (range patient-list)
        (remove 'temp-patient (list-of-instances temp-patient) :test #'equal))
      (move-window dialog
                   (window-to-screen-units window
                     (make-position
                      (- (+ (exterior-width dialog) 10) 150)
                      40))))
    (select-window dialog)))


(defun menu-consults-on-click (dialog)
  (declare (ignore-if-unused dialog))
  (show-consults-dialog (parent dialog))
  t)

(defun toolbar-consults-on-click (dialog widget)
  (declare (ignore-if-unused dialog widget))
  (show-consults-dialog (parent dialog))
  t)


(defmethod show-consults-dialog ((window tdent))
   (let* ((dialog (tdent-consults-dialog window))
          (consult-list nil))
      (when (or (not dialog)
                (not (windowp dialog)))
         (setq dialog (make-consults-dialog :parent window))
         (setf (tdent-consults-dialog window) dialog)
         (setf consult-list
               (find-widget :consult-list dialog))
         (setf (range consult-list)
           (remove 'temp-consult (list-of-instances temp-consult) :test #'equal))
        (move-window dialog
                     (window-to-screen-units window
                       (make-position
                        (- (+ (exterior-width dialog) 10) 150)
                        40))))
     (select-window dialog)))

(defun menu-specialists-on-click (dialog)
  (declare (ignore-if-unused dialog))
```

```
  (show-specialists-dialog (parent dialog))
  t)

(defun toolbar-specialists-on-click (dialog widget)
  (declare (ignore-if-unused dialog widget))
  (show-specialists-dialog (parent dialog))
  t)

(defmethod show-specialists-dialog ((window tdent))
   (let* ((dialog (tdent-specialists-dialog window))
          (specialist-list nil))
      (when (or (not dialog)
                (not (windowp dialog)))
         (setq dialog (make-specialists-dialog :parent window))
         (setf (tdent-specialists-dialog window) dialog)
         (setf specialist-list
               (find-widget :specialist-list dialog))
         (setf (range specialist-list)
           (remove 'temp-specialist (list-of-instances temp-specialist) :test #'equal))
        (move-window dialog
                     (window-to-screen-units window
                       (make-position
                        (- (+ (exterior-width dialog) 10) 150)
                        40))))
     (select-window dialog)))

(defun menu-locations-on-click (dialog)
  (declare (ignore-if-unused dialog))
  (show-locations-dialog (parent dialog))
  t)

(defun toolbar-locations-on-click (dialog widget)
  (declare (ignore-if-unused dialog widget))
  (show-locations-dialog (parent dialog))
  t)

(defmethod show-locations-dialog ((window tdent))
   (let* ((dialog (tdent-locations-dialog window))
          (location-list nil))
      (when (or (not dialog)
                (not (windowp dialog)))
         (setq dialog (make-locations-dialog :parent window))
         (setf (tdent-locations-dialog window) dialog)
         (setf location-list
               (find-widget :location-list dialog))
         (setf (range location-list)
           (bubble-sorter (remove 'temp-location (list-of-instances temp-location) :test #'equal)
                          #'(lambda (x) (printname (eval x))) #'string-lessp))
        (move-window dialog
                     (window-to-screen-units window
                       (make-position
                        (- (+ (exterior-width dialog) 10) 850)
                        40))))
     (select-window dialog)))

(defun menu-ggts-yellow-pages-on-click (dialog)
  (declare (ignore-if-unused dialog))
  (show-yellow-pages-dialog (parent dialog))
  t)

(defun toolbar-ggts-yellow-pages-on-click (dialog widget)
  (declare (ignore-if-unused dialog widget))
  (show-yellow-pages-dialog (parent dialog))
  t)
```

```
(defmethod show-yellow-pages-dialog ((window tdent))
  (let* ((dialog (tdent-yellow-pages-dialog window)))
    (when (or (not dialog)
              (not (windowp dialog)))
      (setq dialog (make-yellow-pages-dialog :parent window))
      (setf (tdent-yellow-pages-dialog window) dialog)
      (move-window dialog
                   (window-to-screen-units window
                     (make-position
                      (- (+ (exterior-width dialog) 10) 1300)
                      10))))
    (select-window dialog)
    ))


(defmethod close :before ((window tdent) &key)
  (let ((files-dialog (tdent-files-dialog window))
        (patients-dialog (tdent-patients-dialog window))
        (consults-dialog (tdent-consults-dialog window))
        (specialists-dialog (tdent-specialists-dialog window))
        (locations-dialog (tdent-locations-dialog window))
        (yellow-pages-dialog (tdent-yellow-pages-dialog window))
        (classify-dialog (tdent-classify-dialog window)))
    (when (and (windowp files-dialog)
               files-dialog)
      (close files-dialog))
    (setf (tdent-files-dialog window) nil)
    (when (and (windowp patients-dialog)
               patients-dialog)
      (close patients-dialog))
    (setf (tdent-patients-dialog window) nil)
    (when (and (windowp consults-dialog)
               consults-dialog)
      (close consults-dialog))
    (setf (tdent-consults-dialog window) nil)
    (when (and (windowp specialists-dialog)
               specialists-dialog)
      (close specialists-dialog))
    (setf (tdent-specialists-dialog window) nil)
    (when (and (windowp locations-dialog)
               locations-dialog)
      (close locations-dialog))
    (setf (tdent-locations-dialog window) nil)
    (when (and (windowp yellow-pages-dialog)
               yellow-pages-dialog)
      (close yellow-pages-dialog))
    (setf (tdent-yellow-pages-dialog window) nil)
    (when (and (windowp classify-dialog)
               classify-dialog)
      (close classify-dialog))
    (setf (tdent-classify-dialog window) nil))
  (close (patient-info))
  (close (consult-info))
  (close (consult-info-2))
  (close (specialist-info))
  (close (yellow-pages-dialog))
  (close (location-info))
  (close (e-board))
  (close (classify-dialog))

  )
```

```
(defun tdent-toolbar-display-selection-button-on-click (dialog widget)
  (declare (ignore-if-unused dialog widget))

   (let ((outline-choice nil))
      (setf outline-choice
               (dialog-field dialog :chooser-display-dropping-outline))

     (case outline-choice
       (:patients (toolbar-patients-on-click dialog widget))
       (:consults (toolbar-consults-on-click dialog widget))
       (:specialists (toolbar-specialists-on-click dialog widget))
       (:facilities (toolbar-locations-on-click dialog widget)))
    )

  t)


(defun close-tdent (dialog)
  (close (tdent)))



(defun new-consult-on-select (dialog)
  (declare (ignore-if-unused dialog))

  (select-window (consult-info-2))

  t)


(defun tdent-toolbar-new-consult-button-on-click-1 (dialog widget)
  (declare (ignore-if-unused dialog widget))

  (select-window (consult-info-2))

  t)

(defun tdent-toolbar-chooser-display-dropping-outline-on-change (widget new-value old-value)
  (declare (ignore-if-unused widget new-value old-value))

  ;(setf (range (dialog-field (tdent) :selection-list))
   ;     (list (remove 'temp-patient (list-of-instances temp-patient) :test #'equal)))

  ;(setf patient-list
   ;      (find-widget :selection-list 'tdent))
    ;  (setf (range patient-list)
     ;   (remove 'temp-patient (list-of-instances temp-patient) :test #'equal)

  t) ; Accept the new value

(defun tdent-toolbar-e-board-button-on-click (dialog widget)
  (declare (ignore-if-unused dialog widget))
  (show-e-board-dialog (parent dialog))
  t)


(defmethod show-e-board-dialog ((window tdent))
  (let* ((dialog (tdent-e-board-dialog window)))
    (when (or (not dialog)
              (not (windowp dialog)))
      (setq dialog (make-e-board :parent window))
      (setf (tdent-e-board-dialog window) dialog)
      )
    (select-window dialog)
    ))
```

```
(defun tdent-toolbar-classifier-button-on-click (dialog widget)
  (declare (ignore-if-unused dialog widget))
  (setq current-position 0)
  (setq test-consults NIL)
  (select-window (classify-dialog))
  t)
```

;;; code for init.lsp

```
(in-package :common-graphics-user)


(setf *class-list* '(patient consult-request doctor specialist referring location USA-forces EUCOM USAREUR ERDC ERMC 5thCORPS))


(defun string-to-symbol (the-string)
  (if (equal "" (string-trim '(#\Space) the-string)) nil
      (with-input-from-string (s the-string) (read s))))

(defun explode (object)
  (mapcar #'(lambda (char) (intern (string char)))
          (internal-explode object #'prin1)))

(defun internal-explode (object printer)
  (coerce (with-output-to-string (out-strm)
            (let ((*print-length* nil)
                  (*print-level* nil))
              (funcall printer object out-strm)))
          'list))

(defun implode (char-list)
  (values (intern (coerce (mapcar #'(lambda (char)
                                      (coerce char 'character))
                                  char-list)
                          'string))))

(defun my-instancep (item)
  (let ((exploded-item (explode item)))
    (if (equal (car exploded-item) '\#)
      (let* ((x (position '\# (cdr exploded-item)))
             (class-item (string-to-symbol (string (implode (subseq exploded-item 2 (- x 1)))))))
        (if (member class-item *class-list*) T nil))
      nil)))


(defun round-float (num decimal-places)
          (setq tempnum (round (* num (expt 10 decimal-places))))
          (float (/ tempnum (expt 10 decimal-places)))
)



(defun make-a-class-instance (class-name instance-name)
  (eval `(setq ,instance-name (make-instance (quote ,class-name))))
  (setf (printname (eval instance-name)) (string instance-name))
  (eval `(setf (slot-value ,instance-name 'list-of-instances)
           (delete-duplicates
            (append (list (string-to-symbol (printname ,instance-name)))
                    (slot-value ,instance-name 'list-of-instances))
            :test #'equal)))
  )

(defun find-the-first-blank (the-string)
  (if (not (equal the-string ""))
    (position '\  (explode the-string))))

(defun list-to-string (the-list)
  (if (listp the-list)
    (if (null (car the-list)) ""
        (if (null (cdr the-list)) (princ-to-string (car the-list))
            (concatenate 'string (princ-to-string (car the-list)) " " (list-to-string (cdr the-list)))))
```

```
    ""))


;Bill's
;(defun list-to-string (the-list)
;  (setq newstring "")
;  (dolist (word the-list)
;    (setq newstring (concatenate 'string newstring (string word) " "))
;    )
;  newstring
;  )



(defun string-to-list (the-string)
  (if (equal (string-trim '(#\Space) the-string) "") nil
      (let ((the-blank (find-the-first-blank the-string)))
        (cond (the-blank
               (append (list (string-trim '(#\Space) (subseq the-string 0 the-blank)))
                       (string-to-list (subseq the-string the-blank))))
              (t
               (list the-string))))))


(defun string-to-clean-list (the-string)
  (let ((clean-list NIL)
        (x 1))
    (with-input-from-string (s the-string)
      (loop while x do
            (progn
              (let ((word (read s)))
                 (if (equal word 'ENDOFSELECTION)
                    (setq x NIL)
                  (push word clean-list)
                  )
                )
              )
            )
      )
    (reverse clean-list)
    )
  )


(defun BUBBLE-SORTER (the-list access-function pred)
  (cond (access-function
           (let* ((n (length the-list))
                  (temp nil))
             (do ((i 0 (+ i 1)))
                 ((> i (- n 2))
                  the-list)
               (do ((j (+ i 1) (+ j 1)))
                   ((> j (- n 1))
                    t)
                 (let* ((x (nth i the-list))
                        (y (nth j the-list)))
                   (cond ((not (funcall pred (funcall access-function x)
                                             (funcall access-function y)))
                          (setf temp x)
                          (setf (nth i the-list) y)
                          (setf (nth j the-list) temp))))))))
        (t
         (let* ((n (length the-list))
                (temp nil))
```

```
            (do ((i 0 (+ i 1)))
                ((> i (- n 2))
                 the-list)
              (do ((j (+ i 1) (+ j 1)))
                  ((> j (- n 1))
                   t)
                (let* ((x (nth i the-list))
                       (y (nth j the-list)))
                  (cond ((not (funcall pred x y))
                         (setf temp x)
                         (setf (nth i the-list) y)
          (setf (nth j the-list) temp)))))))))

(defun BUBBLE-SORTER-2 (the-list access-function1 pred1 access-function2 pred2)
  (cond ((and access-function1 access-function2)
         (let* ((n (length the-list))
                (temp nil))
           (do ((i 0 (+ i 1)))
               ((> i (- n 2))
                the-list)
             (do ((j (+ i 1) (+ j 1)))
                 ((> j (- n 1))
                  t)
               (let* ((x (nth i the-list))
                      (y (nth j the-list)))
                 (cond ((not (funcall pred1 (funcall access-function1 x)
                                            (funcall access-function1 y)))
                        (setf temp x)
                        (setf (nth i the-list) y)
                        (setf (nth j the-list) temp))
                       (t
                        (cond ((not (funcall pred2 (funcall access-function2 x)
                                                   (funcall access-function2 y)))
                               (setf temp x)
                               (setf (nth i the-list) y)
                               (setf (nth j the-list) temp))))))))))
         ))
        (t
         (let* ((n (length the-list))
                (temp nil))
           (do ((i 0 (+ i 1)))
               ((> i (- n 2))
                the-list)
             (do ((j (+ i 1) (+ j 1)))
                 ((> j (- n 1))
                  t)
               (let* ((x (nth i the-list))
                      (y (nth j the-list)))
                 (cond ((not (funcall pred1 x y))
                        (setf temp x)
                        (setf (nth i the-list) y)
                        (setf (nth j the-list) temp)))))))))))

(defun make-string-of-given-length (item-name new-item-length) ; item-name must be a string
  (let ((old-item-length (length item-name)))
    (cond ((< old-item-length new-item-length)
           (generate-blank-string (- new-item-length old-item-length)))
          (t
           ""))))

(defun add-blank-strings-to (item-string number-added)
  (concatenate 'list
               (list item-string)
               (generate-list-with
                (generate-blank-string (length item-string)) number-added)))
```

```
(defun generate-blank-string (string-length)
  (if (= string-length 0) nil
    (concatenate 'string " " (generate-blank-string (- string-length 1)))))

(defun eliminate-character (the-character the-string)
  (let ((char-pos (search the-character the-string)))
    (cond (char-pos
           (concatenate 'string
             (subseq the-string 0 char-pos)
             " "
             (eliminate-character the-character (subseq the-string (+ 1 char-pos)))))
          (t
           the-string))))

(defun eliminate-several-characters (character-list the-string)
  (do ((i 0 (+ i 1)))
      ((> i (- (length character-list) 1)) the-string)
    (setf the-string (eliminate-character (nth i character-list) the-string))))
```

;;; time-functions.lsp

```
(in-package :common-graphics-user)


(defun universal-time-decoder (universal-time)
  (multiple-value-bind (second minute hour date month year day-of-week
                                  daylight-saving-time-p time-zone)
      (decode-universal-time universal-time)
    (list day-of-week month date year hour minute second time-zone daylight-saving-time-p)))

(defparameter *time-zone*
  (let ((time-info (universal-time-decoder (get-universal-time))))
    (if (nth 8 time-info) (- (nth 7 time-info) 1) (nth 7 time-info))))


(defun universal-time-from-date (the-date) ;;; "03/31/1994"
  (cond ((= (length the-date) 8)
         (let* ((mm (string-to-symbol (subseq the-date 0 2)))
                (dd (string-to-symbol (subseq the-date 2 4)))
                (yyyy (string-to-symbol (subseq the-date 4))))
           (encode-universal-time 0 0 0 dd mm (if (< yyyy 1900) 1900 yyyy) *time-zone*)))
        ((= (length the-date) 10)
         (let* ((mm (string-to-symbol (subseq the-date 0 2)))
                (dd (string-to-symbol (subseq the-date 3 5)))
                (yyyy (string-to-symbol (subseq the-date 6))))
           (encode-universal-time 0 0 0 dd mm (if (< yyyy 1900) 1900 yyyy) *time-zone*)))))


(defun universal-time-from-date-and-time (the-date the-time) ;;; "03/31/1994" "0800"
  (if (null (numberp (string-to-symbol the-time)))
      (warning-msg)
    (cond ((or (equal "" (string-trim '(#\Space) the-date))
               (equal "" (string-trim '(#\Space) the-time)))
           nil)
          (t
           (let* ((mm (string-to-symbol (subseq the-date 0 2)))
                  (dd (string-to-symbol (subseq the-date 3 5)))
                  (yyyy (string-to-symbol (subseq the-date 6)))
                  (hh (string-to-symbol (if (= (length the-time) 4)
                                            (subseq the-time 0 2)
                                          (if (= (length the-time) 3)
                                              (subseq the-time 0 1)
                                            "0"))))
                  (mn (string-to-symbol (if (= (length the-time) 4)
                                            (subseq the-time 2)
                                          (if (= (length the-time) 3)
                                              (subseq the-time 1)
                                            the-time)))))
             (encode-universal-time 0 mn hh dd mm yyyy *time-zone*))))))

(defun date-from-universal-time (universal-time)
  (let* ((time-list (universal-time-decoder universal-time))
         (string-dd (princ-to-string (nth 1 time-list)))
         (dd (if (= (length string-dd) 2) string-dd
               (concatenate 'string "0" string-dd)))
         (string-mm (princ-to-string (nth 2 time-list)))
         (mm (if (= (length string-mm) 2) string-mm
               (concatenate 'string "0" string-mm))))
    (string-to-symbol
      (concatenate 'string dd "/" mm "/"
                   (princ-to-string (nth 3 time-list))))))


(defun time-from-universal-time (universal-time)
```

```
  (if (= universal-time 0) 0
      (let* ((all-time (universal-time-decoder universal-time))
               (string-hh (princ-to-string (nth 4 all-time)))
               (hh (if (= (length string-hh) 2) string-hh
                       (concatenate 'string "0" string-hh)))
               (string-mn (princ-to-string (nth 5 all-time)))
               (mn (if (= (length string-mn) 2) string-mn
                       (concatenate 'string "0" string-mn))))
        (string-to-symbol (concatenate 'string hh mn)))))

(defun time-with-seconds-from-universal-time (universal-time)
  (if (= universal-time 0) 0
      (let* ((all-time (universal-time-decoder universal-time))
               (string-hh (princ-to-string (nth 4 all-time)))
               (hh (if (= (length string-hh) 2) string-hh
                       (concatenate 'string "0" string-hh)))
               (string-mn (princ-to-string (nth 5 all-time)))
               (mn (if (= (length string-mn) 2) string-mn
                       (concatenate 'string "0" string-mn)))
               (string-secs (princ-to-string (nth 6 all-time)))
               (secs (if (= (length string-secs) 2) string-secs
                         (concatenate 'string "0" string-secs))))
          (concatenate 'string hh ":" mn ":"secs))))


(defun minutes-from-time (the-time)
  (let ((string-time (princ-to-string the-time)))
    (if (< (length string-time) 2)
       (string-to-symbol string-time)
       (string-to-symbol (subseq string-time (- (length string-time) 2) )))))

(defun hours-from-time (the-time)
  (let ((string-time (princ-to-string the-time)))
    (if (< (length string-time) 3) 0
        (string-to-symbol (subseq string-time 0 (- (length string-time) 2))))))

(defun or-schedule-name-from-universal-time (universal-time)
  (let* ((time-list (universal-time-decoder universal-time))
         (mm (princ-to-string (nth 1 time-list)))
         (dd (princ-to-string (nth 2 time-list)))
         (yyyy (princ-to-string (nth 3 time-list))))
    (string-to-symbol
     (concatenate 'string
                  "OR"
                  mm
                  (if (= (length dd) 2) dd (concatenate 'string "0" dd))
                  yyyy
                  ))))

(defun schedule-name-from-universal-time (universal-time)
  (let* ((time-list (universal-time-decoder universal-time))
         (mm (princ-to-string (nth 1 time-list)))
         (dd (princ-to-string (nth 2 time-list)))
         (yyyy (princ-to-string (nth 3 time-list))))
    (string-to-symbol
     (concatenate 'string
                  "jei"
                  (if (= (length mm) 2) mm (concatenate 'string "0" mm))
                  (if (= (length dd) 2) dd (concatenate 'string "0" dd))
                  yyyy
                      ".txt"
                  ))))
```

```
(defun year-from-universal-time (universal-time)
  (let ((time-list (universal-time-decoder universal-time)))
    (nth 3 time-list)))

(defun month-from-universal-time (universal-time)
  (let ((time-list (universal-time-decoder universal-time)))
    (nth 1 time-list)))

(defun day-from-universal-time (universal-time)
  (let ((time-list (universal-time-decoder universal-time)))
    (nth 2 time-list)))

(defun day-of-the-week-from-universal-time (universal-time)
  (nth 0 (universal-time-decoder universal-time)))


(defparameter *date* (date-from-universal-time (get-universal-time)))


(defun eight-oclock-in-universal-time (universal-time)
   (let* ((time-list (universal-time-decoder universal-time))
          (mm (nth 1 time-list))
          (dd (nth 2 time-list))
          (yyyy (nth 3 time-list)))
      (encode-universal-time 0 0 8 dd mm yyyy *time-zone*)))

(defun twelve-oclock-in-universal-time (universal-time)
   (let* ((time-list (universal-time-decoder universal-time))
          (mm (nth 1 time-list))
          (dd (nth 2 time-list))
          (yyyy (nth 3 time-list)))
      (encode-universal-time 0 0 0 dd mm yyyy *time-zone*)))
```

;;; patient-class.lsp

```
(in-package :common-graphics-user)

(defclass patient
  ()
  ((printname :initarg :printname
     :initform ""
     :accessor printname)
   (list-of-instances :initarg :list-of-instances
     :initform '()
     :accessor list-of-instances
     :allocation :class)
   (ssn :initarg :ssn
          :initform ""
          :accessor ssn)
   (lastname :initarg :lastname
               :initform ""
               :accessor lastname)
   (firstname :initarg :firstname
               :initform ""
               :accessor firstname)
   (mi :initarg :mi
               :initform ""
       :accessor mi)
   (age :initarg :age
        :initform 0
        :accessor age)
   (dob :initarg :dob
               :initform '(dd mm yyyy)
        :accessor dob)
   (id :initarg :id
               :initform ""
               :accessor id)
   (sex :initarg :sex
               :initform ""
               :accessor sex)
   (military-status :initarg :military-status
               :initform 0
               :accessor military-status)
   (military-rank :initarg :military-rank
               :initform ""
               :accessor military-rank)
   (phone-number :initarg :phone-number
                     :initform 0
                     :accessor phone-number)
   (home-phone-number :initarg :home-phone-number
                     :initform 0
                     :accessor home-phone-number)
   (consults :initarg :consults
             :initform '()
             :accessor consults)
   ))


(make-a-class-instance 'patient 'temp-patient)


(defmethod send-patient-info-to-file ((patient-instance patient))
   (let ((filename (concatenate 'string "E:\\Working Files\\Army\\GGTS Development\\Tdent\\" (princ-to-string (get-universal-time))))
         (ssn (ssn patient-instance))
         (lastname (lastname patient-instance))
         (firstname (firstname patient-instance))
         (mi (mi patient-instance))
```

```
    (dob (dob patient-instance))
    (sex (sex patient-instance))
    (military-status (military-status patient-instance))
    (military-rank (military-rank patient-instance))
    (phone-number (phone-number patient-instance))
    (home-phone-number (home-phone-number patient-instance))
    (chief-complaints (chief-complaints patient-instance))
    (history (history patient-instance))
    (exam-findings (exam-findings patient-instance))
    (provisional-diagnosis (provisional-diagnosis patient-instance))
    (referring-military-rank (referring-military-rank patient-instance))
    (referring-lastname (referring-lastname patient-instance))
    (referring-firstname (referring-firstname patient-instance))
    (referring-location (referring-location patient-instance))
    (date-of-request (date-of-request patient-instance))
    (images (images patient-instance))
    (specialty (specialty patient-instance))
    (diagnostic-codes (diagnostic-codes patient-instance))
    (procedure-codes (procedure-codes patient-instance))
    (explanation-of-specialty (explanation-of-specialty patient-instance))
    (explanation-of-diagnostic-codes (explanation-of-diagnostic-codes patient-instance))
    (explanation-of-procedure-codes (explanation-of-procedure-codes patient-instance))
    (recommended-consultants (recommended-consultants patient-instance))
    (explanation-of-recommended-consultants (explanation-of-recommended-consultants patient-instance))
    (diagnosis (diagnosis patient-instance))
    (suggested-treatment (suggested-treatment patient-instance))
    (specialist-rank (specialist-rank patient-instance))
    (specialist-lastname (specialist-lastname patient-instance))
    (specialist-firstname (specialist-firstname patient-instance))
    (specialist-location (specialist-location patient-instance))
    (date-of-visit-by-specialist (date-of-visit-by-specialist patient-instance))
    (temp-stream (make-string-output-stream)))
 (with-open-file
(temp-stream filename
                :direction :output
                :if-exists :overwrite
                :if-does-not-exist :create)
  (pprint
   (list
    ssn  ;;; 0
    lastname
    firstname
    mi
    dob
    sex ;;; 5
    military-status
    military-rank
    phone-number
    home-phone-number
    chief-complaints ;;; 10
    history
    exam-findings
    provisional-diagnosis
    referring-military-rank
    referring-lastname ;;;15
    referring-firstname
    referring-location
    date-of-request
    images
    specialty ;;; 20
    diagnostic-codes
    procedure-codes
    explanation-of-specialty
    explanation-of-diagnostic-codes
    explanation-of-procedure-codes ;;; 25
    recommended-consultants
```

```
        explanation-of-recommended-consultants
        diagnosis
        suggested-treatment
        specialist-rank ;;; 30
        specialist-lastname
        specialist-firstname
        specialist-location
        date-of-visit-by-specialist) temp-stream))))


;;; "patid" "patage" "patsex" "patrate" "patrank" "speclocation" "reflocation/ Patient's Location"
;;;  0       1        2        3         4         5              6
;;; "docrank" "conid" "refdocid" "specid"
;;;  7         8       9          10
;;; "complaint" "history" "findings" "pdiagnosis" "requestdate" "reportdate" "diagnosis" "treatment"
;;;  11          12        13         14           15            16           17          18
;;; "PCDT" "PCDTDesc" "SCDT" "SCDTDesc" "TCDT" "tcdtDesc" "PICD" "PICDDesc" "SICD" "sICDDesc" "Specialty"
;;;  19     20                                            25                  28         29

(defun create-patient-instance (info-list)
  (let* ((age (string-trim '(#\Space) (nth 1 info-list)))
         (dob (if (equal age "") "" (princ-to-string (- (year-from-universal-time (get-universal-time))
                                                        (string-to-symbol age)))))
         (id (nth 0 info-list))
         (sex (nth 2 info-list))
         (military-status (nth 3 info-list))
         (military-rank (nth 4 info-list))
      ;   (referring-id (nth 9 info-list))
      ;   (referring-location (nth 6 info-list))
      ;   (chief-complaints (nth 11 info-list))
      ;   (history (nth 12 info-list))
      ;   (exam-findings (nth 13 info-list))
      ;   (provisional-diagnosis (nth 14 info-list))
      ;   (date-of-request (nth 15 info-list))
      ;   (diagnosis (nth 17 info-list))
      ;   (suggested-treatment (nth 18 info-list))
      ;   (diagnostic-codes (list (nth 25 info-list) (nth 27 info-list)))
      ;   (procedure-codes (list (nth 19 info-list) (nth 21 info-list) (nth 23 info-list)))
      ;   (specialty (nth 29 info-list))
      ;   (explanation-of-diagnostic-codes
      ;    (list-to-string (mapcar #'(lambda (x) (concatenate 'string
      ;                                                       x " - "
      ;                                                       (gethash x icd9-hash-table)))
      ;                            diagnostic-codes)))
      ;   (explanation-of-procedure-codes
      ;    (list-to-string (mapcar #'(lambda (x) (concatenate 'string
      ;                                                       x " - "
      ;                                                       (gethash (string-to-symbol x) cdt-hash-table)))
      ;                            procedure-codes)))
      ;   ;  (recommended-consultants (nth 25 info-list))
      ;   ;  (explanation-of-recommended-consultants (nth 26 info-list))
      ;   (specialist-id (nth 10 info-list))
      ;   (specialist-rank (nth 7 info-list))
      ;   ;  (specialist-lastname (nth 30 info-list)) ;;;; 30
      ;   ;  (specialist-firstname (nth 31 info-list))
      ;   (specialist-location (nth 5 info-list))
      ;   (date-of-visit-by-specialist (nth 16 info-list))
        (firstname (concatenate 'string
                     "fn" id))
        (lastname (concatenate 'string
                    "Ln" id))
        (mi (string (mi-number-to-letter (string-to-symbol (subseq id 0 1)))))
        (patient-name-string (concatenate 'string
                               firstname
                               "-"
                               mi                                  "-"
```

```
                        lastname
                        )))


(cond ((my-instancep (string-to-symbol patient-name-string))
       ;(setf (ssn (eval (string-to-symbol patient-name-string))) ssn)
       (setf (lastname (eval (string-to-symbol patient-name-string))) lastname)
       (setf (firstname (eval (string-to-symbol patient-name-string))) firstname)
       (setf (mi (eval (string-to-symbol patient-name-string))) mi)
       (setf (id (eval (string-to-symbol patient-name-string))) id)
       (setf (age (eval (string-to-symbol patient-name-string))) age)
       (setf (dob (eval (string-to-symbol patient-name-string))) dob)
       (setf (sex (eval (string-to-symbol patient-name-string))) sex)
       (setf (military-status (eval (string-to-symbol patient-name-string))) military-status)
       (setf (military-rank (eval (string-to-symbol patient-name-string))) military-rank)
       ;(setf (phone-number (eval (string-to-symbol patient-name-string))) phone-number)
       ;(setf (home-phone-number (eval (string-to-symbol patient-name-string))) home-phone-number)
;       (setf (chief-complaints (eval (string-to-symbol patient-name-string))) chief-complaints)
;       (setf (exam-findings (eval (string-to-symbol patient-name-string))) exam-findings)
;       (setf (history (eval (string-to-symbol patient-name-string))) history)
;       (setf (provisional-diagnosis (eval (string-to-symbol patient-name-string))) provisional-diagnosis)
;       ;(setf (referring-military-rank (eval (string-to-symbol patient-name-string))) referring-military-rank)
;       ;(setf (referring-lastname (eval (string-to-symbol patient-name-string))) referring-lastname)
;       (setf (referring-id (eval (string-to-symbol patient-name-string))) referring-id)
;       ;(setf (referring-firstname (eval (string-to-symbol patient-name-string))) referring-firstname)
;       (setf (referring-location (eval (string-to-symbol patient-name-string))) referring-location)
;       (setf (date-of-request (eval (string-to-symbol patient-name-string))) date-of-request)
;       ;(setf (images (eval (string-to-symbol patient-name-string))) images)
;       (setf (specialty (eval (string-to-symbol patient-name-string))) specialty)
;       (setf (diagnostic-codes (eval (string-to-symbol patient-name-string))) diagnostic-codes)
;       (setf (procedure-codes (eval (string-to-symbol patient-name-string))) procedure-codes)
;       ;(setf (explanation-of-specialty (eval (string-to-symbol patient-name-string))) explanation-of-specialty)
;       (setf (explanation-of-diagnostic-codes (eval (string-to-symbol patient-name-string))) explanation-of-diagnostic-codes)
;       (setf (explanation-of-procedure-codes (eval (string-to-symbol patient-name-string))) explanation-of-procedure-codes)
;       ;(setf (recommended-consultants (eval (string-to-symbol patient-name-string))) recommended-consultants)
;       ;(setf (explanation-of-recommended-consultants (eval (string-to-symbol patient-name-string))) explanation-of-recommended-consultants)
;       (setf (diagnosis (eval (string-to-symbol patient-name-string))) diagnosis)
;       (setf (suggested-treatment (eval (string-to-symbol patient-name-string))) suggested-treatment)
;       (setf (specialist-id (eval (string-to-symbol patient-name-string))) specialist-id)
;       (setf (specialist-rank (eval (string-to-symbol patient-name-string))) specialist-rank)
;       ;(setf (specialist-lastname (eval (string-to-symbol patient-name-string))) specialist-firstname)
;       ;(setf (specialist-firstname (eval (string-to-symbol patient-name-string))) specialist-lastname)
;       (setf ( specialist-location (eval (string-to-symbol patient-name-string))) specialist-location)
;       (setf (date-of-visit-by-specialist (eval (string-to-symbol patient-name-string))) date-of-visit-by-specialist)
      (setf (printname (eval (string-to-symbol patient-name-string))) patient-name-string))
     (t
      (make-a-class-instance 'patient (string-to-symbol patient-name-string))
      ;(setf (ssn (eval (string-to-symbol patient-name-string))) ssn)
      (setf (lastname (eval (string-to-symbol patient-name-string))) lastname)
      (setf (firstname (eval (string-to-symbol patient-name-string))) firstname)
      (setf (mi (eval (string-to-symbol patient-name-string))) mi)
      (setf (id (eval (string-to-symbol patient-name-string))) id)
      (setf (age (eval (string-to-symbol patient-name-string))) age)
      (setf (dob (eval (string-to-symbol patient-name-string))) dob)
      (setf (sex (eval (string-to-symbol patient-name-string))) sex)
      (setf (military-status (eval (string-to-symbol patient-name-string))) military-status)
      (setf (military-rank (eval (string-to-symbol patient-name-string))) military-rank)
  #|
      ;(setf (phone-number (eval (string-to-symbol patient-name-string))) phone-number)
      ;(setf (home-phone-number (eval (string-to-symbol patient-name-string))) home-phone-number)
      (setf (chief-complaints (eval (string-to-symbol patient-name-string))) chief-complaints)
      (setf (exam-findings (eval (string-to-symbol patient-name-string))) exam-findings)
      (setf (history (eval (string-to-symbol patient-name-string))) history)
      (setf (provisional-diagnosis (eval (string-to-symbol patient-name-string))) provisional-diagnosis)
      ;(setf (referring-military-rank (eval (string-to-symbol patient-name-string))) referring-military-rank)
      ;(setf (referring-lastname (eval (string-to-symbol patient-name-string))) referring-lastname)
```

```
          (setf (referring-id (eval (string-to-symbol patient-name-string))) referring-id)
          ;(setf (referring-firstname (eval (string-to-symbol patient-name-string))) referring-firstname)
          (setf (referring-location (eval (string-to-symbol patient-name-string))) referring-location)
          (setf (date-of-request (eval (string-to-symbol patient-name-string))) date-of-request)
          ;(setf (images (eval (string-to-symbol patient-name-string))) images)
          (setf (specialty (eval (string-to-symbol patient-name-string))) specialty)
          (setf (diagnostic-codes (eval (string-to-symbol patient-name-string))) diagnostic-codes)
          (setf (procedure-codes (eval (string-to-symbol patient-name-string))) procedure-codes)
          ;(setf (explanation-of-specialty (eval (string-to-symbol patient-name-string))) explanation-of-specialty)
          (setf (explanation-of-diagnostic-codes (eval (string-to-symbol patient-name-string))) explanation-of-diagnostic-codes)
          (setf (explanation-of-procedure-codes (eval (string-to-symbol patient-name-string))) explanation-of-procedure-codes)
          ;(setf (recommended-consultants (eval (string-to-symbol patient-name-string))) recommended-consultants)
          ;(setf (explanation-of-recommended-consultants (eval (string-to-symbol patient-name-string))) explanation-of-recommended-consultants)
          (setf (diagnosis (eval (string-to-symbol patient-name-string))) diagnosis)
          (setf (suggested-treatment (eval (string-to-symbol patient-name-string))) suggested-treatment)
          (setf (specialist-id (eval (string-to-symbol patient-name-string))) specialist-id)
          (setf (specialist-rank (eval (string-to-symbol patient-name-string))) specialist-rank)
          ;(setf (specialist-lastname (eval (string-to-symbol patient-name-string))) specialist-firstname)
          ;(setf (specialist-firstname (eval (string-to-symbol patient-name-string))) specialist-lastname)
          (setf ( specialist-location (eval (string-to-symbol patient-name-string))) specialist-location)
          (setf (date-of-visit-by-specialist (eval (string-to-symbol patient-name-string))) date-of-visit-by-specialist)
       |#

          (setf (printname (eval (string-to-symbol patient-name-string))) patient-name-string))
         )))


(defmethod age-calculation ((patient-instance patient))
  (let* ((dob (dob patient-instance))
         (dob-universal-time (universal-time-from-date dob))
         (request-date (request-date patient-instance))
         (request-date-universal-time (universal-time-from-date request-date)))
    (- (year-from-universal-time request-date-universal-time)
       (year-from-universal-time dob-universal-time))))









(defun mi-number-to-letter (xx)
  (case xx
      (1 'a)
    (2 'b)
    (3 'c)
    (4 'd)
    (5 'e)
    (6 'f)
    (7 'g)
    (8 'h)
    (9 'i)
    (10 'j)
    (11 'k)
    (12 'l)
    (13 'm)
    (14 'n)
    (15 'o)
```

```
(16 'p)
(17 'q)
(18 'r)
(19 's)
(20 't)
(21 'u)
(22 'v)
(23 'w)
(24 'x)
(25 'y)
(26 'z)))
```

;;;consult-class.lsp

```
(in-package :common-graphics-user)

(defclass consult-request ()
  ((consult-number :initarg :consult-number
                   :initform ""
                   :accessor consult-number)
   (printname :initarg :printname
              :initform ""
                        :accessor printname)
   (list-of-instances :initarg :list-of-instances
                      :initform '()
                      :accessor list-of-instances
                      :allocation :class)
   (patient-id :initarg :patient-id
               :initform ""
               :accessor patient-id)
   (patient-name :initarg :patient-name
                 :initform ""
                 :accessor patient-name)
   (urgency :initarg :urgency
            :initform ""
            :accessor urgency)
   (modality :initarg :modality
             :initform '()
             :accessor modality)

   ;;; chief complaints and findings
   (chief-complaints :initarg :chief-complaints
                       :initform ""
                       :accessor chief-complaints)
   (history :initarg :history
              :initform ""
              :accessor history)
   (exam-findings :initarg :exam-findings
              :initform ""
              :accessor exam-findings)
   (provisional-diagnosis :initarg :provisional-diagnosis
              :initform ""
              :accessor provisional-diagnosis)
;;; referring dentist information

   (referring-military-rank :initarg :referring-military-rank
                                 :initform ""
                                 :accessor referring-military-rank)
   (referring-id :initarg :referring-id
                 :initform ""
                 :accessor referring-id)
   (referring-firstname :initarg :referring-firstname
                            :initform ""
                            :accessor referring-firstname)
   (referring-lastname :initarg :referring-lastname
                       :initform ""
                       :accessor referring-lastname)

   (referring-location :initarg :referring-location
                       :initform ""
                       :accessor referring-location)
   (date-of-request :initarg :date-of-request
                       :initform ""
                       :accessor date-of-request)

;;; images
```

```
   (images :initarg :images
           :initform '()
           :accessor images)

;;; Module 2 fills in the next three slots

   (specialty :initarg :specialty
              :initform '()
              :accessor specialty)
   (diagnostic-codes :initarg :diagnostic-codes  ;;; ICD-9, CDTs
                     :initform '()
                     :accessor diagnostic-codes)
   (procedure-codes :initarg :procedure-codes ;;; CDTs or CPTs
                    :initform '()
                    :accessor procedure-codes)
   (explanation-of-specialty :initarg :explanation-of-specialty
                             :initform '()
                             :accessor explanation-of-specialty)
   (explanation-of-diagnostic-codes :initarg :explanation-of-diagnostic-codes  ;;; ICD-9, CDTs
                                    :initform '()
                                    :accessor explanation-of-diagnostic-codes)
   (explanation-of-procedure-codes :initarg :explanation-of-procedure-codes ;;; CDTs or CPTs
                                   :initform '()
                                   :accessor explanation-of-procedure-codes)

;;; Module 3

   (recommended-consultants :initarg :recommended-consultants
                            :initform '()
                            :accessor recommended-consultants)
   (explanation-of-recommended-consultants :initarg :explanation-of-recommended-consultants
                                           :initform '()
                                           :accessor explanation-of-recommended-consultants)

   ;;; consultation report

   (diagnosis :initarg :diagnosis
              :initform ""
              :accessor diagnosis)
   (suggested-treatment :initarg :suggested-treatment
                        :initform ""
                        :accessor suggested-treatment)

;;; specialist information

   (specialist-id :initarg :specialist-id
                  :initform ""
                  :accessor specialist-id)
   (specialist-rank :initarg :specialist-rank
                    :initform ""
                    :accessor specialist-rank)
   (specialist-firstname :initarg :specialist-firstname
                         :initform ""
                         :accessor specialist-firstname)
   (specialist-lastname :initarg :specialist-lastname
                        :initform ""
                        :accessor specialist-lastname)
   (specialist-location :initarg :specialist-location
                        :initform ""
                        :accessor specialist-location)
   (date-of-visit-by-specialist :initarg :date-of-visit-by-specialist
                                :initform ""
                                :accessor date-of-visit-by-specialist)


   ))
```

```
(make-a-class-instance 'consult-request 'temp-consult)

;;; "patid" "patage" "patsex" "patrate" "patrank" "speclocation" "reflocation/ Patient's Location"
;;;  0       1        2        3         4         5              6
;;; "docrank" "conid" "refdocid" "specid"
;;;  7         8       9          10
;;; "complaint" "history" "findings" "pdiagnosis" "requestdate" "reportdate" "diagnosis" "treatment"
;;;  11          12        13         14           15            16           17          18
;;; "PCDT" "PCDTDesc" "SCDT" "SCDTDesc" "TCDT" "tcdtDesc" "PICD" "PICDDesc" "SICD" "sICDDesc" "Specialty"
;;;  19     20                                             25                  28         29


(defun create-consult-instance (info-list)
  (let* ((patient-id (nth 0 info-list))
         (age (string-trim '(#\Space) (nth 1 info-list)))
         (dob (if (equal age "") "" (princ-to-string (- (year-from-universal-time (get-universal-time))
                                                        (string-to-symbol age)))))
         (sex (nth 2 info-list))
         (military-status (nth 3 info-list))
         (military-rank (nth 4 info-list))
         (specialist-location (nth 5 info-list))
         (referring-location (nth 6 info-list))
         (specialist-rank (nth 7 info-list))
         (consult-id (nth 8 info-list))
         (consult-id-string (concatenate 'string "c" consult-id))
         (referring-id (nth 9 info-list))
         (specialist-id (nth 10 info-list))
         (chief-complaints (nth 11 info-list))
         (history (nth 12 info-list))
         (exam-findings (nth 13 info-list))
         (provisional-diagnosis (nth 14 info-list))
         (date-of-request (nth 15 info-list))
         (diagnosis (nth 17 info-list))
         (suggested-treatment (nth 18 info-list))
         (diagnostic-codes (list (nth 25 info-list) (nth 27 info-list)))
         (procedure-codes (list (nth 19 info-list) (nth 21 info-list) (nth 23 info-list)))
         (specialty (nth 29 info-list))
         (explanation-of-diagnostic-codes
          (list-to-string (mapcar #'(lambda (x) (concatenate 'string
                                                  x " - "
                                                  (gethash x icd9-hash-table)))
                                  diagnostic-codes)))
         (explanation-of-procedure-codes
          (list-to-string (mapcar #'(lambda (x) (concatenate 'string
                                                  x " - "
                                                  (gethash (string-to-symbol x) cdt-hash-table)))
                                  procedure-codes)))
        ;  (recommended-consultants (nth 25 info-list))
        ;  (explanation-of-recommended-consultants (nth 26 info-list))
        ;  (specialist-lastname (nth 30 info-list)) ;;;; 30
        ;  (specialist-firstname (nth 31 info-list))

         (date-of-visit-by-specialist (nth 16 info-list))
         (specialty (nth 29 info-list))
         (firstname (concatenate 'string
                      "fn" patient-id))
         (lastname (concatenate 'string
                     "ln" patient-id))
         (mi (string (mi-number-to-letter (string-to-symbol (subseq patient-id 0 1)))))
         (patient-name-string (concatenate 'string
                                firstname
                                "_"
                                mi
                                "_"
                                lastname)))
```

```
(cond ((member (string-to-symbol consult-id-string) (list-of-instances temp-consult) :test #'equal)
       (cond ((member (string-to-symbol patient-name-string) (list-of-instances temp-patient) :test #'equal)
              (progn
                (eval `(setf (consult-number ,(string-to-symbol consult-id-string)) ,consult-id))
                (eval `(setf (patient-id ,(string-to-symbol consult-id-string)) ,patient-id))
                (eval `(setf (patient-name ,(string-to-symbol consult-id-string)) ,patient-name-string))
                (setf (lastname (eval (string-to-symbol patient-name-string))) lastname)
                (setf (firstname (eval (string-to-symbol patient-name-string))) firstname)
                (setf (mi (eval (string-to-symbol patient-name-string))) mi)
                (setf (id (eval (string-to-symbol patient-name-string))) patient-id)
                (setf (age (eval (string-to-symbol patient-name-string))) age)
                (setf (dob (eval (string-to-symbol patient-name-string))) dob)
                (setf (sex (eval (string-to-symbol patient-name-string))) sex)
                (setf (military-status (eval (string-to-symbol patient-name-string))) military-status)
                (setf (military-rank (eval (string-to-symbol patient-name-string))) military-rank)
               ;(setf (phone-number (eval (string-to-symbol patient-name-string))) phone-number)
               ;(setf (home-phone-number (eval (string-to-symbol patient-name-string))) home-phone-number)
   ;;; consult info
                (setf (chief-complaints (eval (string-to-symbol consult-id-string))) chief-complaints)
                (setf (exam-findings (eval (string-to-symbol consult-id-string))) exam-findings)
                (setf (history (eval (string-to-symbol consult-id-string))) history)
                (setf (provisional-diagnosis (eval (string-to-symbol consult-id-string))) provisional-diagnosis)
               ;(setf (referring-military-rank (eval (string-to-symbol consult-id-string))) referring-military-rank)
               ;(setf (referring-lastname (eval (string-to-symbol consult-id-string))) referring-lastname)
                (setf (referring-id (eval (string-to-symbol consult-id-string))) referring-id)
               ;(setf (referring-firstname (eval (string-to-symbol consult-id-string))) referring-firstname)
                (setf (referring-location (eval (string-to-symbol consult-id-string))) referring-location)
                (setf (date-of-request (eval (string-to-symbol consult-id-string))) date-of-request)
               ;(setf (images (eval (string-to-symbol consult-id-string))) images)
                (setf (specialty (eval (string-to-symbol consult-id-string))) specialty)
                (setf (diagnostic-codes (eval (string-to-symbol consult-id-string))) diagnostic-codes)
                (setf (procedure-codes (eval (string-to-symbol consult-id-string))) procedure-codes)
               ;(setf (explanation-of-specialty (eval (string-to-symbol consult-id-string))) explanation-of-specialty)
                (setf (explanation-of-diagnostic-codes (eval (string-to-symbol consult-id-string))) explanation-of-diagnostic-codes)
                (setf (explanation-of-procedure-codes (eval (string-to-symbol consult-id-string))) explanation-of-procedure-codes)
               ;(setf (recommended-consultants (eval (string-to-symbol consult-id-string))) recommended-consultants)
               ;(setf (explanation-of-recommended-consultants (eval (string-to-symbol consult-id-string))) explanation-of-recommended-consultants)
                (setf (diagnosis (eval (string-to-symbol consult-id-string))) diagnosis)
                (setf (suggested-treatment (eval (string-to-symbol consult-id-string))) suggested-treatment)
                (setf (specialist-id (eval (string-to-symbol consult-id-string))) specialist-id)
                (setf (specialist-rank (eval (string-to-symbol consult-id-string))) specialist-rank)
               ;(setf (specialist-lastname (eval (string-to-symbol consult-id-string))) specialist-firstname)
               ;(setf (specialist-firstname (eval (string-to-symbol consult-id-string))) specialist-lastname)
                (setf ( specialist-location (eval (string-to-symbol consult-id-string))) specialist-location)
                (setf (date-of-visit-by-specialist (eval (string-to-symbol consult-id-string))) date-of-visit-by-specialist)
                (setf (consults (eval (string-to-symbol patient-name-string)))
                                    (remove-duplicates
                    (append (list consult-id-string) (consults (eval (string-to-symbol patient-name-string))))
                    :test #'equal)

                ))))
             (t
              ;(print (concatenate 'string "creating a patient: " patient-name-string))
              (make-a-class-instance 'patient (string-to-symbol patient-name-string))
              (eval `(setf (consult-number ,(string-to-symbol consult-id-string)) ,consult-id))
              (eval `(setf (patient-id ,(string-to-symbol consult-id-string)) ,patient-id))
              (eval `(setf (patient-name ,(string-to-symbol consult-id-string)) ,patient-name-string))
             ;(setf (ssn (eval (string-to-symbol patient-name-string))) ssn)
              (setf (lastname (eval (string-to-symbol patient-name-string))) lastname)
              (setf (firstname (eval (string-to-symbol patient-name-string))) firstname)
              (setf (mi (eval (string-to-symbol patient-name-string))) mi)
              (setf (id (eval (string-to-symbol patient-name-string))) patient-id)
              (setf (age (eval (string-to-symbol patient-name-string))) age)
              (setf (dob (eval (string-to-symbol patient-name-string))) dob)
              (setf (sex (eval (string-to-symbol patient-name-string))) sex)
              (setf (military-status (eval (string-to-symbol patient-name-string))) military-status)
```

```
              (setf (military-rank (eval (string-to-symbol patient-name-string))) military-rank)
;;; consult info
              (setf (chief-complaints (eval (string-to-symbol consult-id-string))) chief-complaints)
              (setf (exam-findings (eval (string-to-symbol consult-id-string))) exam-findings)
              (setf (history (eval (string-to-symbol consult-id-string))) history)
              (setf (provisional-diagnosis (eval (string-to-symbol consult-id-string))) provisional-diagnosis)
             ;(setf (referring-military-rank (eval (string-to-symbol consult-id-string))) referring-military-rank)
             ;(setf (referring-lastname (eval (string-to-symbol consult-id-string))) referring-lastname)
              (setf (referring-id (eval (string-to-symbol consult-id-string))) referring-id)
             ;(setf (referring-firstname (eval (string-to-symbol consult-id-string))) referring-firstname)
              (setf (referring-location (eval (string-to-symbol consult-id-string))) referring-location)
              (setf (date-of-request (eval (string-to-symbol consult-id-string))) date-of-request)
             ;(setf (images (eval (string-to-symbol consult-id-string))) images)
              (setf (specialty (eval (string-to-symbol consult-id-string))) specialty)
              (setf (diagnostic-codes (eval (string-to-symbol consult-id-string))) diagnostic-codes)
              (setf (procedure-codes (eval (string-to-symbol consult-id-string))) procedure-codes)
             ;(setf (explanation-of-specialty (eval (string-to-symbol consult-id-string))) explanation-of-specialty)
              (setf (explanation-of-diagnostic-codes (eval (string-to-symbol consult-id-string))) explanation-of-diagnostic-codes)
              (setf (explanation-of-procedure-codes (eval (string-to-symbol consult-id-string))) explanation-of-procedure-codes)
             ;(setf (recommended-consultants (eval (string-to-symbol consult-id-string))) recommended-consultants)
             ;(setf (explanation-of-recommended-consultants (eval (string-to-symbol consult-id-string))) explanation-of-recommended-consultants)
              (setf (diagnosis (eval (string-to-symbol consult-id-string))) diagnosis)
              (setf (suggested-treatment (eval (string-to-symbol consult-id-string))) suggested-treatment)
              (setf (specialist-id (eval (string-to-symbol consult-id-string))) specialist-id)
              (setf (specialist-rank (eval (string-to-symbol consult-id-string))) specialist-rank)
             ;(setf (specialist-lastname (eval (string-to-symbol consult-id-string))) specialist-firstname)
             ;(setf (specialist-firstname (eval (string-to-symbol consult-id-string))) specialist-lastname)
              (setf ( specialist-location (eval (string-to-symbol consult-id-string))) specialist-location)
              (setf (date-of-visit-by-specialist (eval (string-to-symbol consult-id-string))) date-of-visit-by-specialist)
              (setf (consults (eval (string-to-symbol patient-name-string)))
                (remove-duplicates
                    (append (list consult-id-string) (consults (eval (string-to-symbol patient-name-string))))
                    :test #'equal)
                ))))
        (t
         ;(print (concatenate 'string "creating a consult: " consult-id-string))
         (make-a-class-instance 'consult-request (string-to-symbol consult-id-string))
         (cond ((member (string-to-symbol patient-name-string) (list-of-instances temp-patient) :test #'equal)
                (progn
                  (eval `(setf (consult-number ,(string-to-symbol consult-id-string)) ,consult-id))
                  (eval `(setf (patient-id ,(string-to-symbol consult-id-string)) ,patient-id))
                  (eval `(setf (patient-name ,(string-to-symbol consult-id-string)) ,patient-name-string))
                  (setf (lastname (eval (string-to-symbol patient-name-string))) lastname)
                  (setf (firstname (eval (string-to-symbol patient-name-string))) firstname)
                  (setf (mi (eval (string-to-symbol patient-name-string))) mi)
                  (setf (id (eval (string-to-symbol patient-name-string))) patient-id)
                  (setf (age (eval (string-to-symbol patient-name-string))) age)
                  (setf (dob (eval (string-to-symbol patient-name-string))) dob)
                  (setf (sex (eval (string-to-symbol patient-name-string))) sex)
                  (setf (military-status (eval (string-to-symbol patient-name-string))) military-status)
                  (setf (military-rank (eval (string-to-symbol patient-name-string))) military-rank)
                 ;(setf (phone-number (eval (string-to-symbol patient-name-string))) phone-number)
                 ;(setf (home-phone-number (eval (string-to-symbol patient-name-string))) home-phone-number)
    ;;; consult info
                  (setf (chief-complaints (eval (string-to-symbol consult-id-string))) chief-complaints)
                  (setf (exam-findings (eval (string-to-symbol consult-id-string))) exam-findings)
                  (setf (history (eval (string-to-symbol consult-id-string))) history)
                  (setf (provisional-diagnosis (eval (string-to-symbol consult-id-string))) provisional-diagnosis)
                 ;(setf (referring-military-rank (eval (string-to-symbol consult-id-string))) referring-military-rank)
                 ;(setf (referring-lastname (eval (string-to-symbol consult-id-string))) referring-lastname)
                  (setf (referring-id (eval (string-to-symbol consult-id-string))) referring-id)
                 ;(setf (referring-firstname (eval (string-to-symbol consult-id-string))) referring-firstname)
                  (setf (referring-location (eval (string-to-symbol consult-id-string))) referring-location)
                  (setf (date-of-request (eval (string-to-symbol consult-id-string))) date-of-request)
                 ;(setf (images (eval (string-to-symbol consult-id-string))) images)
                  (setf (specialty (eval (string-to-symbol consult-id-string))) specialty)
```

```
                (setf (diagnostic-codes (eval (string-to-symbol consult-id-string))) diagnostic-codes)
                (setf (procedure-codes (eval (string-to-symbol consult-id-string))) procedure-codes)
              ;(setf (explanation-of-specialty (eval (string-to-symbol consult-id-string))) explanation-of-specialty)
                (setf (explanation-of-diagnostic-codes (eval (string-to-symbol consult-id-string))) explanation-of-diagnostic-codes)
                (setf (explanation-of-procedure-codes (eval (string-to-symbol consult-id-string))) explanation-of-procedure-codes)
              ;(setf (recommended-consultants (eval (string-to-symbol consult-id-string))) recommended-consultants)
              ;(setf (explanation-of-recommended-consultants (eval (string-to-symbol consult-id-string))) explanation-of-recommended-consultants)
                (setf (diagnosis (eval (string-to-symbol consult-id-string))) diagnosis)
                (setf (suggested-treatment (eval (string-to-symbol consult-id-string))) suggested-treatment)
                (setf (specialist-id (eval (string-to-symbol consult-id-string))) specialist-id)
                (setf (specialist-rank (eval (string-to-symbol consult-id-string))) specialist-rank)
              ;(setf (specialist-lastname (eval (string-to-symbol consult-id-string))) specialist-firstname)
              ;(setf (specialist-firstname (eval (string-to-symbol consult-id-string))) specialist-lastname)
                (setf ( specialist-location (eval (string-to-symbol consult-id-string))) specialist-location)
                (setf (date-of-visit-by-specialist (eval (string-to-symbol consult-id-string))) date-of-visit-by-specialist)
                (setf (consults (eval (string-to-symbol patient-name-string)))
                  (remove-duplicates
                    (append (list consult-id-string) (consults (eval (string-to-symbol patient-name-string))))
                    :test #'equal)
                  )))
              (t
               ;(print (concatenate 'string "creating a patient: " patient-name-string))
               (make-a-class-instance 'patient (string-to-symbol patient-name-string))
               (eval `(setf (consult-number ,(string-to-symbol consult-id-string)) ,consult-id))
               (eval `(setf (patient-id ,(string-to-symbol consult-id-string)) ,patient-id))
               (eval `(setf (patient-name ,(string-to-symbol consult-id-string)) ,patient-name-string))
             ;(setf (ssn (eval (string-to-symbol patient-name-string))) ssn)
               (setf (lastname (eval (string-to-symbol patient-name-string))) lastname)
               (setf (firstname (eval (string-to-symbol patient-name-string))) firstname)
               (setf (mi (eval (string-to-symbol patient-name-string))) mi)
               (setf (id (eval (string-to-symbol patient-name-string))) patient-id)
               (setf (age (eval (string-to-symbol patient-name-string))) age)
               (setf (dob (eval (string-to-symbol patient-name-string))) dob)
               (setf (sex (eval (string-to-symbol patient-name-string))) sex)
               (setf (military-status (eval (string-to-symbol patient-name-string))) military-status)
               (setf (military-rank (eval (string-to-symbol patient-name-string))) military-rank)
;;; consult info
               (setf (chief-complaints (eval (string-to-symbol consult-id-string))) chief-complaints)
               (setf (exam-findings (eval (string-to-symbol consult-id-string))) exam-findings)
               (setf (history (eval (string-to-symbol consult-id-string))) history)
               (setf (provisional-diagnosis (eval (string-to-symbol consult-id-string))) provisional-diagnosis)
             ;(setf (referring-military-rank (eval (string-to-symbol consult-id-string))) referring-military-rank)
             ;(setf (referring-lastname (eval (string-to-symbol consult-id-string))) referring-lastname)
               (setf (referring-id (eval (string-to-symbol consult-id-string))) referring-id)
             ;(setf (referring-firstname (eval (string-to-symbol consult-id-string))) referring-firstname)
               (setf (referring-location (eval (string-to-symbol consult-id-string))) referring-location)
               (setf (date-of-request (eval (string-to-symbol consult-id-string))) date-of-request)
             ;(setf (images (eval (string-to-symbol consult-id-string))) images)
               (setf (specialty (eval (string-to-symbol consult-id-string))) specialty)
               (setf (diagnostic-codes (eval (string-to-symbol consult-id-string))) diagnostic-codes)
               (setf (procedure-codes (eval (string-to-symbol consult-id-string))) procedure-codes)
             ;(setf (explanation-of-specialty (eval (string-to-symbol consult-id-string))) explanation-of-specialty)
               (setf (explanation-of-diagnostic-codes (eval (string-to-symbol consult-id-string))) explanation-of-diagnostic-codes)
               (setf (explanation-of-procedure-codes (eval (string-to-symbol consult-id-string))) explanation-of-procedure-codes)
             ;(setf (recommended-consultants (eval (string-to-symbol consult-id-string))) recommended-consultants)
             ;(setf (explanation-of-recommended-consultants (eval (string-to-symbol consult-id-string))) explanation-of-recommended-consultants)
               (setf (diagnosis (eval (string-to-symbol consult-id-string))) diagnosis)
               (setf (suggested-treatment (eval (string-to-symbol consult-id-string))) suggested-treatment)
               (setf (specialist-id (eval (string-to-symbol consult-id-string))) specialist-id)
               (setf (specialist-rank (eval (string-to-symbol consult-id-string))) specialist-rank)
             ;(setf (specialist-lastname (eval (string-to-symbol consult-id-string))) specialist-firstname)
             ;(setf (specialist-firstname (eval (string-to-symbol consult-id-string))) specialist-lastname)
               (setf ( specialist-location (eval (string-to-symbol consult-id-string))) specialist-location)
               (setf (date-of-visit-by-specialist (eval (string-to-symbol consult-id-string))) date-of-visit-by-specialist)
               (setf (consults (eval (string-to-symbol patient-name-string)))
                 (remove-duplicates
```

```
    (append (list consult-id-string) (consults (eval (string-to-symbol patient-name-string))))
    :test #'equal)
)

))))))
```

;;;cdt-hash-table.lsp

```
(in-package :common-graphics-user)


(setq cdt-hash-table (make-hash-table :size 10000 :test  'equal))

(SETF (GETHASH 'D0999 CDT-HASH-TABLE)
      "unspecified diagnostic procedure, by report.")
(SETF (GETHASH 'D0501 CDT-HASH-TABLE) "histopathologic examinations.")
(SETF (GETHASH 'D0120 CDT-HASH-TABLE) "periodic oral evaluation .")
(SETF (GETHASH 'D0120 CDT-HASH-TABLE) "periodic oral evaluation .")
(SETF (GETHASH 'D0140 CDT-HASH-TABLE)
      "limited oral evaluation - problem focused.")
(SETF (GETHASH 'D0150 CDT-HASH-TABLE) "comprehensive oral evaluation .")
(SETF (GETHASH 'D0160 CDT-HASH-TABLE)
      "detailed and extensive oral evaluation - problem focused, by report .")
(SETF (GETHASH 'D0170 CDT-HASH-TABLE)
      "Re-evaluation-limited, problem focused (Established patient; not post- operative visit) .")
(SETF (GETHASH 'D0210 CDT-HASH-TABLE)
      "intraoral - complete series (including bitewings) .")
(SETF (GETHASH 'D0220 CDT-HASH-TABLE)
      "intraoral - periapical first film.")
(SETF (GETHASH 'D0230 CDT-HASH-TABLE)
      "intraoral - periapical each additional film.")
(SETF (GETHASH 'D0250 CDT-HASH-TABLE) "extraoral - first film.")
(SETF (GETHASH 'D0240 CDT-HASH-TABLE) "intraoral - occlusal film.")
(SETF (GETHASH 'D0260 CDT-HASH-TABLE)
      "extraoral - each additional film.")
(SETF (GETHASH 'D0270 CDT-HASH-TABLE) "bitewing - single film.")
(SETF (GETHASH 'D0272 CDT-HASH-TABLE) "bitewings - two films.")
(SETF (GETHASH 'D0274 CDT-HASH-TABLE) "bitewings - four films.")
(SETF (GETHASH 'D0277 CDT-HASH-TABLE)
      "vertical bitewings-7 to 8 films.")
(SETF (GETHASH 'D0290 CDT-HASH-TABLE)
      "posterior-anterior or lateral skull and facial bone survey film.")
(SETF (GETHASH 'D0310 CDT-HASH-TABLE) "sialography.")
(SETF (GETHASH 'D0320 CDT-HASH-TABLE)
      "temporomandibular joint arthrogram, including injection.")
(SETF (GETHASH 'D0321 CDT-HASH-TABLE)
      "other temporomandibular joint films, by report.")
(SETF (GETHASH 'D0322 CDT-HASH-TABLE) "tomographic survey.")
(SETF (GETHASH 'D0330 CDT-HASH-TABLE) "panoramic film.")
(SETF (GETHASH 'D0340 CDT-HASH-TABLE) "cephalometric film.")
(SETF (GETHASH 'D0350 CDT-HASH-TABLE)
      "oral/facial images (includes intra and extraoral images).")
(SETF (GETHASH 'D0415 CDT-HASH-TABLE)
      "bacteriologic studies for determination of pathologic agents .")
(SETF (GETHASH 'D0425 CDT-HASH-TABLE) "caries susceptibility tests.")
(SETF (GETHASH 'D0460 CDT-HASH-TABLE) "pulp vitality tests .")
(SETF (GETHASH 'D0470 CDT-HASH-TABLE) "diagnostic casts.")
(SETF (GETHASH 'D0472 CDT-HASH-TABLE)
      "accession of tissue, gross examination, preparation and transmission of written report.")
(SETF (GETHASH 'D0473. CDT-HASH-TABLE)
      "accession of tissue, gross and microscopic examination, preparation and transmission of written report.")
(SETF (GETHASH 'D0474 CDT-HASH-TABLE)
      "accession of tissue, gross and microscopic examination, including assessment of surgical margins for presence of disease, preparation and transmission of written report.")
(SETF (GETHASH 'D0480 CDT-HASH-TABLE)
      "processing and interpretation of cytologic smears, including the preparation and.")
(SETF (GETHASH 'D0501 CDT-HASH-TABLE) "histopathologic examinations.")
(SETF (GETHASH 'D0502 CDT-HASH-TABLE)
      "other oral pathology procedures, by report.")
(SETF (GETHASH 'D0999 CDT-HASH-TABLE)
      "unspecified diagnostic procedure, by report.")
(SETF (GETHASH 'D1110 CDT-HASH-TABLE) "prophylaxis - adult.")
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(SETF (GETHASH 'D1120 CDT-HASH-TABLE) "prophylaxis - child.")
(SETF (GETHASH 'D1201 CDT-HASH-TABLE)
      "topical application of fluoride (including prophylaxis) - child.")
(SETF (GETHASH 'D1203 CDT-HASH-TABLE)
      "topical application of fluoride (prophylaxis not included) - child.")
(SETF (GETHASH 'D1204 CDT-HASH-TABLE)
      "topical application of fluoride (prophylaxis not included) - adult.")
(SETF (GETHASH 'D1205 CDT-HASH-TABLE)
      "topical application of fluoride (including prophylaxis) - adult.")
(SETF (GETHASH 'D1310 CDT-HASH-TABLE)
      "nutritional counseling for control of dental disease.")
(SETF (GETHASH 'D1320 CDT-HASH-TABLE)
      "tobacco counseling for the control and prevention of oral disease.")
(SETF (GETHASH 'D1330 CDT-HASH-TABLE) "oral hygiene instructions.")
(SETF (GETHASH 'D1351 CDT-HASH-TABLE) "sealant - per tooth.")
(SETF (GETHASH 'D1510 CDT-HASH-TABLE)
      "space maintainer - fixed - unilateral.")
(SETF (GETHASH 'D1515 CDT-HASH-TABLE)
      "space maintainer - fixed - bilateral.")
(SETF (GETHASH 'D1520 CDT-HASH-TABLE)
      "space maintainer - removable - unilateral.")
(SETF (GETHASH 'D1525 CDT-HASH-TABLE)
      "space maintainer - removable - bilateral.")
(SETF (GETHASH 'D1550 CDT-HASH-TABLE)
      "recementation of space maintainer.")
(SETF (GETHASH 'D2110 CDT-HASH-TABLE) "amalgam - one surface, primary.")
(SETF (GETHASH 'D2120 CDT-HASH-TABLE)
      "amalgam - two surfaces, primary.")
(SETF (GETHASH 'D2130 CDT-HASH-TABLE)
      "amalgam - three surfaces, primary.")
(SETF (GETHASH 'D2131 CDT-HASH-TABLE)
      "amalgam - four or more surfaces, primary.")
(SETF (GETHASH 'D2140 CDT-HASH-TABLE)
      "amalgam - one surface, permanent.")
(SETF (GETHASH 'D2150 CDT-HASH-TABLE)
      "amalgam - two surfaces, permanent.")
(SETF (GETHASH 'D2160 CDT-HASH-TABLE)
      "amalgam - three surfaces, permanent.")
(SETF (GETHASH 'D2330 CDT-HASH-TABLE)
      "resin-based composite - one surface, anterior.")
(SETF (GETHASH 'D2331 CDT-HASH-TABLE)
      "resin-based composite - two surfaces, anterior.")
(SETF (GETHASH 'D2332 CDT-HASH-TABLE)
      "resin-based composite - three surfaces, anterior.")
(SETF (GETHASH 'D2335 CDT-HASH-TABLE)
      "resin-based composite - four or more surfaces or involving incisal angle (anterior).")
(SETF (GETHASH 'D2336 CDT-HASH-TABLE)
      "resin-based composite crown, anterior-primary.")
(SETF (GETHASH 'D2337 CDT-HASH-TABLE)
      "resin-based composite crown, anterior-permanent.")
(SETF (GETHASH 'D2380 CDT-HASH-TABLE)
      "resin-based composite - one surface, posterior-primary.")
(SETF (GETHASH 'D2381 CDT-HASH-TABLE)
      "resin-based composite - two surfaces, posterior-primary.")
(SETF (GETHASH 'D2382 CDT-HASH-TABLE)
      "resin-based composite - three or more surfaces, posterior-primary.")
(SETF (GETHASH 'D2385 CDT-HASH-TABLE)
      "resin-based composite - one surface, posterior-permanent.")
(SETF (GETHASH 'D2386 CDT-HASH-TABLE)
      "resin-based composite - two surfaces, posterior-permanent.")
(SETF (GETHASH 'D2387 CDT-HASH-TABLE)
      "resin-based composite - three surfaces, posterior-permanent.")
(SETF (GETHASH 'D2388 CDT-HASH-TABLE)
      "resin-based composite - four or more surfaces, posterior permanentD2651")
(SETF (GETHASH 'D2410 CDT-HASH-TABLE) "gold foil - one surface.")
(SETF (GETHASH 'D2420 CDT-HASH-TABLE) "gold foil - two surfaces.")
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(SETF (GETHASH 'D2430 CDT-HASH-TABLE) "gold foil - three surfaces.")
(SETF (GETHASH 'D2510 CDT-HASH-TABLE) "inlay - metallic - one surface.")
(SETF (GETHASH 'D2520 CDT-HASH-TABLE)
      "inlay - metallic - two surfaces.")
(SETF (GETHASH 'D2530 CDT-HASH-TABLE)
      "inlay - metallic - three or more surfaces.")
(SETF (GETHASH 'D2542 CDT-HASH-TABLE) "onlay-metallic-two surfaces.")
(SETF (GETHASH 'D2543 CDT-HASH-TABLE) "onlay-metallic-three surfaces.")
(SETF (GETHASH 'D2544 CDT-HASH-TABLE)
      "onlay-metallic-four or more surfaces.")
(SETF (GETHASH 'D2610 CDT-HASH-TABLE)
      "inlay - porcelain/ceramic - one surface.")
(SETF (GETHASH 'D2620 CDT-HASH-TABLE)
      "inlay - porcelain/ceramic - two surfaces .")
(SETF (GETHASH 'D2630 CDT-HASH-TABLE)
      "inlay - porcelain/ceramic - three or more surfaces.")
(SETF (GETHASH 'D2642 CDT-HASH-TABLE)
      "onlay - porcelain/ceramic - two surfaces.")
(SETF (GETHASH 'D2643 CDT-HASH-TABLE)
      "onlay - porcelain/ceramic - three surfaces.")
(SETF (GETHASH 'D2644 CDT-HASH-TABLE)
      "onlay - porcelain/ceramic - four or more surfaces.")
(SETF (GETHASH 'D2650 CDT-HASH-TABLE)
      "inlay - resin-based composite - one surface .")
(SETF (GETHASH 'D2651 CDT-HASH-TABLE)
      "inlay - resin-based composite - two surfaces .")
(SETF (GETHASH 'D2652 CDT-HASH-TABLE)
      "inlay - - resin-based composite - three or more surfaces .")
(SETF (GETHASH 'D2662 CDT-HASH-TABLE)
      "onlay - - resin-based composite - two surfaces .")
(SETF (GETHASH 'D2663 CDT-HASH-TABLE)
      "onlay - - resin-based composite - three surfaces .")
(SETF (GETHASH 'D2664 CDT-HASH-TABLE)
      "onlay - - resin-based composite - four or more surfaces .")
(SETF (GETHASH 'D2710 CDT-HASH-TABLE) "crown - resin (laboratory).")
(SETF (GETHASH 'D2720 CDT-HASH-TABLE)
      "crown - resin with high noble metal .")
(SETF (GETHASH 'D2721 CDT-HASH-TABLE)
      "crown - resin with predominantly base metal.")
(SETF (GETHASH 'D2722 CDT-HASH-TABLE) "crown - resin with noble metal.")
(SETF (GETHASH 'D2740 CDT-HASH-TABLE)
      "crown - porcelain/ceramic substrate.")
(SETF (GETHASH 'D2750 CDT-HASH-TABLE)
      "crown - porcelain fused to high noble metal.")
(SETF (GETHASH 'D2751 CDT-HASH-TABLE)
      "crown - porcelain fused to predominantly base metal.")
(SETF (GETHASH 'D2752 CDT-HASH-TABLE)
      "crown - porcelain fused to noble metal.")
(SETF (GETHASH 'D2780 CDT-HASH-TABLE)
      "crown - 3/4 cast high noble metal.")
(SETF (GETHASH 'D2781 CDT-HASH-TABLE)
      "crown - 3/4 cast predominately base metal .")
(SETF (GETHASH 'D2782 CDT-HASH-TABLE) "crown - 3/4 cast noble metal .")
(SETF (GETHASH 'D2783 CDT-HASH-TABLE) "crown - 3/4 porcelain/ceramic .")
(SETF (GETHASH 'D2790 CDT-HASH-TABLE)
      "crown - full cast high noble metal.")
(SETF (GETHASH 'D2791 CDT-HASH-TABLE)
      "crown - full cast predominantly base metal.")
(SETF (GETHASH 'D2792 CDT-HASH-TABLE) "crown - full cast noble metal.")
(SETF (GETHASH 'D2799 CDT-HASH-TABLE) "provisional crown.")
(SETF (GETHASH 'D2910 CDT-HASH-TABLE) "recement inlay.")
(SETF (GETHASH 'D2920 CDT-HASH-TABLE) "recement crown.")
(SETF (GETHASH 'D2930 CDT-HASH-TABLE)
      "prefabricated stainless steel crown - primary tooth.")
(SETF (GETHASH 'D2931 CDT-HASH-TABLE)
      "prefabricated stainless steel crown - permanent tooth.")
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(SETF (GETHASH 'D2932 CDT-HASH-TABLE) "prefabricated resin crown.")
(SETF (GETHASH 'D2933 CDT-HASH-TABLE)
      "prefabricated stainless steel crown with resin window.")
(SETF (GETHASH 'D2940 CDT-HASH-TABLE) "sedative filling.")
(SETF (GETHASH 'D2950 CDT-HASH-TABLE)
      "core buildup, including any pins.")
(SETF (GETHASH 'D2951 CDT-HASH-TABLE)
      "pin retention - per tooth, in addition to restoration.")
(SETF (GETHASH 'D2952 CDT-HASH-TABLE)
      "cast post and core in addition to crown.")
(SETF (GETHASH 'D2953 CDT-HASH-TABLE)
      "each additional cast post - same tooth.")
(SETF (GETHASH 'D2954 CDT-HASH-TABLE)
      "prefabricated post and core in addition to crown.")
(SETF (GETHASH 'D2955 CDT-HASH-TABLE)
      "post removal (not in conjunction with endodontic therapy).")
(SETF (GETHASH 'D2957 CDT-HASH-TABLE) "To be used with D2954.")
(SETF (GETHASH 'D2960 CDT-HASH-TABLE)
      "labial veneer (resin laminate) - chairside.")
(SETF (GETHASH 'D2961 CDT-HASH-TABLE)
      "labial veneer (resin laminate) - laboratory.")
(SETF (GETHASH 'D2962 CDT-HASH-TABLE)
      "labial veneer (porcelain laminate) - laboratory.")
(SETF (GETHASH 'D2970 CDT-HASH-TABLE)
      "temporary crown (fractured tooth).")
(SETF (GETHASH 'D2980 CDT-HASH-TABLE) "crown repair, by report.")
(SETF (GETHASH 'D2999 CDT-HASH-TABLE)
      "unspecified restorative procedure, by report.")
(SETF (GETHASH 'D3110 CDT-HASH-TABLE)
      "pulp cap - direct (excluding final restoration).")
(SETF (GETHASH 'D3120 CDT-HASH-TABLE)
      "pulp cap - indirect (excluding final restoration).")
(SETF (GETHASH 'D3220 CDT-HASH-TABLE)
      "therapeutic pulpotomy (excluding final restoration) removal of pulp coronal to the dentinocemental junction and application of medicament..")
(SETF (GETHASH 'D3221 CDT-HASH-TABLE)
      "gross pulpal debridement, primary and permanent teeth..")
(SETF (GETHASH 'D3230 CDT-HASH-TABLE)
      "pulpal therapy (resorbable filling) - anterior, primary tooth (excluding final restoration) .")
(SETF (GETHASH 'D3240 CDT-HASH-TABLE)
      "pulpal therapy (resorbable filling) - posterior, primary tooth (excluding final restoration) .")
(SETF (GETHASH 'D3310 CDT-HASH-TABLE)
      "anterior (excluding final restoration).")
(SETF (GETHASH 'D3320 CDT-HASH-TABLE)
      "bicuspid (excluding final restoration).")
(SETF (GETHASH 'D3330 CDT-HASH-TABLE)
      "molar (excluding final restoration).")
(SETF (GETHASH 'D3331 CDT-HASH-TABLE)
      "treatment of root canal obstruction; non-surgical access.")
(SETF (GETHASH 'D3332 CDT-HASH-TABLE)
      "incomplete endodontic therapy; inoperable or fractured tooth.")
(SETF (GETHASH 'D3346 CDT-HASH-TABLE)
      "retreatment of previous root canal therapy - anterior.")
(SETF (GETHASH 'D3347 CDT-HASH-TABLE)
      "retreatment of previous root canal therapy - bicuspid.")
(SETF (GETHASH 'D3348 CDT-HASH-TABLE)
      "retreatment of previous root canal therapy - molar.")
(SETF (GETHASH 'D3351 CDT-HASH-TABLE)
      "apexification/recalcification - initial visit (apical closure/calcific repair of perforations, root resorption, etc.).")
(SETF (GETHASH 'D3352 CDT-HASH-TABLE)
      "apexification/recalcification - interim medication replacement (apical closure/calcific repair of perforations, root resorption, etc.).")
(SETF (GETHASH 'D3353 CDT-HASH-TABLE)
      "apexification/recalcification - final visit (includes completed root canal therapy - apical closure/calcific repair of perforations, root resorption, etc.).")
(SETF (GETHASH 'D3410 CDT-HASH-TABLE)
      "apicoectomy/periradicular surgery - anterior.")
(SETF (GETHASH 'D3421 CDT-HASH-TABLE)
      "apicoectomy/periradicular surgery - bicuspid (first root).")
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(SETF (GETHASH 'D3425 CDT-HASH-TABLE)
      "apicoectomy/periradicular surgery- molar (first root).")
(SETF (GETHASH 'D3426 CDT-HASH-TABLE)
      "apicoectomy/periradicular surgery (each additional root).")
(SETF (GETHASH 'D3430 CDT-HASH-TABLE) "retrograde filling - per root.")
(SETF (GETHASH 'D3450 CDT-HASH-TABLE) "root amputation - per root.")
(SETF (GETHASH 'D3460 CDT-HASH-TABLE) "endodontic endosseous implant.")
(SETF (GETHASH 'D3470 CDT-HASH-TABLE)
      "intentional reimplantation (including necessary splinting).")
(SETF (GETHASH 'D3910 CDT-HASH-TABLE)
      "surgical procedure for isolation of tooth with rubber dam.")
(SETF (GETHASH 'D3920 CDT-HASH-TABLE)
      "hemisection (including any root removal), not including root canal therapy.")
(SETF (GETHASH 'D3950 CDT-HASH-TABLE)
      "canal preparation and fitting of preformed dowel or post.")
(SETF (GETHASH 'D3999 CDT-HASH-TABLE)
      "unspecified endodontic procedure, by report.")
(SETF (GETHASH 'D4210 CDT-HASH-TABLE)
      "gingivectomy or gingivoplasty - per quadrant.")
(SETF (GETHASH 'D4211 CDT-HASH-TABLE)
      "gingivectomy or gingivoplasty - per tooth.")
(SETF (GETHASH 'D4220 CDT-HASH-TABLE)
      "gingival curettage, surgical - per quadrant, by report.")
(SETF (GETHASH 'D4240 CDT-HASH-TABLE)
      "gingival flap procedure, including root planing - per quadrant.")
(SETF (GETHASH 'D4245 CDT-HASH-TABLE) "apically positioned flap.")
(SETF (GETHASH 'D4249 CDT-HASH-TABLE)
      "clinical crown lengthening - hard tissue.")
(SETF (GETHASH 'D4260 CDT-HASH-TABLE)
      "osseous surgery (including flap entry and closure) - per quadrant.")
(SETF (GETHASH 'D4263 CDT-HASH-TABLE)
      "bone replacement graft - first site in quadrant.")
(SETF (GETHASH 'D4264 CDT-HASH-TABLE)
      "bone replacement graft - each additional site in quadrant.")
(SETF (GETHASH 'D4266 CDT-HASH-TABLE)
      "guided tissue regeneration - resorbable barrier, per site.")
(SETF (GETHASH 'D4267 CDT-HASH-TABLE)
      "guided tissue regeneration - nonresorbable barrier, per site, (includes membrane removal).")
(SETF (GETHASH 'D4268 CDT-HASH-TABLE)
      "surgical revision procedure, per tooth.")
(SETF (GETHASH 'D4270 CDT-HASH-TABLE)
      "pedicle soft tissue graft procedure.")
(SETF (GETHASH 'D4271 CDT-HASH-TABLE)
      "free soft tissue graft procedure (including donor site surgery).")
(SETF (GETHASH 'D4273 CDT-HASH-TABLE)
      "subepithelial connective tissue graft procedure (including donor site surgery).")
(SETF (GETHASH 'D4274 CDT-HASH-TABLE)
      "distal or proximal wedge procedure (when not performed in conjunction with surgical procedures in the same anatomical area).")
(SETF (GETHASH 'D4320 CDT-HASH-TABLE)
      "provisional splinting - intracoronal.")
(SETF (GETHASH 'D4321 CDT-HASH-TABLE)
      "provisional splinting - extracoronal.")
(SETF (GETHASH 'D4341 CDT-HASH-TABLE)
      "periodontal scaling and root planing, per quadrant.")
(SETF (GETHASH 'D4355 CDT-HASH-TABLE)
      "full mouth debridement to enable comprehensive periodontal evaluation and diagnosis.")
(SETF (GETHASH 'D4381 CDT-HASH-TABLE)
      "localized delivery of chemotherapeutic agents via a controlled release vehicle into diseased crevicular tissue, per tooth, by report.")
(SETF (GETHASH 'D4910 CDT-HASH-TABLE)
      "periodontal maintenance procedures (following active therapy).")
(SETF (GETHASH 'D4920 CDT-HASH-TABLE)
      "unscheduled dressing change (by someone other than treating dentist).")
(SETF (GETHASH 'D4999 CDT-HASH-TABLE)
      "unspecified periodontal procedure, by report.")
(SETF (GETHASH 'D5110 CDT-HASH-TABLE) "complete denture - maxillary.")
(SETF (GETHASH 'D5120 CDT-HASH-TABLE) "complete denture - mandibular.")
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(SETF (GETHASH 'D5130 CDT-HASH-TABLE) "immediate denture - maxillary.")
(SETF (GETHASH 'D5140 CDT-HASH-TABLE) "immediate denture - mandibular.")
(SETF (GETHASH 'D5211 CDT-HASH-TABLE)
      "maxillary partial denture - resin base (including any conventional clasps, rests and teeth).")
(SETF (GETHASH 'D5212 CDT-HASH-TABLE)
      "mandibular partial denture - resin base (including any conventional")
(SETF (GETHASH 'D5213 CDT-HASH-TABLE)
      "maxillary partial denture - cast metal framework with resin denture bases (including any conventional clasps, rests and teeth).")
(SETF (GETHASH 'D5214 CDT-HASH-TABLE)
      "mandibular partial denture - cast metal framework with resin denture bases (including any conventional clasps, rests and teeth)")
(SETF (GETHASH 'D5281 CDT-HASH-TABLE)
      "removable unilateral partial denture - one piece cast metal (including clasps and teeth).")
(SETF (GETHASH 'D5410 CDT-HASH-TABLE)
      "adjust complete denture - maxillary.")
(SETF (GETHASH 'D5411 CDT-HASH-TABLE)
      "adjust complete denture - mandibular.")
(SETF (GETHASH 'D5421 CDT-HASH-TABLE)
      "adjust partial denture - maxillary.")
(SETF (GETHASH 'D5422 CDT-HASH-TABLE)
      "adjust partial denture - mandibular.")
(SETF (GETHASH 'D5510 CDT-HASH-TABLE)
      "repair broken complete denture base.")
(SETF (GETHASH 'D5520 CDT-HASH-TABLE)
      "replace missing or broken teeth - complete denture (each tooth).")
(SETF (GETHASH 'D5610 CDT-HASH-TABLE) "repair resin denture base.")
(SETF (GETHASH 'D5620 CDT-HASH-TABLE) "repair cast framework.")
(SETF (GETHASH 'D5630 CDT-HASH-TABLE) "repair or replace broken clasp.")
(SETF (GETHASH 'D5640 CDT-HASH-TABLE)
      "replace broken teeth - per tooth.")
(SETF (GETHASH 'D5650 CDT-HASH-TABLE)
      "add tooth to existing partial denture.")
(SETF (GETHASH 'D5660 CDT-HASH-TABLE)
      "add clasp to existing partial denture.")
(SETF (GETHASH 'D5710 CDT-HASH-TABLE)
      "rebase complete maxillary denture.")
(SETF (GETHASH 'D5711 CDT-HASH-TABLE)
      "rebase complete mandibular denture.")
(SETF (GETHASH 'D5720 CDT-HASH-TABLE)
      "rebase maxillary partial denture.")
(SETF (GETHASH 'D5721 CDT-HASH-TABLE)
      "rebase mandibular partial denture.")
(SETF (GETHASH 'D5730 CDT-HASH-TABLE)
      "reline complete maxillary denture (chairside).")
(SETF (GETHASH 'D5731 CDT-HASH-TABLE)
      "reline complete mandibular denture (chairside).")
(SETF (GETHASH 'D5740 CDT-HASH-TABLE)
      "reline maxillary partial denture (chairside).")
(SETF (GETHASH 'D5741 CDT-HASH-TABLE)
      "reline mandibular partial denture (chairside).")
(SETF (GETHASH 'D5750 CDT-HASH-TABLE)
      "reline complete maxillary denture (laboratory).")
(SETF (GETHASH 'D5751 CDT-HASH-TABLE)
      "reline complete mandibular denture (laboratory).")
(SETF (GETHASH 'D5760 CDT-HASH-TABLE)
      "reline maxillary partial denture (laboratory) .")
(SETF (GETHASH 'D5761 CDT-HASH-TABLE)
      "reline mandibular partial denture (laboratory).")
(SETF (GETHASH 'D5810 CDT-HASH-TABLE)
      "interim complete denture (maxillary).")
(SETF (GETHASH 'D5811 CDT-HASH-TABLE)
      "interim complete denture (mandibular).")
(SETF (GETHASH 'D5820 CDT-HASH-TABLE)
      "interim partial denture (maxillary).")
(SETF (GETHASH 'D5821 CDT-HASH-TABLE)
      "interim partial denture (mandibular).")
(SETF (GETHASH 'D5850 CDT-HASH-TABLE) "tissue conditioning, maxillary.")
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(SETF (GETHASH 'D5851 CDT-HASH-TABLE)
      "tissue conditioning, mandibular.")
(SETF (GETHASH 'D5860 CDT-HASH-TABLE)
      "overdenture - complete, by report")
(SETF (GETHASH 'D5861 CDT-HASH-TABLE)
      "overdenture - partial, by report")
(SETF (GETHASH 'D5862 CDT-HASH-TABLE)
      "precision attachment, by report.")
(SETF (GETHASH 'D5867 CDT-HASH-TABLE)
      "replacement of replaceable part of semi-precision or precision attachment (male or female component).")
(SETF (GETHASH 'D5899 CDT-HASH-TABLE)
      "unspecified removable prosthodontic procedure, by report.")
(SETF (GETHASH 'D5911 CDT-HASH-TABLE) "facial moulage (sectional).")
(SETF (GETHASH 'D5912 CDT-HASH-TABLE) "facial moulage (complete).")
(SETF (GETHASH 'D5913 CDT-HASH-TABLE) "nasal prosthesis.")
(SETF (GETHASH 'D5914 CDT-HASH-TABLE) "auricular prosthesis.")
(SETF (GETHASH 'D5915 CDT-HASH-TABLE) "orbital prosthesis.")
(SETF (GETHASH 'D5916 CDT-HASH-TABLE) "ocular prosthesis.")
(SETF (GETHASH 'D5919 CDT-HASH-TABLE) "facial prosthesis.")
(SETF (GETHASH 'D5922 CDT-HASH-TABLE) "nasal septal prosthesis.")
(SETF (GETHASH 'D5923 CDT-HASH-TABLE) "ocular prosthesis, interim.")
(SETF (GETHASH 'D5924 CDT-HASH-TABLE) "cranial prosthesis.")
(SETF (GETHASH 'D5925 CDT-HASH-TABLE)
      "facial augmentation implant prosthesis.")
(SETF (GETHASH 'D5926 CDT-HASH-TABLE) "nasal prosthesis, replacement.")
(SETF (GETHASH 'D5927 CDT-HASH-TABLE)
      "auricular prosthesis, replacement.")
(SETF (GETHASH 'D5928 CDT-HASH-TABLE)
      "orbital prosthesis, replacement.")
(SETF (GETHASH 'D5929 CDT-HASH-TABLE) "facial prosthesis, replacement.")
(SETF (GETHASH 'D5931 CDT-HASH-TABLE) "obturator prosthesis, surgical.")
(SETF (GETHASH 'D5932 CDT-HASH-TABLE)
      "obturator prosthesis, definitive.")
(SETF (GETHASH 'D5933 CDT-HASH-TABLE)
      "obturator prosthesis, modification.")
(SETF (GETHASH 'D5934 CDT-HASH-TABLE)
      "mandibular resection prosthesis with guide flange.")
(SETF (GETHASH 'D5935 CDT-HASH-TABLE)
      "mandibular resection prosthesis without guide flange.")
(SETF (GETHASH 'D5936 CDT-HASH-TABLE) "obturator prosthesis, interim.")
(SETF (GETHASH 'D5937 CDT-HASH-TABLE)
      "trismus appliance (not for TMD treatment).")
(SETF (GETHASH 'D5951 CDT-HASH-TABLE) "feeding aid.")
(SETF (GETHASH 'D5952 CDT-HASH-TABLE)
      "speech aid prosthesis, pediatric.")
(SETF (GETHASH 'D5953 CDT-HASH-TABLE) "speech aid prosthesis, adult.")
(SETF (GETHASH 'D5954 CDT-HASH-TABLE)
      "palatal augmentation prosthesis.")
(SETF (GETHASH 'D5955 CDT-HASH-TABLE)
      "palatal lift prosthesis, definitive.")
(SETF (GETHASH 'D5958 CDT-HASH-TABLE)
      "palatal lift prosthesis, interim.")
(SETF (GETHASH 'D5959 CDT-HASH-TABLE)
      "palatal lift prosthesis, modification.")
(SETF (GETHASH 'D5960 CDT-HASH-TABLE)
      "speech aid prosthesis, modification.")
(SETF (GETHASH 'D5982 CDT-HASH-TABLE) "surgical stent.")
(SETF (GETHASH 'D5983 CDT-HASH-TABLE) "radiation carrier.")
(SETF (GETHASH 'D5984 CDT-HASH-TABLE) "radiation shield.")
(SETF (GETHASH 'D5985 CDT-HASH-TABLE) "radiation cone locator.")
(SETF (GETHASH 'D5986 CDT-HASH-TABLE) "fluoride gel carrier.")
(SETF (GETHASH 'D5987 CDT-HASH-TABLE) "commissure splint.")
(SETF (GETHASH 'D5988 CDT-HASH-TABLE) "surgical splint.")
(SETF (GETHASH 'D5999 CDT-HASH-TABLE)
      "unspecified maxillofacial prosthesis, by report.")
(SETF (GETHASH 'D6010 CDT-HASH-TABLE)
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      "surgical placement of implant body: endosteal implant.")
(SETF (GETHASH 'D6020 CDT-HASH-TABLE)
      "abutment placement or substitution: endosteal implant.")
(SETF (GETHASH 'D6040 CDT-HASH-TABLE)
      "surgical placement: eposteal implant.")
(SETF (GETHASH 'D6050 CDT-HASH-TABLE)
      "surgical placement: transosteal implant.")
(SETF (GETHASH 'D6055 CDT-HASH-TABLE)
      "dental implant supported connecting bar.")
(SETF (GETHASH 'D6056 CDT-HASH-TABLE) "prefabricated abutment.")
(SETF (GETHASH 'D6057 CDT-HASH-TABLE) "custom abutment.")
(SETF (GETHASH 'D6058 CDT-HASH-TABLE)
      "abutment supported porcelain/ceramic crown.")
(SETF (GETHASH 'D6059 CDT-HASH-TABLE)
      "abutment supported porcelain fused to metal crown (high noble metal) .")
(SETF (GETHASH 'D6060 CDT-HASH-TABLE)
      "abutment supported porcelain fused to metal crown (predominantly base metal).")
(SETF (GETHASH 'D6061 CDT-HASH-TABLE)
      "abutment supported porcelain fused to metal crown (noble metal) .")
(SETF (GETHASH 'D6062 CDT-HASH-TABLE)
      "abutment supported cast metal crown (high noble metal).")
(SETF (GETHASH 'D6063 CDT-HASH-TABLE)
      "abutment supported cast metal crown (predominantly base metal).")
(SETF (GETHASH 'D6064 CDT-HASH-TABLE)
      "abutment supported cast metal crown (noble metal).")
(SETF (GETHASH 'D6065 CDT-HASH-TABLE)
      "implant supported porcelain/ceramic crown.")
(SETF (GETHASH 'D6066 CDT-HASH-TABLE)
      "implant supported porcelain fused to metal crown (titanium, titanium alloy, high noble metal).")
(SETF (GETHASH 'D6067 CDT-HASH-TABLE)
      "implant supported metal crown (titanium, titanium alloy, high noble metal).")
(SETF (GETHASH 'D6068 CDT-HASH-TABLE)
      "abutment supported retainer for porcelain/ceramic FPD.")
(SETF (GETHASH 'D6069 CDT-HASH-TABLE)
      "abutment supported retainer for porcelain fused to metal FPD (high noble metal).")
(SETF (GETHASH 'D6070 CDT-HASH-TABLE)
      "abutment supported retainer for porcelain fused to metal FPD (predominately base metal).")
(SETF (GETHASH 'D6071 CDT-HASH-TABLE)
      "abutment supported retainer for porcelain fused to metal FPD (noble metal).")
(SETF (GETHASH 'D6072 CDT-HASH-TABLE)
      "abutment supported retainer for cast metal FPD (high noble metal).")
(SETF (GETHASH 'D6073 CDT-HASH-TABLE)
      "abutment supported retainer for cast metal FPD (predominately base metal).")
(SETF (GETHASH 'D6074 CDT-HASH-TABLE)
      "abutment supported retainer for cast metal FPD (noble metal).")
(SETF (GETHASH 'D6075 CDT-HASH-TABLE)
      "implant supported retainer for ceramic FPD.")
(SETF (GETHASH 'D6076 CDT-HASH-TABLE)
      "implant supported retainer for porcelain fused to metal FPD ( titanium, titanium alloy, or high noble metal).")
(SETF (GETHASH 'D6077 CDT-HASH-TABLE)
      "implant supported retainer for cast metal FPD ( titanium, titanium alloy, or high noble metal).")
(SETF (GETHASH 'D6078 CDT-HASH-TABLE)
      "implant/abutment supported fixed denture for completely edentulous arch.")
(SETF (GETHASH 'D6079 CDT-HASH-TABLE)
      "implant/abutment supported fixed denture for partially edentulous arch.")
(SETF (GETHASH 'D6080 CDT-HASH-TABLE)
      "implant maintenance procedures, including removal of prosthesis, cleansing of prosthesis and abutments and reinsertion of prosthesis.")
(SETF (GETHASH 'D6090 CDT-HASH-TABLE)
      "repair implant supported prosthesis, by report.")
(SETF (GETHASH 'D6095 CDT-HASH-TABLE)
      "repair implant abutment, by report.")
(SETF (GETHASH 'D6100 CDT-HASH-TABLE) "implant removal, by report.")
(SETF (GETHASH 'D6199 CDT-HASH-TABLE)
      "unspecified implant procedure, by report.")
(SETF (GETHASH 'D6210 CDT-HASH-TABLE) "pontic - cast high noble metal.")
(SETF (GETHASH 'D6211 CDT-HASH-TABLE)
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      "pontic - cast predominantly base metal.")
(SETF (GETHASH 'D6212 CDT-HASH-TABLE) "pontic - cast noble metal.")
(SETF (GETHASH 'D6240 CDT-HASH-TABLE)
      "pontic - porcelain fused to high noble metal.")
(SETF (GETHASH 'D6241 CDT-HASH-TABLE)
      "pontic - porcelain fused to predominantly base metal.")
(SETF (GETHASH 'D6242 CDT-HASH-TABLE)
      "pontic - porcelain fused to noble metal.")
(SETF (GETHASH 'D6245 CDT-HASH-TABLE) "pontic - porcelain/ceramic .")
(SETF (GETHASH 'D6250 CDT-HASH-TABLE)
      "pontic - resin with high noble metal.")
(SETF (GETHASH 'D6251 CDT-HASH-TABLE)
      "pontic - resin with predominantly base metal.")
(SETF (GETHASH 'D6252 CDT-HASH-TABLE)
      "pontic - resin with noble metal.")
(SETF (GETHASH 'D6519 CDT-HASH-TABLE)
      "inlay/onlay - porcelain/ceramic .")
(SETF (GETHASH 'D6520 CDT-HASH-TABLE)
      "inlay - metallic - two surfaces.")
(SETF (GETHASH 'D6530 CDT-HASH-TABLE)
      "inlay - metallic - three or more surfaces.")
(SETF (GETHASH 'D6543 CDT-HASH-TABLE)
      "onlay - metallic - three surfaces.")
(SETF (GETHASH 'D6544 CDT-HASH-TABLE)
      "onlay - metallic - four or more surfaces.")
(SETF (GETHASH 'D6545 CDT-HASH-TABLE)
      "retainer - cast metal for resin bonded fixed prosthesis.")
(SETF (GETHASH 'D6548 CDT-HASH-TABLE)
      "retainer - porcelain/ceramic for resin bonded fixed prosthesis.")
(SETF (GETHASH 'D6720 CDT-HASH-TABLE)
      "crown - resin with high noble metal.")
(SETF (GETHASH 'D6721 CDT-HASH-TABLE)
      "crown - resin with predominantly base metal.")
(SETF (GETHASH 'D6722 CDT-HASH-TABLE) "crown - resin with noble metal.")
(SETF (GETHASH 'D6740 CDT-HASH-TABLE) "crown - porcelain/ceramic.")
(SETF (GETHASH 'D6750 CDT-HASH-TABLE)
      "crown - porcelain fused to high noble metal.")
(SETF (GETHASH 'D6751 CDT-HASH-TABLE)
      "crown - porcelain fused to predominantly base metal.")
(SETF (GETHASH 'D6752 CDT-HASH-TABLE)
      "crown - porcelain fused to noble metal.")
(SETF (GETHASH 'D6780 CDT-HASH-TABLE)
      "crown - 3/4 cast high noble metal.")
(SETF (GETHASH 'D6781 CDT-HASH-TABLE)
      "crown - 3/4 cast predominately based metal.")
(SETF (GETHASH 'D6782 CDT-HASH-TABLE) "crown - 3/4 cast noble metal.")
(SETF (GETHASH 'D6783 CDT-HASH-TABLE) "crown - 3/4 porcelain/ceramic.")
(SETF (GETHASH 'D6790 CDT-HASH-TABLE)
      "crown - full cast high noble metal.")
(SETF (GETHASH 'D6791 CDT-HASH-TABLE)
      "crown - full cast predominantly base metal.")
(SETF (GETHASH 'D6792 CDT-HASH-TABLE) "crown - full cast noble metal.")
(SETF (GETHASH 'D6920 CDT-HASH-TABLE) "connector bar.")
(SETF (GETHASH 'D6930 CDT-HASH-TABLE) "recement fixed partial denture.")
(SETF (GETHASH 'D6940 CDT-HASH-TABLE) "stress breaker.")
(SETF (GETHASH 'D6950 CDT-HASH-TABLE) "precision attachment.")
(SETF (GETHASH 'D6970 CDT-HASH-TABLE)
      "cast post and core in addition to fixed partial denture retainer.")
(SETF (GETHASH 'D6971 CDT-HASH-TABLE)
      "cast post as part of fixed partial denture retainer.")
(SETF (GETHASH 'D6972 CDT-HASH-TABLE)
      "prefabricated post and core in addition to fixed partial denture retainer.")
(SETF (GETHASH 'D6973 CDT-HASH-TABLE)
      "core build up for retainer, including any pins.")
(SETF (GETHASH 'D6975 CDT-HASH-TABLE) "coping - metal.")
(SETF (GETHASH 'D6976 CDT-HASH-TABLE)
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      "each additional cast post - same tooth.")
(SETF (GETHASH 'D6977 CDT-HASH-TABLE)
      "each additional prefabricated post - same tooth.")
(SETF (GETHASH 'D6980 CDT-HASH-TABLE)
      "fixed partial denture repair, by report.")
(SETF (GETHASH 'D6999 CDT-HASH-TABLE)
      "unspecified, fixed prosthodontic procedure, by report.")
(SETF (GETHASH 'D7110 CDT-HASH-TABLE) "single tooth.")
(SETF (GETHASH 'D7120 CDT-HASH-TABLE) "each additional tooth.")
(SETF (GETHASH 'D7130 CDT-HASH-TABLE) "root removal - exposed roots.")
(SETF (GETHASH 'D7210 CDT-HASH-TABLE)
      "surgical removal of erupted tooth requiring elevation of mucoperiosteal flap and removal of bone and/or section of tooth.")
(SETF (GETHASH 'D7220 CDT-HASH-TABLE)
      "removal of impacted tooth - soft tissue.")
(SETF (GETHASH 'D7230 CDT-HASH-TABLE)
      "removal of impacted tooth - partially bony.")
(SETF (GETHASH 'D7240 CDT-HASH-TABLE)
      "removal of impacted tooth - completely bony.")
(SETF (GETHASH 'D7241 CDT-HASH-TABLE)
      "removal of impacted tooth - completely bony, with unusual surgical complications.")
(SETF (GETHASH 'D7250 CDT-HASH-TABLE)
      "surgical removal of residual tooth roots (cutting procedure).")
(SETF (GETHASH 'D7260 CDT-HASH-TABLE) "oroantral fistula closure.")
(SETF (GETHASH 'D7270 CDT-HASH-TABLE)
      "tooth reimplantation and/or stabilization of accidentally evulsed or displaced tooth and/or alveolus.")
(SETF (GETHASH 'D7272 CDT-HASH-TABLE)
      "tooth transplantation (includes reimplantation from one site to another and splinting and/or stabilization).")
(SETF (GETHASH 'D7280 CDT-HASH-TABLE)
      "surgical exposure of impacted or unerupted tooth for orthodontic reasons (including orthodontic attachments).")
(SETF (GETHASH 'D7281 CDT-HASH-TABLE)
      "surgical exposure of impacted or unerupted tooth to aid eruption.")
(SETF (GETHASH 'DENSE CDT-HASH-TABLE) NIL)
(SETF (GETHASH 'D7285 CDT-HASH-TABLE)
      "biopsy of oral tissue - hard (bone, tooth).")
(SETF (GETHASH 'D7286 CDT-HASH-TABLE)
      "biopsy of oral tissue - soft (all others).")
(SETF (GETHASH 'D7285 CDT-HASH-TABLE)
      "biopsy of oral tissue - hard (bone, tooth).")
(SETF (GETHASH 'D7286 CDT-HASH-TABLE)
      "biopsy of oral tissue - soft (all others).")
(SETF (GETHASH 'D7290 CDT-HASH-TABLE)
      "surgical repositioning of teeth.")
(SETF (GETHASH 'D7291 CDT-HASH-TABLE)
      "transseptal fiberotomy, by report.")
(SETF (GETHASH 'D7310 CDT-HASH-TABLE)
      "alveoloplasty in conjunction with extractions - per quadrant.")
(SETF (GETHASH 'D7320 CDT-HASH-TABLE)
      "alveoloplasty not in conjunction with extractions - per quadrant.")
(SETF (GETHASH 'D7340 CDT-HASH-TABLE)
      "vestibuloplasty - ridge extension (secondary epithelialization).")
(SETF (GETHASH 'D7350 CDT-HASH-TABLE)
      "vestibuloplasty - ridge extension (including soft tissue grafts, muscle reattachment, revision of soft tissue attachment and management of hypertrophied and hyperplastic
tissue).")
(SETF (GETHASH 'D7410 CDT-HASH-TABLE)
      "radical excision - lesion diameter up to 1.25 cm.")
(SETF (GETHASH 'D7420 CDT-HASH-TABLE)
      "radical excision - lesion diameter greater than 1.25 cm.")
(SETF (GETHASH 'D7430 CDT-HASH-TABLE)
      "excision of benign tumor - lesion diameter up to 1.25 cm.")
(SETF (GETHASH 'D7431 CDT-HASH-TABLE)
      "excision of benign tumor - lesion diameter greater than 1.25 cm.")
(SETF (GETHASH 'D7440 CDT-HASH-TABLE)
      "excision of malignant tumor - lesion diameter up to 1.25 cm.")
(SETF (GETHASH 'D7441 CDT-HASH-TABLE)
      "excision of malignant tumor - lesion diameter greater than 1.25 cm.")
(SETF (GETHASH 'D7450 CDT-HASH-TABLE)
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      "removal of odontogenic cyst or tumor - lesion diameter up to 1.25 cm.")
(SETF (GETHASH 'D7451 CDT-HASH-TABLE)
      "removal of odontogenic cyst or tumor - lesion diameter greater than 1.25 cm .")
(SETF (GETHASH 'D7460 CDT-HASH-TABLE)
      "removal of nonodontogenic cyst or tumor - lesion diameter up to 1.25 cm.")
(SETF (GETHASH 'D7461 CDT-HASH-TABLE)
      "removal of nonodontogenic cyst or tumor - lesion diameter greater than 1.25 cm.")
(SETF (GETHASH 'D7465 CDT-HASH-TABLE)
      "destruction of lesion(s) by physical or chemical method, by report.")
(SETF (GETHASH 'D7471 CDT-HASH-TABLE)
      "removal of exostosis - per site.")
(SETF (GETHASH 'D7480 CDT-HASH-TABLE)
      "partial ostectomy (guttering or saucerization).")
(SETF (GETHASH 'D7490 CDT-HASH-TABLE)
      "radical resection of mandible with bone graft.")
(SETF (GETHASH 'D7510 CDT-HASH-TABLE)
      "incision and drainage of abscess - intraoral soft tissue.")
(SETF (GETHASH 'D7520 CDT-HASH-TABLE)
      "incision and drainage of abscess - extraoral soft tissue.")
(SETF (GETHASH 'D7530 CDT-HASH-TABLE)
      "removal of foreign body, skin, or subcutaneous alveolar tissue.")
(SETF (GETHASH 'D7540 CDT-HASH-TABLE)
      "removal of reaction producing foreign bodies, musculoskeletal system.")
(SETF (GETHASH 'D7550 CDT-HASH-TABLE)
      "sequestrectomy for osteomyelitis.")
(SETF (GETHASH 'D7560 CDT-HASH-TABLE)
      "maxillary sinusotomy for removal of tooth fragment or foreign body.")
(SETF (GETHASH 'D7610 CDT-HASH-TABLE)
      "maxilla - open reduction (teeth immobilized, if present).")
(SETF (GETHASH 'D7620 CDT-HASH-TABLE)
      "maxilla - closed reduction (teeth immobilized, if present).")
(SETF (GETHASH 'D7630 CDT-HASH-TABLE)
      "mandible - open reduction (teeth immobilized, if present).")
(SETF (GETHASH 'D7640 CDT-HASH-TABLE)
      "mandible - closed reduction (teeth immobilized, if present).")
(SETF (GETHASH 'D7650 CDT-HASH-TABLE)
      "malar and/or zygomatic arch - open reduction.")
(SETF (GETHASH 'D7660 CDT-HASH-TABLE)
      "malar and/or zygomatic arch - closed reduction.")
(SETF (GETHASH 'D7670 CDT-HASH-TABLE)
      "alveolus - stabilization of teeth, closed reduction splinting.")
(SETF (GETHASH 'D7680 CDT-HASH-TABLE)
      "facial bones - complicated reduction with fixation and multiple surgical approaches.")
(SETF (GETHASH 'D7710 CDT-HASH-TABLE) "maxilla open reduction.")
(SETF (GETHASH 'D7720 CDT-HASH-TABLE) "maxilla - closed reduction.")
(SETF (GETHASH 'D7730 CDT-HASH-TABLE) "mandible - open reduction.")
(SETF (GETHASH 'D7740 CDT-HASH-TABLE) "mandible - closed reduction.")
(SETF (GETHASH 'D7750 CDT-HASH-TABLE)
      "malar and/or zygomatic arch - open reduction.")
(SETF (GETHASH 'D7760 CDT-HASH-TABLE)
      "malar and/or zygomatic arch - closed reduction.")
(SETF (GETHASH 'D7770 CDT-HASH-TABLE)
      "alveolus - stabilization of teeth, open reduction splinting.")
(SETF (GETHASH 'D7780 CDT-HASH-TABLE)
      "facial bones - complicated reduction with fixation and multiple surgical approaches.")
(SETF (GETHASH 'D7810. CDT-HASH-TABLE) "open reduction of dislocation.")
(SETF (GETHASH 'D7820 CDT-HASH-TABLE)
      "closed reduction of dislocation.")
(SETF (GETHASH 'D7830 CDT-HASH-TABLE) "manipulation under anesthesia.")
(SETF (GETHASH 'D7840 CDT-HASH-TABLE) "condylectomy.")
(SETF (GETHASH 'D7850 CDT-HASH-TABLE)
      "surgical discectomy, with/without implant.")
(SETF (GETHASH 'D7852 CDT-HASH-TABLE) "disc repair.")
(SETF (GETHASH 'D7854 CDT-HASH-TABLE) "synovectomy.")
(SETF (GETHASH 'D7856 CDT-HASH-TABLE) "myotomy.")
(SETF (GETHASH 'D7858 CDT-HASH-TABLE) "joint reconstruction.")
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(SETF (GETHASH 'D7860 CDT-HASH-TABLE) "arthrotomy.")
(SETF (GETHASH 'D7865 CDT-HASH-TABLE) "arthroplasty.")
(SETF (GETHASH 'D7870 CDT-HASH-TABLE) "arthrocentesis.")
(SETF (GETHASH 'D7871 CDT-HASH-TABLE)
      "non-arthroscopic lysis and lavage.")
(SETF (GETHASH 'D7872 CDT-HASH-TABLE)
      "arthroscopy - diagnosis, with or without biopsy.")
(SETF (GETHASH 'D7873 CDT-HASH-TABLE)
      "arthroscopy - surgical: lavage and lysis of adhesions.")
(SETF (GETHASH 'D7874 CDT-HASH-TABLE)
      "arthroscopy - surgical: disc repositioning and stabilization.")
(SETF (GETHASH 'D7875 CDT-HASH-TABLE)
      "arthroscopy - surgical: synovectomy.")
(SETF (GETHASH 'D7876 CDT-HASH-TABLE)
      "arthroscopy - surgical: discectomy.")
(SETF (GETHASH 'D7877 CDT-HASH-TABLE)
      "arthroscopy - surgical: debridement.")
(SETF (GETHASH 'D7880 CDT-HASH-TABLE)
      "occlusal orthotic device, by report.")
(SETF (GETHASH 'D7899 CDT-HASH-TABLE)
      "unspecified TMD therapy, by report.")
(SETF (GETHASH 'D7910 CDT-HASH-TABLE)
      "suture of recent small wounds up to 5 cm.")
(SETF (GETHASH 'D7911 CDT-HASH-TABLE)
      "complicated suture - up to 5 cm.")
(SETF (GETHASH 'D7912 CDT-HASH-TABLE)
      "complicated suture - greater than 5 cm.")
(SETF (GETHASH 'D7920 CDT-HASH-TABLE)
      "skin graft (identify defect covered, location and type of graft).")
(SETF (GETHASH 'D7940 CDT-HASH-TABLE)
      "osteoplasty - for orthognathic deformities.")
(SETF (GETHASH 'D7941 CDT-HASH-TABLE) "osteotomy - mandibular rami.")
(SETF (GETHASH 'D7941 CDT-HASH-TABLE) "osteotomy - mandibular rami.")
(SETF (GETHASH 'D7943 CDT-HASH-TABLE)
      "osteotomy - mandibular rami with bone graft; includes obtaining the graft.")
(SETF (GETHASH 'D7944. CDT-HASH-TABLE)
      "osteotomy - segmented or subapical - per sextant or quadrant.")
(SETF (GETHASH 'D7945 CDT-HASH-TABLE) "osteotomy - body of mandible.")
(SETF (GETHASH 'D7946 CDT-HASH-TABLE) "LeFort I (maxilla - total).")
(SETF (GETHASH 'D7947 CDT-HASH-TABLE) "LeFort I (maxilla - segmented).")
(SETF (GETHASH 'D7948 CDT-HASH-TABLE)
      "LeFort II or LeFort III (osteoplasty of facial bones for midface hypoplasia or retrusion)-without bone graft.")
(SETF (GETHASH 'D7949 CDT-HASH-TABLE)
      "LeFort II or LeFort III - with bone graft.")
(SETF (GETHASH 'D7950 CDT-HASH-TABLE)
      "osseous, osteoperiosteal, or cartilage graft of the mandible or facial bones - autogenous or nonautogenous, by report.")
(SETF (GETHASH 'D7955 CDT-HASH-TABLE)
      "repair of maxillofacial soft and hard tissue defect.")
(SETF (GETHASH 'D7960 CDT-HASH-TABLE)
      "frenulectomy (frenectomy or frenotomy) - separate procedure.")
(SETF (GETHASH 'D7970 CDT-HASH-TABLE)
      "excision of hyperplastic tissue - per arch.")
(SETF (GETHASH 'D7971 CDT-HASH-TABLE)
      "excision of pericoronal gingiva.")
(SETF (GETHASH 'D7980 CDT-HASH-TABLE) "sialolithotomy.")
(SETF (GETHASH 'D7981 CDT-HASH-TABLE)
      "excision of salivary gland, by report.")
(SETF (GETHASH 'D7982 CDT-HASH-TABLE) "sialodochoplasty.")
(SETF (GETHASH 'D7983 CDT-HASH-TABLE) "closure of salivary fistula.")
(SETF (GETHASH 'D7990 CDT-HASH-TABLE) "emergency tracheotomy.")
(SETF (GETHASH 'D7991 CDT-HASH-TABLE) "coronoidectomy.")
(SETF (GETHASH 'D7995 CDT-HASH-TABLE)
      "synthetic graft - mandible or facial bones, by report.")
(SETF (GETHASH 'D7996 CDT-HASH-TABLE)
      "implant-mandible for augmentation purposes (excluding alveolar ridge), by report.")
(SETF (GETHASH 'D7997 CDT-HASH-TABLE)
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      "appliance removal (not by dentist who placed appliance), includes removal of archbar.")
(SETF (GETHASH 'D7999 CDT-HASH-TABLE)
      "unspecified oral surgery procedure, by report.")
(SETF (GETHASH 'D8010 CDT-HASH-TABLE)
      "limited orthodontic treatment of the primary dentition.")
(SETF (GETHASH 'D8020 CDT-HASH-TABLE)
      "limited orthodontic treatment of the transitional dentition.")
(SETF (GETHASH 'D8030 CDT-HASH-TABLE)
      "limited orthodontic treatment of the adolescent dentition.")
(SETF (GETHASH 'D8040 CDT-HASH-TABLE)
      "limited orthodontic treatment of the adult dentition.")
(SETF (GETHASH 'D8050 CDT-HASH-TABLE)
      "interceptive orthodontic treatment of the primary dentition.")
(SETF (GETHASH 'D8060 CDT-HASH-TABLE)
      "interceptive orthodontic treatment of the transitional dentition.")
(SETF (GETHASH 'D8070 CDT-HASH-TABLE)
      "comprehensive orthodontic treatment of the transitional dentition.")
(SETF (GETHASH 'D8080 CDT-HASH-TABLE)
      "comprehensive orthodontic treatment of the adolescent dentition.")
(SETF (GETHASH 'D8090 CDT-HASH-TABLE)
      "comprehensive orthodontic treatment of the adult dentition.")
(SETF (GETHASH 'D8210 CDT-HASH-TABLE) "removable appliance therapy.")
(SETF (GETHASH 'D8220 CDT-HASH-TABLE) "fixed appliance therapy.")
(SETF (GETHASH 'D8660 CDT-HASH-TABLE)
      "pre-orthodontic treatment visit .")
(SETF (GETHASH 'D8670 CDT-HASH-TABLE)
      "periodic orthodontic treatment visit (as part of contract).")
(SETF (GETHASH 'D8680 CDT-HASH-TABLE)
      "orthodontic retention (removal of appliances, construction and placement of retainer(s)).")
(SETF (GETHASH 'D8690 CDT-HASH-TABLE)
      "orthodontic treatment (alternative billing to a contract fee).")
(SETF (GETHASH 'D8691 CDT-HASH-TABLE)
      "repair of orthodontic appliance. .")
(SETF (GETHASH 'DOES CDT-HASH-TABLE) NIL)
(SETF (GETHASH 'D8692 CDT-HASH-TABLE)
      "replacement of lost or broken retainer.")
(SETF (GETHASH 'D8999 CDT-HASH-TABLE)
      "unspecified orthodontic procedure, by report.")
(SETF (GETHASH 'D9110 CDT-HASH-TABLE)
      "palliative (emergency) treatment of dental pain - minor procedure.")
(SETF (GETHASH 'D9210 CDT-HASH-TABLE)
      "local anesthesia not in conjunction with operative or surgical procedures.")
(SETF (GETHASH 'D9211 CDT-HASH-TABLE) "regional block anesthesia.")
(SETF (GETHASH 'D9212 CDT-HASH-TABLE)
      "trigeminal division block anesthesia.")
(SETF (GETHASH 'D9215 CDT-HASH-TABLE) "local anesthesia.")
(SETF (GETHASH 'D9220 CDT-HASH-TABLE)
      "general anesthesia - first 30 minutes.")
(SETF (GETHASH 'D9221 CDT-HASH-TABLE)
      "general anesthesia - each additional 15 minutes.")
(SETF (GETHASH 'D9230 CDT-HASH-TABLE)
      "analgesia, anxiolysis, inhalation of nitrous oxide.")
(SETF (GETHASH 'D9241 CDT-HASH-TABLE)
      "intravenous sedation/analgesia - first 30 minutes.")
(SETF (GETHASH 'D9242 CDT-HASH-TABLE)
      "intravenous sedation/analgesia - each additional 15 minutes.")
(SETF (GETHASH 'D9248 CDT-HASH-TABLE)
      "non-intravenous conscious sedation.")
(SETF (GETHASH 'D9310 CDT-HASH-TABLE)
      "consultation (diagnostic service provided by dentist or physician other than practitioner providing treatment).")
(SETF (GETHASH 'D9410 CDT-HASH-TABLE)
      "house/extended care facility call.")
(SETF (GETHASH 'D9420 CDT-HASH-TABLE) "hospital call.")
(SETF (GETHASH 'D9430 CDT-HASH-TABLE)
      "office visit for observation (during regularly scheduled hours) - no other services performed.")
(SETF (GETHASH 'D9440 CDT-HASH-TABLE)
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```
      "office visit - after regularly scheduled hours.")
(SETF (GETHASH 'D9610 CDT-HASH-TABLE)
      "therapeutic drug injection, by report.")
(SETF (GETHASH 'D9630 CDT-HASH-TABLE)
      "other drugs and/or medicaments, by report.")
(SETF (GETHASH 'D9910 CDT-HASH-TABLE)
      "application of desensitizing medicament.")
(SETF (GETHASH 'D9911 CDT-HASH-TABLE)
      "application of desensitizing resin for cervical and/or root surface, per tooth.")
(SETF (GETHASH 'D9920 CDT-HASH-TABLE) "behavior management, by report.")
(SETF (GETHASH 'D9930 CDT-HASH-TABLE)
      "treatment of complications (post-surgical) - unusual circumstances, by report.")
(SETF (GETHASH 'D9940 CDT-HASH-TABLE) "occlusal guard, by report.")
(SETF (GETHASH 'D9941 CDT-HASH-TABLE)
      "fabrication of athletic mouthguard.")
(SETF (GETHASH 'D9950 CDT-HASH-TABLE)
      "occlusion analysis - mounted case.")
(SETF (GETHASH 'D9951 CDT-HASH-TABLE) "occlusal adjustment - limited.")
(SETF (GETHASH 'D9952 CDT-HASH-TABLE) "occlusal adjustment - complete.")
(SETF (GETHASH 'D9970 CDT-HASH-TABLE) "enamel microabrasion.")
(SETF (GETHASH 'D9971 CDT-HASH-TABLE)
      "odontoplasty 1 - 2 teeth; includes removal of enamel projections.")
(SETF (GETHASH 'D9972 CDT-HASH-TABLE) "external bleaching - per arch.")
(SETF (GETHASH 'D9973 CDT-HASH-TABLE) "external bleaching - per tooth.")
(SETF (GETHASH 'D9974 CDT-HASH-TABLE) "internal bleaching - per tooth.")
(SETF (GETHASH 'D9999 CDT-HASH-TABLE)
    "unspecified adjunctive procedure, by report.")
```

;;;icd9-hash-table.lsp

```
(in-package :common-graphics-user)


(setq icd9-hash-table (make-hash-table :size 10000 :test  'equal))


(SETF (GETHASH '"001" ICD9-HASH-TABLE) "Cholera")
(SETF (GETHASH '"001.0" ICD9-HASH-TABLE) "Due to Vibrio cholerae")
(SETF (GETHASH '"001.1" ICD9-HASH-TABLE) "Due to Vibrio cholerae el tor")
(SETF (GETHASH '"001.9" ICD9-HASH-TABLE) "Cholera, unspecified")
(SETF (GETHASH '"002" ICD9-HASH-TABLE) "Typhoid and paratyphoid fevers")
(SETF (GETHASH '"002.0" ICD9-HASH-TABLE) "Typhoid fever")
(SETF (GETHASH '"002.1" ICD9-HASH-TABLE) "Paratyphoid fever A")
(SETF (GETHASH '"002.2" ICD9-HASH-TABLE) "Paratyphoid fever B")
(SETF (GETHASH '"002.3" ICD9-HASH-TABLE) "Paratyphoid fever C")
(SETF (GETHASH '"002.9" ICD9-HASH-TABLE)
      "Paratyphoid fever, unspecified")
(SETF (GETHASH '"003" ICD9-HASH-TABLE) "Other salmonella infections")
(SETF (GETHASH '"003.0" ICD9-HASH-TABLE) "Salmonella gastroenteritis")
(SETF (GETHASH '"003.1" ICD9-HASH-TABLE) "Salmonella septicemia")
(SETF (GETHASH '"003.2" ICD9-HASH-TABLE)
      "Localized salmonella infections")
(SETF (GETHASH '"003.20" ICD9-HASH-TABLE)
      "Localized salmonella infection, unspecified")
(SETF (GETHASH '"003.21" ICD9-HASH-TABLE) "Salmonella meningitis")
(SETF (GETHASH '"003.22" ICD9-HASH-TABLE) "Salmonella pneumonia")
(SETF (GETHASH '"003.23" ICD9-HASH-TABLE) "Salmonella arthritis")
(SETF (GETHASH '"003.24" ICD9-HASH-TABLE) "Salmonella osteomyelitis")
(SETF (GETHASH '"003.29" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"003.8" ICD9-HASH-TABLE)
      "Other specified salmonella infections")
(SETF (GETHASH '"003.9" ICD9-HASH-TABLE)
      "Salmonella infection, unspecified")
(SETF (GETHASH '"004" ICD9-HASH-TABLE) "Shigellosis")
(SETF (GETHASH '"004.0" ICD9-HASH-TABLE) "Shigella dysenteriae")
(SETF (GETHASH '"004.1" ICD9-HASH-TABLE) "Shigella flexneri")
(SETF (GETHASH '"004.2" ICD9-HASH-TABLE) "Shigella boydii")
(SETF (GETHASH '"004.3" ICD9-HASH-TABLE) "Shigella sonnei")
(SETF (GETHASH '"004.8" ICD9-HASH-TABLE)
      "Other specified shigella infections")
(SETF (GETHASH '"004.9" ICD9-HASH-TABLE) "Shigellosis, unspecified")
(SETF (GETHASH '"005" ICD9-HASH-TABLE)
      "Other food poisoning (bacterial)")
(SETF (GETHASH '"005.0" ICD9-HASH-TABLE) "Staphylococcal food poisoning")
(SETF (GETHASH '"005.1" ICD9-HASH-TABLE) "Botulism")
(SETF (GETHASH '"005.2" ICD9-HASH-TABLE)
      "Food poisoning due to Clostridium perfringens [C. welchii]")
(SETF (GETHASH '"005.3" ICD9-HASH-TABLE)
      "Food poisoning due to other Clostridia")
(SETF (GETHASH '"005.4" ICD9-HASH-TABLE)
      "Food poisoning due to Vibrio parahaemolyticus")
(SETF (GETHASH '"005.8" ICD9-HASH-TABLE)
      "Other bacterial food poisoning")
(SETF (GETHASH '"005.81" ICD9-HASH-TABLE)
      "Food poisoning due to Vibrio vulnificus")
(SETF (GETHASH '"005.89" ICD9-HASH-TABLE)
      "Other bacterial food poisoning")
(SETF (GETHASH '"005.9" ICD9-HASH-TABLE) "Food poisoning, unspecified")
(SETF (GETHASH '"006" ICD9-HASH-TABLE) "Amebiasis")
(SETF (GETHASH '"006.0" ICD9-HASH-TABLE)
      "Acute amebic dysentery without mention of abscess")
(SETF (GETHASH '"006.1" ICD9-HASH-TABLE)
      "Chronic intestinal amebiasis without mention of abscess")
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(SETF (GETHASH '"006.2" ICD9-HASH-TABLE) "Amebic nondysenteric colitis")
(SETF (GETHASH '"006.3" ICD9-HASH-TABLE) "Amebic liver abscess")
(SETF (GETHASH '"006.4" ICD9-HASH-TABLE) "Amebic lung abscess")
(SETF (GETHASH '"006.5" ICD9-HASH-TABLE) "Amebic brain abscess")
(SETF (GETHASH '"006.6" ICD9-HASH-TABLE) "Amebic skin ulceration")
(SETF (GETHASH '"006.8" ICD9-HASH-TABLE)
      "Amebic infection of other sites")
(SETF (GETHASH '"006.9" ICD9-HASH-TABLE) "Amebiasis, unspecified")
(SETF (GETHASH '"007" ICD9-HASH-TABLE)
      "Other protozoal intestinal diseases")
(SETF (GETHASH '"007.0" ICD9-HASH-TABLE) "Balantidiasis")
(SETF (GETHASH '"007.1" ICD9-HASH-TABLE) "Giardiasis")
(SETF (GETHASH '"007.2" ICD9-HASH-TABLE) "Coccidiosis")
(SETF (GETHASH '"007.3" ICD9-HASH-TABLE) "Intestinal trichomoniasis")
(SETF (GETHASH '"007.4" ICD9-HASH-TABLE) "Cryptosporidiosis")
(SETF (GETHASH '"007.8" ICD9-HASH-TABLE)
      "Other specified protozoal intestinal diseases")
(SETF (GETHASH '"007.9" ICD9-HASH-TABLE)
      "Unspecified protozoal intestinal disease")
(SETF (GETHASH '"008" ICD9-HASH-TABLE)
      "Intestinal infections due to other organisms")
(SETF (GETHASH '"008.0" ICD9-HASH-TABLE) "Escherichia coli [E. coli]")
(SETF (GETHASH '"008.00" ICD9-HASH-TABLE) "E. coli, unspecified")
(SETF (GETHASH '"008.01" ICD9-HASH-TABLE) "Enteropathogenic E. coli")
(SETF (GETHASH '"008.02" ICD9-HASH-TABLE) "Enterotoxigenic E. coli")
(SETF (GETHASH '"008.03" ICD9-HASH-TABLE) "Enteroinvasive E. coli")
(SETF (GETHASH '"008.04" ICD9-HASH-TABLE) "Enterohemorrhagic E. coli")
(SETF (GETHASH '"008.09" ICD9-HASH-TABLE)
      "Other intestinal E. coli infections")
(SETF (GETHASH '"008.1" ICD9-HASH-TABLE)
      "Arizona group of paracolon bacilli")
(SETF (GETHASH '"008.2" ICD9-HASH-TABLE) "Aerobacter aerogenes")
(SETF (GETHASH '"008.3" ICD9-HASH-TABLE)
      "Proteus (mirabilis) (morganii)")
(SETF (GETHASH '"008.4" ICD9-HASH-TABLE) "Other specified bacteria")
(SETF (GETHASH '"008.41" ICD9-HASH-TABLE) "Staphylococcus")
(SETF (GETHASH '"008.42" ICD9-HASH-TABLE) "Pseudomonas")
(SETF (GETHASH '"008.43" ICD9-HASH-TABLE) "Campylobacter")
(SETF (GETHASH '"008.44" ICD9-HASH-TABLE) "Yersinia enterocolitica")
(SETF (GETHASH '"008.45" ICD9-HASH-TABLE) "Clostridium difficile")
(SETF (GETHASH '"008.46" ICD9-HASH-TABLE) "Other anaerobes")
(SETF (GETHASH '"008.47" ICD9-HASH-TABLE) "Other gram-negative bacteria")
(SETF (GETHASH '"008.49" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"008.5" ICD9-HASH-TABLE)
      "Bacterial enteritis, unspecified")
(SETF (GETHASH '"008.6" ICD9-HASH-TABLE)
      "Enteritis due to specified virus")
(SETF (GETHASH '"008.61" ICD9-HASH-TABLE) "Rotavirus")
(SETF (GETHASH '"008.62" ICD9-HASH-TABLE) "Adenovirus")
(SETF (GETHASH '"008.63" ICD9-HASH-TABLE) "Norwalk virus")
(SETF (GETHASH '"008.64" ICD9-HASH-TABLE)
      "Other small round viruses [SRV's]")
(SETF (GETHASH '"008.65" ICD9-HASH-TABLE) "Calcivirus")
(SETF (GETHASH '"008.66" ICD9-HASH-TABLE) "Astrovirus")
(SETF (GETHASH '"008.67" ICD9-HASH-TABLE) "Enterovirus NEC")
(SETF (GETHASH '"008.69" ICD9-HASH-TABLE) "Other viral enteritis")
(SETF (GETHASH '"008.8" ICD9-HASH-TABLE)
      "Other organism, not elsewhere classified")
(SETF (GETHASH '"009" ICD9-HASH-TABLE)
      "Ill-defined intestinal infections")
(SETF (GETHASH '"009.0" ICD9-HASH-TABLE)
      "Infectious colitis, enteritis, and gastroenteritis")
(SETF (GETHASH '"009.1" ICD9-HASH-TABLE)
      "Colitis, enteritis, and gastroenteritis of presumed infectious origin")
(SETF (GETHASH '"009.2" ICD9-HASH-TABLE) "Infectious diarrhea")
(SETF (GETHASH '"009.3" ICD9-HASH-TABLE)
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      "Diarrhea of presumed infectious origin")
(SETF (GETHASH '"010" ICD9-HASH-TABLE) "Primary tuberculous infection")
(SETF (GETHASH '"010.0" ICD9-HASH-TABLE) "Primary tuberculous infection")
(SETF (GETHASH '"010.1" ICD9-HASH-TABLE)
      "Tuberculous pleurisy in primary progressive tuberculosis")
(SETF (GETHASH '"010.8" ICD9-HASH-TABLE)
      "Other primary progressive tuberculosis")
(SETF (GETHASH '"010.9" ICD9-HASH-TABLE)
      "Primary tuberculous infection, unspecified")
(SETF (GETHASH '"011" ICD9-HASH-TABLE) "Pulmonary tuberculosis")
(SETF (GETHASH '"011.0" ICD9-HASH-TABLE)
      "Tuberculosis of lung, infiltrative")
(SETF (GETHASH '"011.1" ICD9-HASH-TABLE) "Tuberculosis of lung, nodular")
(SETF (GETHASH '"011.2" ICD9-HASH-TABLE)
      "Tuberculosis of lung with cavitation")
(SETF (GETHASH '"011.3" ICD9-HASH-TABLE) "Tuberculosis of bronchus")
(SETF (GETHASH '"011.4" ICD9-HASH-TABLE) "Tuberculous fibrosis of lung")
(SETF (GETHASH '"011.5" ICD9-HASH-TABLE) "Tuberculous bronchiectasis")
(SETF (GETHASH '"011.6" ICD9-HASH-TABLE)
      "Tuberculous pneumonia [any form]")
(SETF (GETHASH '"011.7" ICD9-HASH-TABLE) "Tuberculous pneumothorax")
(SETF (GETHASH '"011.8" ICD9-HASH-TABLE)
      "Other specified pulmonary tuberculosis")
(SETF (GETHASH '"011.9" ICD9-HASH-TABLE)
      "Pulmonary tuberculosis, unspecified")
(SETF (GETHASH '"012" ICD9-HASH-TABLE) "Other respiratory tuberculosis")
(SETF (GETHASH '"012.0" ICD9-HASH-TABLE) "Tuberculous pleurisy")
(SETF (GETHASH '"012.1" ICD9-HASH-TABLE)
      "Tuberculosis of intrathoracic lymph nodes")
(SETF (GETHASH '"012.2" ICD9-HASH-TABLE)
      "Isolated tracheal or bronchial tuberculosis")
(SETF (GETHASH '"012.3" ICD9-HASH-TABLE) "Tuberculous laryngitis")
(SETF (GETHASH '"012.8" ICD9-HASH-TABLE)
      "Other specified respiratory tuberculosis")
(SETF (GETHASH '"013" ICD9-HASH-TABLE)
      "Tuberculosis of meninges and central nervous system")
(SETF (GETHASH '"013.0" ICD9-HASH-TABLE) "Tuberculous meningitis")
(SETF (GETHASH '"013.1" ICD9-HASH-TABLE) "Tuberculoma of meninges")
(SETF (GETHASH '"013.2" ICD9-HASH-TABLE) "Tuberculoma of brain")
(SETF (GETHASH '"013.3" ICD9-HASH-TABLE) "Tuberculous abscess of brain")
(SETF (GETHASH '"013.4" ICD9-HASH-TABLE) "Tuberculoma of spinal cord")
(SETF (GETHASH '"013.5" ICD9-HASH-TABLE)
      "Tuberculous abscess of spinal cord")
(SETF (GETHASH '"013.6" ICD9-HASH-TABLE)
      "Tuberculous encephalitis or myelitis")
(SETF (GETHASH '"013.8" ICD9-HASH-TABLE)
      "Other specified tuberculosis of central nervous system")
(SETF (GETHASH '"013.9" ICD9-HASH-TABLE)
      "Unspecified tuberculosis of central nervous system")
(SETF (GETHASH '"014" ICD9-HASH-TABLE)
      "Tuberculosis of intestines, peritoneum, and mesenteric glands")
(SETF (GETHASH '"014.0" ICD9-HASH-TABLE) "Tuberculous peritonitis")
(SETF (GETHASH '"014.8" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"015" ICD9-HASH-TABLE)
      "Tuberculosis of bones and joints")
(SETF (GETHASH '"015.0" ICD9-HASH-TABLE) "Vertebral column")
(SETF (GETHASH '"015.1" ICD9-HASH-TABLE) "Hip")
(SETF (GETHASH '"015.2" ICD9-HASH-TABLE) "Knee")
(SETF (GETHASH '"015.5" ICD9-HASH-TABLE) "Limb bones")
(SETF (GETHASH '"015.6" ICD9-HASH-TABLE) "Mastoid")
(SETF (GETHASH '"015.7" ICD9-HASH-TABLE) "Other specified bone")
(SETF (GETHASH '"015.8" ICD9-HASH-TABLE) "Other specified joint")
(SETF (GETHASH '"015.9" ICD9-HASH-TABLE)
      "Tuberculosis of unspecified bones and joints")
(SETF (GETHASH '"016" ICD9-HASH-TABLE)
      "Tuberculosis of genitourinary system")
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(SETF (GETHASH '"016.0" ICD9-HASH-TABLE) "Kidney")
(SETF (GETHASH '"016.1" ICD9-HASH-TABLE) "Bladder")
(SETF (GETHASH '"016.2" ICD9-HASH-TABLE) "Ureter")
(SETF (GETHASH '"016.3" ICD9-HASH-TABLE) "Other urinary organs")
(SETF (GETHASH '"016.4" ICD9-HASH-TABLE) "Epididymis")
(SETF (GETHASH '"016.5" ICD9-HASH-TABLE) "Other male genital organs")
(SETF (GETHASH '"016.6" ICD9-HASH-TABLE)
      "Tuberculous oophoritis and salpingitis")
(SETF (GETHASH '"016.7" ICD9-HASH-TABLE) "Other female genital organs")
(SETF (GETHASH '"016.9" ICD9-HASH-TABLE)
      "Genitourinary tuberculosis, unspecified")
(SETF (GETHASH '"017" ICD9-HASH-TABLE) "Tuberculosis of other organs")
(SETF (GETHASH '"017.0" ICD9-HASH-TABLE)
      "Skin and subcutaneous cellular tissue")
(SETF (GETHASH '"017.1" ICD9-HASH-TABLE)
      "Erythema nodosum with hypersensitivity reaction in tuberculosis")
(SETF (GETHASH '"017.2" ICD9-HASH-TABLE) "Peripheral lymph nodes")
(SETF (GETHASH '"017.3" ICD9-HASH-TABLE) "Eye")
(SETF (GETHASH '"017.4" ICD9-HASH-TABLE) "Ear")
(SETF (GETHASH '"017.5" ICD9-HASH-TABLE) "Thyroid gland")
(SETF (GETHASH '"017.6" ICD9-HASH-TABLE) "Adrenal glands")
(SETF (GETHASH '"017.7" ICD9-HASH-TABLE) "Spleen")
(SETF (GETHASH '"017.8" ICD9-HASH-TABLE) "Esophagus")
(SETF (GETHASH '"017.9" ICD9-HASH-TABLE) "Other specified organs")
(SETF (GETHASH '"018" ICD9-HASH-TABLE) "Miliary tuberculosis")
(SETF (GETHASH '"018.0" ICD9-HASH-TABLE) "Acute miliary tuberculosis")
(SETF (GETHASH '"018.8" ICD9-HASH-TABLE)
      "Other specified miliary tuberculosis")
(SETF (GETHASH '"018.9" ICD9-HASH-TABLE)
      "Miliary tuberculosis, unspecified")
(SETF (GETHASH '"020" ICD9-HASH-TABLE) "Plague")
(SETF (GETHASH '"020.0" ICD9-HASH-TABLE) "Bubonic")
(SETF (GETHASH '"020.1" ICD9-HASH-TABLE) "Cellulocutaneous")
(SETF (GETHASH '"020.2" ICD9-HASH-TABLE) "Septicemic")
(SETF (GETHASH '"020.3" ICD9-HASH-TABLE) "Primary pneumonic")
(SETF (GETHASH '"020.4" ICD9-HASH-TABLE) "Secondary pneumonic")
(SETF (GETHASH '"020.5" ICD9-HASH-TABLE) "Pneumonic, unspecified")
(SETF (GETHASH '"020.8" ICD9-HASH-TABLE)
      "Other specified types of plague")
(SETF (GETHASH '"020.9" ICD9-HASH-TABLE) "Plague, unspecified")
(SETF (GETHASH '"021" ICD9-HASH-TABLE) "Tularemia")
(SETF (GETHASH '"021.0" ICD9-HASH-TABLE) "Ulceroglandular tularemia")
(SETF (GETHASH '"021.1" ICD9-HASH-TABLE) "Enteric tularemia")
(SETF (GETHASH '"021.2" ICD9-HASH-TABLE) "Pulmonary tularemia")
(SETF (GETHASH '"021.3" ICD9-HASH-TABLE) "Oculoglandular tularemia")
(SETF (GETHASH '"021.8" ICD9-HASH-TABLE) "Other specified tularemia")
(SETF (GETHASH '"021.9" ICD9-HASH-TABLE) "Unspecified tularemia")
(SETF (GETHASH '"022" ICD9-HASH-TABLE) "Anthrax")
(SETF (GETHASH '"022.0" ICD9-HASH-TABLE) "Cutaneous anthrax")
(SETF (GETHASH '"022.1" ICD9-HASH-TABLE) "Pulmonary anthrax")
(SETF (GETHASH '"022.2" ICD9-HASH-TABLE) "Gastrointestinal anthrax")
(SETF (GETHASH '"022.3" ICD9-HASH-TABLE) "Anthrax septicemia")
(SETF (GETHASH '"022.8" ICD9-HASH-TABLE)
      "Other specified manifestations of anthrax")
(SETF (GETHASH '"022.9" ICD9-HASH-TABLE) "Anthrax, unspecified")
(SETF (GETHASH '"023" ICD9-HASH-TABLE) "Brucellosis")
(SETF (GETHASH '"023.0" ICD9-HASH-TABLE) "Brucella melitensis")
(SETF (GETHASH '"023.2" ICD9-HASH-TABLE) "Brucella suis")
(SETF (GETHASH '"023.3" ICD9-HASH-TABLE) "Brucella canis")
(SETF (GETHASH '"023.8" ICD9-HASH-TABLE) "Other brucellosis")
(SETF (GETHASH '"023.9" ICD9-HASH-TABLE) "Brucellosis, unspecified")
(SETF (GETHASH '"024" ICD9-HASH-TABLE) "Glanders")
(SETF (GETHASH '"025" ICD9-HASH-TABLE) "Melioidosis")
(SETF (GETHASH '"026" ICD9-HASH-TABLE) "Rat-bite fever")
(SETF (GETHASH '"026.0" ICD9-HASH-TABLE) "Spirillary fever")
(SETF (GETHASH '"026.1" ICD9-HASH-TABLE) "Streptobacillary fever")
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(SETF (GETHASH '"026.9" ICD9-HASH-TABLE) "Unspecified rat-bite fever")
(SETF (GETHASH '"027" ICD9-HASH-TABLE)
      "Other zoonotic bacterial diseases")
(SETF (GETHASH '"027.0" ICD9-HASH-TABLE) "Listeriosis")
(SETF (GETHASH '"027.1" ICD9-HASH-TABLE) "Erysipelothrix infection")
(SETF (GETHASH '"027.2" ICD9-HASH-TABLE) "Pasteurellosis")
(SETF (GETHASH '"027.8" ICD9-HASH-TABLE)
      "Other specified zoonotic bacterial diseases")
(SETF (GETHASH '"027.9" ICD9-HASH-TABLE)
      "Unspecified zoonotic bacterial disease")
(SETF (GETHASH '"030" ICD9-HASH-TABLE) "Leprosy")
(SETF (GETHASH '"030.0" ICD9-HASH-TABLE) "Lepromatous [type L]")
(SETF (GETHASH '"030.1" ICD9-HASH-TABLE) "Tuberculoid [type T]")
(SETF (GETHASH '"030.2" ICD9-HASH-TABLE) "Indeterminate [group I]")
(SETF (GETHASH '"030.3" ICD9-HASH-TABLE) "Borderline [group B]")
(SETF (GETHASH '"030.8" ICD9-HASH-TABLE) "Other specified leprosy")
(SETF (GETHASH '"030.9" ICD9-HASH-TABLE) "Leprosy, unspecified")
(SETF (GETHASH '"031" ICD9-HASH-TABLE)
      "Diseases due to other mycobacteria")
(SETF (GETHASH '"031.0" ICD9-HASH-TABLE) "Pulmonary")
(SETF (GETHASH '"031.1" ICD9-HASH-TABLE) "Cutaneous")
(SETF (GETHASH '"031.2" ICD9-HASH-TABLE) "Disseminated")
(SETF (GETHASH '"031.8" ICD9-HASH-TABLE)
      "Other specified mycobacterial diseases")
(SETF (GETHASH '"031.9" ICD9-HASH-TABLE)
      "Unspecified diseases due to mycobacteria")
(SETF (GETHASH '"032" ICD9-HASH-TABLE) "Diphtheria")
(SETF (GETHASH '"032.0" ICD9-HASH-TABLE) "Faucial diphtheria")
(SETF (GETHASH '"032.1" ICD9-HASH-TABLE) "Nasopharyngeal diphtheria")
(SETF (GETHASH '"032.2" ICD9-HASH-TABLE) "Anterior nasal diphtheria")
(SETF (GETHASH '"032.3" ICD9-HASH-TABLE) "Laryngeal diphtheria")
(SETF (GETHASH '"032.8" ICD9-HASH-TABLE) "Other specified diphtheria")
(SETF (GETHASH '"032.81" ICD9-HASH-TABLE) "Conjunctival diphtheria")
(SETF (GETHASH '"032.82" ICD9-HASH-TABLE) "Diphtheritic myocarditis")
(SETF (GETHASH '"032.83" ICD9-HASH-TABLE) "Diphtheritic peritonitis")
(SETF (GETHASH '"032.84" ICD9-HASH-TABLE) "Diphtheritic cystitis")
(SETF (GETHASH '"032.85" ICD9-HASH-TABLE) "Cutaneous diphtheria")
(SETF (GETHASH '"032.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"032.9" ICD9-HASH-TABLE) "Diphtheria, unspecified")
(SETF (GETHASH '"033" ICD9-HASH-TABLE) "Whooping cough")
(SETF (GETHASH '"033.0" ICD9-HASH-TABLE)
      "Bordetella pertussis [B. pertussis]")
(SETF (GETHASH '"033.1" ICD9-HASH-TABLE)
      "Bordetella parapertussis [B. parapertussis]")
(SETF (GETHASH '"033.8" ICD9-HASH-TABLE)
      "Whooping cough due to other specified organism")
(SETF (GETHASH '"033.9" ICD9-HASH-TABLE)
      "Whooping cough, unspecified organism")
(SETF (GETHASH '"034" ICD9-HASH-TABLE)
      "Streptococcal sore throat and scarlet fever")
(SETF (GETHASH '"034.0" ICD9-HASH-TABLE) "Streptococcal sore throat")
(SETF (GETHASH '"034.1" ICD9-HASH-TABLE) "Scarlet fever")
(SETF (GETHASH '"035" ICD9-HASH-TABLE) "Erysipelas")
(SETF (GETHASH '"036" ICD9-HASH-TABLE) "Meningococcal infection")
(SETF (GETHASH '"036.0" ICD9-HASH-TABLE) "Meningococcal meningitis")
(SETF (GETHASH '"036.1" ICD9-HASH-TABLE) "Meningococcal encephalitis")
(SETF (GETHASH '"036.2" ICD9-HASH-TABLE) "Meningococcemia")
(SETF (GETHASH '"036.3" ICD9-HASH-TABLE)
      "Waterhouse-Friderichsen syndrome, meningococcal")
(SETF (GETHASH '"036.4" ICD9-HASH-TABLE) "Meningococcal carditis")
(SETF (GETHASH '"036.40" ICD9-HASH-TABLE)
      "Meningococcal carditis, unspecified")
(SETF (GETHASH '"036.41" ICD9-HASH-TABLE) "Meningococcal pericarditis")
(SETF (GETHASH '"036.42" ICD9-HASH-TABLE) "Meningococcal endocarditis")
(SETF (GETHASH '"036.43" ICD9-HASH-TABLE) "Meningococcal myocarditis")
(SETF (GETHASH '"036.8" ICD9-HASH-TABLE)
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      "Other specified meningococcal infections")
(SETF (GETHASH '"036.81" ICD9-HASH-TABLE) "Meningococcal optic neuritis")
(SETF (GETHASH '"036.82" ICD9-HASH-TABLE) "Meningococcal arthropathy")
(SETF (GETHASH '"036.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"036.9" ICD9-HASH-TABLE)
      "Meningococcal infection, unspecified")
(SETF (GETHASH '"037" ICD9-HASH-TABLE) "Tetanus")
(SETF (GETHASH '"038" ICD9-HASH-TABLE) "Septicemia")
(SETF (GETHASH '"038.0" ICD9-HASH-TABLE) "Streptococcal septicemia")
(SETF (GETHASH '"038.1" ICD9-HASH-TABLE) "Staphylococcal septicemia")
(SETF (GETHASH '"038.10" ICD9-HASH-TABLE)
      "Staphylococcal septicemia, unspecified")
(SETF (GETHASH '"038.11" ICD9-HASH-TABLE)
      "Staphylococcus aureus septicemia")
(SETF (GETHASH '"038.19" ICD9-HASH-TABLE)
      "Other staphylococcal septicemia")
(SETF (GETHASH '"038.2" ICD9-HASH-TABLE)
      "Pneumococcal septicemia [Streptococcus pneumoniae septicemia]")
(SETF (GETHASH '"038.3" ICD9-HASH-TABLE) "Septicemia due to anaerobes")
(SETF (GETHASH '"038.4" ICD9-HASH-TABLE)
      "Septicemia due to other gram-negative organisms")
(SETF (GETHASH '"038.40" ICD9-HASH-TABLE)
      "Gram-negative organism, unspecified")
(SETF (GETHASH '"038.41" ICD9-HASH-TABLE)
      "Hemophilus influenzae [H. influenzae]")
(SETF (GETHASH '"038.42" ICD9-HASH-TABLE) "Escherichia coli [E. coli]")
(SETF (GETHASH '"038.43" ICD9-HASH-TABLE) "Pseudomonas")
(SETF (GETHASH '"038.44" ICD9-HASH-TABLE) "Serratia")
(SETF (GETHASH '"038.49" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"038.8" ICD9-HASH-TABLE) "Other specified septicemias")
(SETF (GETHASH '"038.9" ICD9-HASH-TABLE) "Unspecified septicemia")
(SETF (GETHASH '"039" ICD9-HASH-TABLE) "Actinomycotic infections")
(SETF (GETHASH '"039.0" ICD9-HASH-TABLE) "Cutaneous")
(SETF (GETHASH '"039.1" ICD9-HASH-TABLE) "Pulmonary")
(SETF (GETHASH '"039.2" ICD9-HASH-TABLE) "Abdominal")
(SETF (GETHASH '"039.3" ICD9-HASH-TABLE) "Cervicofacial")
(SETF (GETHASH '"039.4" ICD9-HASH-TABLE) "Madura foot")
(SETF (GETHASH '"039.8" ICD9-HASH-TABLE) "Of other specified sites")
(SETF (GETHASH '"039.9" ICD9-HASH-TABLE) "Of unspecified site")
(SETF (GETHASH '"040" ICD9-HASH-TABLE) "Other bacterial diseases")
(SETF (GETHASH '"040.0" ICD9-HASH-TABLE) "Gas gangrene")
(SETF (GETHASH '"040.1" ICD9-HASH-TABLE) "Rhinoscleroma")
(SETF (GETHASH '"040.2" ICD9-HASH-TABLE) "Whipple's disease")
(SETF (GETHASH '"040.3" ICD9-HASH-TABLE) "Necrobacillosis")
(SETF (GETHASH '"040.8" ICD9-HASH-TABLE)
      "Other specified bacterial diseases")
(SETF (GETHASH '"040.81" ICD9-HASH-TABLE) "Tropical pyomyositis")
(SETF (GETHASH '"040.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"041" ICD9-HASH-TABLE)
      "Bacterial infection in conditions classified elsewhere and of unspecified site")
(SETF (GETHASH '"041.0" ICD9-HASH-TABLE) "Streptococcus")
(SETF (GETHASH '"041.00" ICD9-HASH-TABLE) "Streptococcus, unspecified")
(SETF (GETHASH '"041.01" ICD9-HASH-TABLE) "Group A")
(SETF (GETHASH '"041.02" ICD9-HASH-TABLE) "Group B")
(SETF (GETHASH '"041.03" ICD9-HASH-TABLE) "Group C")
(SETF (GETHASH '"041.05" ICD9-HASH-TABLE) "Group G")
(SETF (GETHASH '"041.09" ICD9-HASH-TABLE) "Other Streptococcus")
(SETF (GETHASH '"041.1" ICD9-HASH-TABLE) "Staphylococcus")
(SETF (GETHASH '"041.10" ICD9-HASH-TABLE) "Staphylococcus, unspecified")
(SETF (GETHASH '"041.11" ICD9-HASH-TABLE) "Staphylococcus aureus")
(SETF (GETHASH '"041.19" ICD9-HASH-TABLE) "Other Staphylococcus")
(SETF (GETHASH '"041.2" ICD9-HASH-TABLE) "Pneumococcus")
(SETF (GETHASH '"041.3" ICD9-HASH-TABLE) "Friedl,nder's bacillus")
(SETF (GETHASH '"041.4" ICD9-HASH-TABLE) "Escherichia coli [E.coli]")
(SETF (GETHASH '"041.5" ICD9-HASH-TABLE)
      "Hemophilus influenzae [H. influenzae]")
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(SETF (GETHASH '"041.6" ICD9-HASH-TABLE)
      "Proteus (mirabilis) (morganii)")
(SETF (GETHASH '"041.7" ICD9-HASH-TABLE) "Pseudomonas")
(SETF (GETHASH '"041.8" ICD9-HASH-TABLE)
      "Other specified bacterial infections")
(SETF (GETHASH '"041.81" ICD9-HASH-TABLE) "Mycoplasma")
(SETF (GETHASH '"041.82" ICD9-HASH-TABLE) "Bacillus fragilis")
(SETF (GETHASH '"041.83" ICD9-HASH-TABLE) "Clostridium perfringens")
(SETF (GETHASH '"041.84" ICD9-HASH-TABLE) "Other anaerobes")
(SETF (GETHASH '"041.85" ICD9-HASH-TABLE)
      "Other gram-negative organisms")
(SETF (GETHASH '"041.86" ICD9-HASH-TABLE)
      "Helicobacter pylori (H. pylori)")
(SETF (GETHASH '"041.89" ICD9-HASH-TABLE) "Other specified bacteria")
(SETF (GETHASH '"041.9" ICD9-HASH-TABLE)
      "Bacterial infection, unspecified")
(SETF (GETHASH '"042" ICD9-HASH-TABLE)
      "Human immunodeficiency virus [HIV] disease")
(SETF (GETHASH '"045" ICD9-HASH-TABLE) "Acute poliomyelitis")
(SETF (GETHASH '"045.0" ICD9-HASH-TABLE)
      "Acute paralytic poliomyelitis specified as bulbar")
(SETF (GETHASH '"045.1" ICD9-HASH-TABLE)
      "Acute poliomyelitis with other paralysis")
(SETF (GETHASH '"045.2" ICD9-HASH-TABLE)
      "Acute nonparalytic poliomyelitis")
(SETF (GETHASH '"045.9" ICD9-HASH-TABLE)
      "Acute poliomyelitis, unspecified")
(SETF (GETHASH '"046" ICD9-HASH-TABLE)
      "Slow virus infection of central nervous system")
(SETF (GETHASH '"046.0" ICD9-HASH-TABLE) "Kuru")
(SETF (GETHASH '"046.1" ICD9-HASH-TABLE) "Jakob-Creutzfeldt disease")
(SETF (GETHASH '"046.2" ICD9-HASH-TABLE)
      "Subacute sclerosing panencephalitis")
(SETF (GETHASH '"046.3" ICD9-HASH-TABLE)
      "Progressive multifocal leukoencephalopathy")
(SETF (GETHASH '"046.8" ICD9-HASH-TABLE)
      "Other specified slow virus infection of central nervous system")
(SETF (GETHASH '"046.9" ICD9-HASH-TABLE)
      "Unspecified slow virus infection of central nervous system")
(SETF (GETHASH '"047" ICD9-HASH-TABLE) "Meningitis due to enterovirus")
(SETF (GETHASH '"047.0" ICD9-HASH-TABLE) "Coxsackie virus")
(SETF (GETHASH '"047.1" ICD9-HASH-TABLE) "ECHO virus")
(SETF (GETHASH '"047.8" ICD9-HASH-TABLE)
      "Other specified viral meningitis")
(SETF (GETHASH '"047.9" ICD9-HASH-TABLE) "Unspecified viral meningitis")
(SETF (GETHASH '"048" ICD9-HASH-TABLE)
      "Other enterovirus diseases of central nervous system")
(SETF (GETHASH '"049" ICD9-HASH-TABLE)
      "Other non-arthropod-borne viral diseases of central nervous system")
(SETF (GETHASH '"049.0" ICD9-HASH-TABLE) "Lymphocytic choriomeningitis")
(SETF (GETHASH '"049.1" ICD9-HASH-TABLE) "Meningitis due to adenovirus")
(SETF (GETHASH '"049.8" ICD9-HASH-TABLE)
      "Other specified non-arthropod-borne viral diseases of central nervous system")
(SETF (GETHASH '"049.9" ICD9-HASH-TABLE)
      "Unspecified non-arthropod-borne viral diseases of central nervous system")
(SETF (GETHASH '"050" ICD9-HASH-TABLE) "Smallpox")
(SETF (GETHASH '"050.0" ICD9-HASH-TABLE) "Variola major")
(SETF (GETHASH '"050.1" ICD9-HASH-TABLE) "Alastrim")
(SETF (GETHASH '"050.2" ICD9-HASH-TABLE) "Modified smallpox")
(SETF (GETHASH '"050.9" ICD9-HASH-TABLE) "Smallpox, unspecified")
(SETF (GETHASH '"051" ICD9-HASH-TABLE) "Cowpox and paravaccinia")
(SETF (GETHASH '"051.0" ICD9-HASH-TABLE) "Cowpox")
(SETF (GETHASH '"051.1" ICD9-HASH-TABLE) "Pseudocowpox")
(SETF (GETHASH '"051.2" ICD9-HASH-TABLE)
      "Contagious pustular dermatitis")
(SETF (GETHASH '"051.9" ICD9-HASH-TABLE) "Paravaccinia, unspecified")
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(SETF (GETHASH '"052" ICD9-HASH-TABLE) "Chickenpox")
(SETF (GETHASH '"052.0" ICD9-HASH-TABLE) "Postvaricella encephalitis")
(SETF (GETHASH '"052.1" ICD9-HASH-TABLE)
      "Varicella (hemorrhagic) pneumonitis")
(SETF (GETHASH '"052.7" ICD9-HASH-TABLE)
      "With other specified complications")
(SETF (GETHASH '"052.8" ICD9-HASH-TABLE) "With unspecified complication")
(SETF (GETHASH '"052.9" ICD9-HASH-TABLE)
      "Varicella without mention of complication")
(SETF (GETHASH '"053" ICD9-HASH-TABLE) "Herpes zoster")
(SETF (GETHASH '"053.0" ICD9-HASH-TABLE) "With meningitis")
(SETF (GETHASH '"053.1" ICD9-HASH-TABLE)
      "With other nervous system complications")
(SETF (GETHASH '"053.10" ICD9-HASH-TABLE)
      "With unspecified nervous system complication")
(SETF (GETHASH '"053.11" ICD9-HASH-TABLE) "Geniculate herpes zoster")
(SETF (GETHASH '"053.12" ICD9-HASH-TABLE)
      "Postherpetic trigeminal neuralgia")
(SETF (GETHASH '"053.13" ICD9-HASH-TABLE) "Postherpetic polyneuropathy")
(SETF (GETHASH '"053.19" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"053.2" ICD9-HASH-TABLE) "With ophthalmic complications")
(SETF (GETHASH '"053.20" ICD9-HASH-TABLE)
      "Herpes zoster dermatitis of eyelid")
(SETF (GETHASH '"053.21" ICD9-HASH-TABLE)
      "Herpes zoster keratoconjunctivitis")
(SETF (GETHASH '"053.22" ICD9-HASH-TABLE) "Herpes zoster iridocyclitis")
(SETF (GETHASH '"053.29" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"053.7" ICD9-HASH-TABLE)
      "With other specified complications")
(SETF (GETHASH '"053.71" ICD9-HASH-TABLE)
      "Otitis externa due to herpes zoster")
(SETF (GETHASH '"053.79" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"053.8" ICD9-HASH-TABLE) "With unspecified complication")
(SETF (GETHASH '"053.9" ICD9-HASH-TABLE)
      "Herpes zoster without mention of complication")
(SETF (GETHASH '"054" ICD9-HASH-TABLE) "Herpes simplex")
(SETF (GETHASH '"054.0" ICD9-HASH-TABLE) "Eczema herpeticum")
(SETF (GETHASH '"054.1" ICD9-HASH-TABLE) "Genital herpes")
(SETF (GETHASH '"054.10" ICD9-HASH-TABLE) "Genital herpes, unspecified")
(SETF (GETHASH '"054.11" ICD9-HASH-TABLE) "Herpetic vulvovaginitis")
(SETF (GETHASH '"054.12" ICD9-HASH-TABLE) "Herpetic ulceration of vulva")
(SETF (GETHASH '"054.13" ICD9-HASH-TABLE) "Herpetic infection of penis")
(SETF (GETHASH '"054.19" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"054.2" ICD9-HASH-TABLE) "Herpetic gingivostomatitis")
(SETF (GETHASH '"054.3" ICD9-HASH-TABLE) "Herpetic meningoencephalitis")
(SETF (GETHASH '"054.4" ICD9-HASH-TABLE) "With ophthalmic complications")
(SETF (GETHASH '"054.40" ICD9-HASH-TABLE)
      "With unspecified ophthalmic complication")
(SETF (GETHASH '"054.41" ICD9-HASH-TABLE)
      "Herpes simplex dermatitis of eyelid")
(SETF (GETHASH '"054.42" ICD9-HASH-TABLE) "Dendritic keratitis")
(SETF (GETHASH '"054.43" ICD9-HASH-TABLE)
      "Herpes simplex disciform keratitis")
(SETF (GETHASH '"054.44" ICD9-HASH-TABLE) "Herpes simplex iridocyclitis")
(SETF (GETHASH '"054.49" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"054.5" ICD9-HASH-TABLE) "Herpetic septicemia")
(SETF (GETHASH '"054.6" ICD9-HASH-TABLE) "Herpetic whitlow")
(SETF (GETHASH '"054.7" ICD9-HASH-TABLE)

      "With other specified complications")
(SETF (GETHASH '"054.71" ICD9-HASH-TABLE) "Visceral herpes simplex")
(SETF (GETHASH '"054.72" ICD9-HASH-TABLE) "Herpes simplex meningitis")
(SETF (GETHASH '"054.73" ICD9-HASH-TABLE)
      "Herpes simplex otitis externa")
(SETF (GETHASH '"054.79" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"054.8" ICD9-HASH-TABLE) "With unspecified complication")
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(SETF (GETHASH '"054.9" ICD9-HASH-TABLE)
      "Herpes simplex without mention of complication")
(SETF (GETHASH '"055" ICD9-HASH-TABLE) "Measles")
(SETF (GETHASH '"055.0" ICD9-HASH-TABLE) "Postmeasles encephalitis")
(SETF (GETHASH '"055.1" ICD9-HASH-TABLE) "Postmeasles pneumonia")
(SETF (GETHASH '"055.2" ICD9-HASH-TABLE) "Postmeasles otitis media")
(SETF (GETHASH '"055.7" ICD9-HASH-TABLE)
      "With other specified complications")
(SETF (GETHASH '"055.71" ICD9-HASH-TABLE) "Measles keratoconjunctivitis")
(SETF (GETHASH '"055.79" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"055.8" ICD9-HASH-TABLE) "With unspecified complication")
(SETF (GETHASH '"055.9" ICD9-HASH-TABLE)
      "Measles without mention of complication")
(SETF (GETHASH '"056" ICD9-HASH-TABLE) "Rubella")
(SETF (GETHASH '"056.0" ICD9-HASH-TABLE)
      "With neurological complications")
(SETF (GETHASH '"056.00" ICD9-HASH-TABLE)
      "With unspecified neurological complication")
(SETF (GETHASH '"056.01" ICD9-HASH-TABLE)
      "Encephalomyelitis due to rubella")
(SETF (GETHASH '"056.09" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"056.7" ICD9-HASH-TABLE)
      "With other specified complications")
(SETF (GETHASH '"056.71" ICD9-HASH-TABLE) "Arthritis due to rubella")
(SETF (GETHASH '"056.79" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"056.8" ICD9-HASH-TABLE)
      "With unspecified complications")
(SETF (GETHASH '"056.9" ICD9-HASH-TABLE)
      "Rubella without mention of complication")
(SETF (GETHASH '"057" ICD9-HASH-TABLE) "Other viral exanthemata")
(SETF (GETHASH '"057.0" ICD9-HASH-TABLE)
      "Erythema infectiosum [fifth disease]")
(SETF (GETHASH '"057.8" ICD9-HASH-TABLE)
      "Other specified viral exanthemata")
(SETF (GETHASH '"057.9" ICD9-HASH-TABLE) "Viral exanthem, unspecified")
(SETF (GETHASH '"060" ICD9-HASH-TABLE) "Yellow fever")
(SETF (GETHASH '"060.0" ICD9-HASH-TABLE) "Sylvatic")
(SETF (GETHASH '"060.1" ICD9-HASH-TABLE) "Urban")
(SETF (GETHASH '"060.9" ICD9-HASH-TABLE) "Yellow fever, unspecified")
(SETF (GETHASH '"061" ICD9-HASH-TABLE) "Dengue")
(SETF (GETHASH '"062" ICD9-HASH-TABLE)
      "Mosquito-borne viral encephalitis")
(SETF (GETHASH '"062.0" ICD9-HASH-TABLE) "Japanese encephalitis")
(SETF (GETHASH '"062.1" ICD9-HASH-TABLE) "Western equine encephalitis")
(SETF (GETHASH '"062.2" ICD9-HASH-TABLE) "Eastern equine encephalitis")
(SETF (GETHASH '"062.3" ICD9-HASH-TABLE) "St. Louis encephalitis")
(SETF (GETHASH '"062.4" ICD9-HASH-TABLE) "Australian encephalitis")
(SETF (GETHASH '"062.5" ICD9-HASH-TABLE) "California virus encephalitis")
(SETF (GETHASH '"062.8" ICD9-HASH-TABLE)
      "Other specified mosquito-borne viral encephalitis")
(SETF (GETHASH '"062.9" ICD9-HASH-TABLE)
      "Mosquito-borne viral encephalitis, unspecified")
(SETF (GETHASH '"063" ICD9-HASH-TABLE) "Tick-borne viral encephalitis")
(SETF (GETHASH '"063.0" ICD9-HASH-TABLE)
      "Russian spring-summer [taiga] encephalitis")
(SETF (GETHASH '"063.1" ICD9-HASH-TABLE) "Louping ill")
(SETF (GETHASH '"063.2" ICD9-HASH-TABLE) "Central European encephalitis")
(SETF (GETHASH '"063.8" ICD9-HASH-TABLE)
      "Other specified tick-borne viral encephalitis")
(SETF (GETHASH '"063.9" ICD9-HASH-TABLE)
      "Tick-borne viral encephalitis, unspecified")
(SETF (GETHASH '"064" ICD9-HASH-TABLE)
      "Viral encephalitis transmitted by other and unspecified arthropods")
(SETF (GETHASH '"065" ICD9-HASH-TABLE)
      "Arthropod-borne hemorrhagic fever")
(SETF (GETHASH '"065.0" ICD9-HASH-TABLE)
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      "Crimean hemorrhagic fever [CHF Congo virus]")
(SETF (GETHASH '"065.1" ICD9-HASH-TABLE) "Omsk hemorrhagic fever")
(SETF (GETHASH '"065.2" ICD9-HASH-TABLE) "Kyasanur Forest disease")
(SETF (GETHASH '"065.3" ICD9-HASH-TABLE)
      "Other tick-borne hemorrhagic fever")
(SETF (GETHASH '"065.4" ICD9-HASH-TABLE)
      "Mosquito-borne hemorrhagic fever")
(SETF (GETHASH '"065.8" ICD9-HASH-TABLE)
      "Other specified arthropod-borne hemorrhagic fever")
(SETF (GETHASH '"065.9" ICD9-HASH-TABLE)
      "Arthropod-borne hemorrhagic fever, unspecified")
(SETF (GETHASH '"066" ICD9-HASH-TABLE)
      "Other arthropod-borne viral diseases")
(SETF (GETHASH '"066.0" ICD9-HASH-TABLE) "Phlebotomus fever")
(SETF (GETHASH '"066.1" ICD9-HASH-TABLE) "Tick-borne fever")
(SETF (GETHASH '"066.2" ICD9-HASH-TABLE) "Venezuelan equine fever")
(SETF (GETHASH '"066.3" ICD9-HASH-TABLE) "Other mosquito-borne fever")
(SETF (GETHASH '"066.8" ICD9-HASH-TABLE)
      "Other specified arthropod-borne viral diseases")
(SETF (GETHASH '"066.9" ICD9-HASH-TABLE)
      "Arthropod-borne viral disease, unspecified")
(SETF (GETHASH '"070" ICD9-HASH-TABLE) "Viral hepatitis")
(SETF (GETHASH '"070.0" ICD9-HASH-TABLE)
      "Viral hepatitis A with hepatic coma")
(SETF (GETHASH '"070.1" ICD9-HASH-TABLE)
      "Viral hepatitis A without mention of hepatic coma")
(SETF (GETHASH '"070.2" ICD9-HASH-TABLE)
      "Viral hepatitis B with hepatic coma")
(SETF (GETHASH '"070.3" ICD9-HASH-TABLE)
      "Viral hepatitis B without mention of hepatic coma")
(SETF (GETHASH '"070.4" ICD9-HASH-TABLE)
      "Other specified viral hepatitis with hepatic coma")
(SETF (GETHASH '"070.41" ICD9-HASH-TABLE)
      "Acute or unspecified hepatitis C with hepatic coma")
(SETF (GETHASH '"070.42" ICD9-HASH-TABLE)
      "Hepatitis delta without mention of active hepatitis B disease with hepatic coma")
(SETF (GETHASH '"070.43" ICD9-HASH-TABLE)
      "Hepatitis E with hepatic coma")
(SETF (GETHASH '"070.44" ICD9-HASH-TABLE)
      "Chronic hepatitis C with hepatic coma")
(SETF (GETHASH '"070.49" ICD9-HASH-TABLE)
      "Other specified viral hepatitis with hepatic coma")
(SETF (GETHASH '"070.5" ICD9-HASH-TABLE)
      "Other specified viral hepatitis without mention of hepatic coma")
(SETF (GETHASH '"070.51" ICD9-HASH-TABLE)
      "Acute or unspecified hepatitis C without mention of hepatic coma")
(SETF (GETHASH '"070.52" ICD9-HASH-TABLE)
      "Hepatitis delta without mention of active hepatitis B disease or hepatic coma")
(SETF (GETHASH '"070.53" ICD9-HASH-TABLE)
      "Hepatitis E without mention of hepatic coma")
(SETF (GETHASH '"070.54" ICD9-HASH-TABLE)
      "Chronic hepatitis C without mention of hepatic coma")
(SETF (GETHASH '"070.59" ICD9-HASH-TABLE)
      "Other specified viral hepatitis without mention of hepatic coma")
(SETF (GETHASH '"070.6" ICD9-HASH-TABLE)
      "Unspecified viral hepatitis with hepatic coma")
(SETF (GETHASH '"070.9" ICD9-HASH-TABLE)
      "Unspecified viral hepatitis without mention of hepatic coma")
(SETF (GETHASH '"071" ICD9-HASH-TABLE) "Rabies")
(SETF (GETHASH '"072" ICD9-HASH-TABLE) "Mumps")
(SETF (GETHASH '"072.0" ICD9-HASH-TABLE) "Mumps orchitis")
(SETF (GETHASH '"072.1" ICD9-HASH-TABLE) "Mumps meningitis")
(SETF (GETHASH '"072.2" ICD9-HASH-TABLE) "Mumps encephalitis")
(SETF (GETHASH '"072.3" ICD9-HASH-TABLE) "Mumps pancreatitis")
(SETF (GETHASH '"072.7" ICD9-HASH-TABLE)
      "Mumps with other specified complications")
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(SETF (GETHASH '"072.71" ICD9-HASH-TABLE) "Mumps hepatitis")
(SETF (GETHASH '"072.72" ICD9-HASH-TABLE) "Mumps polyneuropathy")
(SETF (GETHASH '"072.79" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"072.8" ICD9-HASH-TABLE)
      "Mumps with unspecified complication")
(SETF (GETHASH '"072.9" ICD9-HASH-TABLE)
      "Mumps without mention of complication")
(SETF (GETHASH '"073" ICD9-HASH-TABLE) "Ornithosis")
(SETF (GETHASH '"073.0" ICD9-HASH-TABLE) "With pneumonia")
(SETF (GETHASH '"073.7" ICD9-HASH-TABLE)
      "With other specified complications")
(SETF (GETHASH '"073.8" ICD9-HASH-TABLE) "With unspecified complication")
(SETF (GETHASH '"073.9" ICD9-HASH-TABLE) "Ornithosis, unspecified")
(SETF (GETHASH '"074" ICD9-HASH-TABLE)
      "Specific diseases due to Coxsackie virus")
(SETF (GETHASH '"074.0" ICD9-HASH-TABLE) "Herpangina")
(SETF (GETHASH '"074.1" ICD9-HASH-TABLE) "Epidemic pleurodynia")
(SETF (GETHASH '"074.2" ICD9-HASH-TABLE) "Coxsackie carditis")
(SETF (GETHASH '"074.20" ICD9-HASH-TABLE)
      "Coxsackie carditis, unspecified")
(SETF (GETHASH '"074.21" ICD9-HASH-TABLE) "Coxsackie pericarditis")
(SETF (GETHASH '"074.22" ICD9-HASH-TABLE) "Coxsackie endocarditis")
(SETF (GETHASH '"074.23" ICD9-HASH-TABLE) "Coxsackie myocarditis")
(SETF (GETHASH '"074.3" ICD9-HASH-TABLE) "Hand, foot, and mouth disease")
(SETF (GETHASH '"074.8" ICD9-HASH-TABLE)
      "Other specified diseases due to Coxsackie virus")
(SETF (GETHASH '"075" ICD9-HASH-TABLE) "Infectious mononucleosis")
(SETF (GETHASH '"076" ICD9-HASH-TABLE) "Trachoma")
(SETF (GETHASH '"076.0" ICD9-HASH-TABLE) "Initial stage")
(SETF (GETHASH '"076.1" ICD9-HASH-TABLE) "Active stage")
(SETF (GETHASH '"076.9" ICD9-HASH-TABLE) "Trachoma, unspecified")
(SETF (GETHASH '"077" ICD9-HASH-TABLE)
      "Other diseases of conjunctiva due to viruses and Chlamydiae")
(SETF (GETHASH '"077.0" ICD9-HASH-TABLE) "Inclusion conjunctivitis")
(SETF (GETHASH '"077.1" ICD9-HASH-TABLE) "Epidemic keratoconjunctivitis")
(SETF (GETHASH '"077.2" ICD9-HASH-TABLE) "Pharyngoconjunctival fever")
(SETF (GETHASH '"077.3" ICD9-HASH-TABLE)
      "Other adenoviral conjunctivitis")
(SETF (GETHASH '"077.4" ICD9-HASH-TABLE)
      "Epidemic hemorrhagic conjunctivitis")
(SETF (GETHASH '"077.8" ICD9-HASH-TABLE) "Other viral conjunctivitis")
(SETF (GETHASH '"077.9" ICD9-HASH-TABLE)
      "Unspecified diseases of conjunctiva due to viruses and Chlamydiae")
(SETF (GETHASH '"077.98" ICD9-HASH-TABLE) "Due to Chlamydiae")
(SETF (GETHASH '"077.99" ICD9-HASH-TABLE) "Due to viruses")
(SETF (GETHASH '"078" ICD9-HASH-TABLE)
      "Other diseases due to viruses and Chlamydiae")
(SETF (GETHASH '"078.0" ICD9-HASH-TABLE) "Molluscum contagiosum")
(SETF (GETHASH '"078.1" ICD9-HASH-TABLE) "Viral warts")
(SETF (GETHASH '"078.10" ICD9-HASH-TABLE) "Viral warts, unspecified")
(SETF (GETHASH '"078.11" ICD9-HASH-TABLE) "Condyloma acuminatum")
(SETF (GETHASH '"078.19" ICD9-HASH-TABLE) "Other specified viral warts")
(SETF (GETHASH '"078.2" ICD9-HASH-TABLE) "Sweating fever")
(SETF (GETHASH '"078.3" ICD9-HASH-TABLE) "Cat-scratch disease")
(SETF (GETHASH '"078.4" ICD9-HASH-TABLE) "Foot and mouth disease")
(SETF (GETHASH '"078.5" ICD9-HASH-TABLE) "Cytomegaloviral disease")
(SETF (GETHASH '"078.6" ICD9-HASH-TABLE) "Hemorrhagic nephrosonephritis")
(SETF (GETHASH '"078.7" ICD9-HASH-TABLE) "Arenaviral hemorrhagic fever")
(SETF (GETHASH '"078.8" ICD9-HASH-TABLE)
      "Other specified diseases due to viruses and Chlamydiae")
(SETF (GETHASH '"078.81" ICD9-HASH-TABLE) "Epidemic vertigo")
(SETF (GETHASH '"078.82" ICD9-HASH-TABLE) "Epidemic vomiting syndrome")
(SETF (GETHASH '"078.88" ICD9-HASH-TABLE)
      "Other specified diseases due to Chlamydiae")
(SETF (GETHASH '"078.89" ICD9-HASH-TABLE)
      "Other specified diseases due to viruses")
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(SETF (GETHASH '"079" ICD9-HASH-TABLE)
      "Viral and chlamydial infection in conditions classified elsewhere and of unspecified site")
(SETF (GETHASH '"079.0" ICD9-HASH-TABLE) "Adenovirus")
(SETF (GETHASH '"079.1" ICD9-HASH-TABLE) "ECHO virus")
(SETF (GETHASH '"079.2" ICD9-HASH-TABLE) "Coxsackie virus")
(SETF (GETHASH '"079.3" ICD9-HASH-TABLE) "Rhinovirus")
(SETF (GETHASH '"079.4" ICD9-HASH-TABLE) "Human papilloma virus")
(SETF (GETHASH '"079.5" ICD9-HASH-TABLE) "Retrovirus")
(SETF (GETHASH '"079.50" ICD9-HASH-TABLE) "Retrovirus, unspecified")
(SETF (GETHASH '"079.51" ICD9-HASH-TABLE)
      "Human T-cell lymphotrophic virus, type I [HTLV-I]")
(SETF (GETHASH '"079.52" ICD9-HASH-TABLE)
      "Human T-cell lymphotrophic virus, type II [HTLV-II]")
(SETF (GETHASH '"079.53" ICD9-HASH-TABLE)
      "Human immunodeficiency virus, type 2 [HIV-2]")
(SETF (GETHASH '"079.59" ICD9-HASH-TABLE) "Other specified retrovirus")
(SETF (GETHASH '"079.6" ICD9-HASH-TABLE)
      "Respiratory syncytial virus (RSV)")
(SETF (GETHASH '"079.8" ICD9-HASH-TABLE)
      "Other specified viral and chlamydial infections")
(SETF (GETHASH '"079.81" ICD9-HASH-TABLE) "Hantavirus")
(SETF (GETHASH '"079.88" ICD9-HASH-TABLE)
      "Other specified chlamydial infection")
(SETF (GETHASH '"079.89" ICD9-HASH-TABLE)
      "Other specified viral infection")
(SETF (GETHASH '"079.9" ICD9-HASH-TABLE)
      "Unspecified viral and chlamydial infections")
(SETF (GETHASH '"079.98" ICD9-HASH-TABLE)
      "Unspecified chlamydial infection")
(SETF (GETHASH '"079.99" ICD9-HASH-TABLE) "Unspecified viral infection")
(SETF (GETHASH '"080" ICD9-HASH-TABLE) "Louse-borne [epidemic] typhus")
(SETF (GETHASH '"081" ICD9-HASH-TABLE) "Other typhus")
(SETF (GETHASH '"081.0" ICD9-HASH-TABLE) "Murine [endemic] typhus")
(SETF (GETHASH '"081.1" ICD9-HASH-TABLE) "Brill's disease")
(SETF (GETHASH '"081.2" ICD9-HASH-TABLE) "Scrub typhus")
(SETF (GETHASH '"081.9" ICD9-HASH-TABLE) "Typhus, unspecified")
(SETF (GETHASH '"082" ICD9-HASH-TABLE) "Tick-borne rickettsioses")
(SETF (GETHASH '"082.0" ICD9-HASH-TABLE) "Spotted fevers")
(SETF (GETHASH '"082.1" ICD9-HASH-TABLE) "Boutonneuse fever")
(SETF (GETHASH '"082.2" ICD9-HASH-TABLE) "North Asian tick fever")
(SETF (GETHASH '"082.8" ICD9-HASH-TABLE)
      "Other specified tick-borne rickettsioses")
(SETF (GETHASH '"082.9" ICD9-HASH-TABLE)
      "Tick-borne rickettsiosis, unspecified")
(SETF (GETHASH '"083" ICD9-HASH-TABLE) "Other rickettsioses")
(SETF (GETHASH '"083.0" ICD9-HASH-TABLE) "Q fever")
(SETF (GETHASH '"083.1" ICD9-HASH-TABLE) "Trench fever")
(SETF (GETHASH '"083.2" ICD9-HASH-TABLE) "Rickettsialpox")
(SETF (GETHASH '"083.8" ICD9-HASH-TABLE) "Other specified rickettsioses")
(SETF (GETHASH '"083.9" ICD9-HASH-TABLE) "Rickettsiosis, unspecified")
(SETF (GETHASH '"084" ICD9-HASH-TABLE) "Malaria")
(SETF (GETHASH '"084.0" ICD9-HASH-TABLE)
      "Falciparum malaria [malignant tertian]")
(SETF (GETHASH '"084.1" ICD9-HASH-TABLE)
      "Vivax malaria [benign tertian]")
(SETF (GETHASH '"084.2" ICD9-HASH-TABLE) "Quartan malaria")
(SETF (GETHASH '"084.3" ICD9-HASH-TABLE) "Ovale malaria")
(SETF (GETHASH '"084.4" ICD9-HASH-TABLE) "Other malaria")
(SETF (GETHASH '"084.5" ICD9-HASH-TABLE) "Mixed malaria")
(SETF (GETHASH '"084.6" ICD9-HASH-TABLE) "Malaria, unspecified")
(SETF (GETHASH '"084.7" ICD9-HASH-TABLE) "Induced malaria")
(SETF (GETHASH '"084.8" ICD9-HASH-TABLE) "Blackwater fever")
(SETF (GETHASH '"084.9" ICD9-HASH-TABLE)
      "Other pernicious complications of malaria")
(SETF (GETHASH '"085" ICD9-HASH-TABLE) "Leishmaniasis")
(SETF (GETHASH '"085.0" ICD9-HASH-TABLE) "Visceral [kala-azar]")
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(SETF (GETHASH '"085.1" ICD9-HASH-TABLE) "Cutaneous, urban")
(SETF (GETHASH '"085.2" ICD9-HASH-TABLE) "Cutaneous, Asian desert")
(SETF (GETHASH '"085.3" ICD9-HASH-TABLE) "Cutaneous, Ethiopian")
(SETF (GETHASH '"085.4" ICD9-HASH-TABLE) "Cutaneous, American")
(SETF (GETHASH '"085.5" ICD9-HASH-TABLE) "Mucocutaneous (American)")
(SETF (GETHASH '"085.9" ICD9-HASH-TABLE) "Leishmaniasis, unspecified")
(SETF (GETHASH '"086" ICD9-HASH-TABLE) "Trypanosomiasis")
(SETF (GETHASH '"086.0" ICD9-HASH-TABLE)
      "Chagas' disease with heart involvement")
(SETF (GETHASH '"086.1" ICD9-HASH-TABLE)
      "Chagas' disease with other organ involvement")
(SETF (GETHASH '"086.2" ICD9-HASH-TABLE)
      "Chagas' disease without mention of organ involvement")
(SETF (GETHASH '"086.3" ICD9-HASH-TABLE) "Gambian trypanosomiasis")
(SETF (GETHASH '"086.4" ICD9-HASH-TABLE) "Rhodesian trypanosomiasis")
(SETF (GETHASH '"086.5" ICD9-HASH-TABLE)
      "African trypanosomiasis, unspecified")
(SETF (GETHASH '"086.9" ICD9-HASH-TABLE) "Trypanosomiasis, unspecified")
(SETF (GETHASH '"087" ICD9-HASH-TABLE) "Relapsing fever")
(SETF (GETHASH '"087.0" ICD9-HASH-TABLE) "Louse-borne")
(SETF (GETHASH '"087.1" ICD9-HASH-TABLE) "Tick-borne")
(SETF (GETHASH '"087.9" ICD9-HASH-TABLE) "Relapsing fever, unspecified")
(SETF (GETHASH '"088" ICD9-HASH-TABLE) "Other arthropod-borne diseases")
(SETF (GETHASH '"088.0" ICD9-HASH-TABLE) "Bartonellosis")
(SETF (GETHASH '"088.8" ICD9-HASH-TABLE)
      "Other specified arthropod-borne diseases")
(SETF (GETHASH '"088.81" ICD9-HASH-TABLE) "Lyme disease")
(SETF (GETHASH '"088.82" ICD9-HASH-TABLE) "Babesiosis")
(SETF (GETHASH '"088.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"088.9" ICD9-HASH-TABLE)
      "Arthropod-borne disease, unspecified")
(SETF (GETHASH '"090" ICD9-HASH-TABLE) "Congenital syphilis")
(SETF (GETHASH '"090.0" ICD9-HASH-TABLE)
      "Early congenital syphilis, symptomatic")
(SETF (GETHASH '"090.1" ICD9-HASH-TABLE)
      "Early congenital syphilis, latent")
(SETF (GETHASH '"090.2" ICD9-HASH-TABLE)
      "Early congenital syphilis, unspecified")
(SETF (GETHASH '"090.3" ICD9-HASH-TABLE)
      "Syphilitic interstitial keratitis")
(SETF (GETHASH '"090.4" ICD9-HASH-TABLE) "Juvenile neurosyphilis")
(SETF (GETHASH '"090.40" ICD9-HASH-TABLE)
      "Juvenile neurosyphilis, unspecified")
(SETF (GETHASH '"090.41" ICD9-HASH-TABLE)
      "Congenital syphilitic encephalitis")
(SETF (GETHASH '"090.42" ICD9-HASH-TABLE)
      "Congenital syphilitic meningitis")
(SETF (GETHASH '"090.49" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"090.5" ICD9-HASH-TABLE)
      "Other late congenital syphilis, symptomatic")
(SETF (GETHASH '"090.6" ICD9-HASH-TABLE)
      "Late congenital syphilis, latent")
(SETF (GETHASH '"090.7" ICD9-HASH-TABLE)
      "Late congenital syphilis, unspecified")
(SETF (GETHASH '"090.9" ICD9-HASH-TABLE)
      "Congenital syphilis, unspecified")
(SETF (GETHASH '"091" ICD9-HASH-TABLE) "Early syphilis, symptomatic")
(SETF (GETHASH '"091.0" ICD9-HASH-TABLE) "Genital syphilis (primary)")
(SETF (GETHASH '"091.1" ICD9-HASH-TABLE) "Primary anal syphilis")
(SETF (GETHASH '"091.2" ICD9-HASH-TABLE) "Other primary syphilis")
(SETF (GETHASH '"091.3" ICD9-HASH-TABLE)
      "Secondary syphilis of skin or mucous membranes")
(SETF (GETHASH '"091.4" ICD9-HASH-TABLE)
      "Adenopathy due to secondary syphilis")
(SETF (GETHASH '"091.5" ICD9-HASH-TABLE)
      "Uveitis due to secondary syphilis")
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(SETF (GETHASH '"091.50" ICD9-HASH-TABLE)
      "Syphilitic uveitis, unspecified")
(SETF (GETHASH '"091.52" ICD9-HASH-TABLE)
      "Syphilitic iridocyclitis (secondary)")
(SETF (GETHASH '"091.6" ICD9-HASH-TABLE)
      "Secondary syphilis of viscera and bone")
(SETF (GETHASH '"091.61" ICD9-HASH-TABLE)
      "Secondary syphilitic periostitis")
(SETF (GETHASH '"091.62" ICD9-HASH-TABLE)
      "Secondary syphilitic hepatitis")
(SETF (GETHASH '"091.69" ICD9-HASH-TABLE) "Other viscera")
(SETF (GETHASH '"091.7" ICD9-HASH-TABLE) "Secondary syphilis, relapse")
(SETF (GETHASH '"091.8" ICD9-HASH-TABLE)
      "Other forms of secondary syphilis")
(SETF (GETHASH '"091.81" ICD9-HASH-TABLE)
      "Acute syphilitic meningitis (secondary)")
(SETF (GETHASH '"091.82" ICD9-HASH-TABLE) "Syphilitic alopecia")
(SETF (GETHASH '"091.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"091.9" ICD9-HASH-TABLE)
      "Unspecified secondary syphilis")
(SETF (GETHASH '"092" ICD9-HASH-TABLE) "Early syphilis, latent")
(SETF (GETHASH '"092.0" ICD9-HASH-TABLE)
      "Early syphilis, latent, serological relapse after treatment")
(SETF (GETHASH '"092.9" ICD9-HASH-TABLE)
      "Early syphilis, latent, unspecified")
(SETF (GETHASH '"093" ICD9-HASH-TABLE) "Cardiovascular syphilis")
(SETF (GETHASH '"093.0" ICD9-HASH-TABLE)
      "Aneurysm of aorta, specified as syphilitic")
(SETF (GETHASH '"093.1" ICD9-HASH-TABLE) "Syphilitic aortitis")
(SETF (GETHASH '"093.2" ICD9-HASH-TABLE) "Syphilitic endocarditis")
(SETF (GETHASH '"093.20" ICD9-HASH-TABLE) "Valve, unspecified")
(SETF (GETHASH '"093.21" ICD9-HASH-TABLE) "Mitral valve")
(SETF (GETHASH '"093.22" ICD9-HASH-TABLE) "Aortic valve")
(SETF (GETHASH '"093.23" ICD9-HASH-TABLE) "Tricuspid valve")
(SETF (GETHASH '"093.24" ICD9-HASH-TABLE) "Pulmonary valve")
(SETF (GETHASH '"093.8" ICD9-HASH-TABLE)
      "Other specified cardiovascular syphilis")
(SETF (GETHASH '"093.81" ICD9-HASH-TABLE) "Syphilitic pericarditis")
(SETF (GETHASH '"093.82" ICD9-HASH-TABLE) "Syphilitic myocarditis")
(SETF (GETHASH '"093.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"093.9" ICD9-HASH-TABLE)
      "Cardiovascular syphilis, unspecified")
(SETF (GETHASH '"094" ICD9-HASH-TABLE) "Neurosyphilis")
(SETF (GETHASH '"094.0" ICD9-HASH-TABLE) "Tabes dorsalis")
(SETF (GETHASH '"094.1" ICD9-HASH-TABLE) "General paresis")
(SETF (GETHASH '"094.2" ICD9-HASH-TABLE) "Syphilitic meningitis")
(SETF (GETHASH '"094.3" ICD9-HASH-TABLE) "Asymptomatic neurosyphilis")
(SETF (GETHASH '"094.8" ICD9-HASH-TABLE) "Other specified neurosyphilis")
(SETF (GETHASH '"094.81" ICD9-HASH-TABLE) "Syphilitic encephalitis")
(SETF (GETHASH '"094.82" ICD9-HASH-TABLE) "Syphilitic Parkinsonism")
(SETF (GETHASH '"094.83" ICD9-HASH-TABLE)
      "Syphilitic disseminated retinochoroiditis")
(SETF (GETHASH '"094.84" ICD9-HASH-TABLE) "Syphilitic optic atrophy")
(SETF (GETHASH '"094.85" ICD9-HASH-TABLE)
      "Syphilitic retrobulbar neuritis")
(SETF (GETHASH '"094.86" ICD9-HASH-TABLE) "Syphilitic acoustic neuritis")
(SETF (GETHASH '"094.87" ICD9-HASH-TABLE)
      "Syphilitic ruptured cerebral aneurysm")
(SETF (GETHASH '"094.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"094.9" ICD9-HASH-TABLE) "Neurosyphilis, unspecified")
(SETF (GETHASH '"095" ICD9-HASH-TABLE)
      "Other forms of late syphilis, with symptoms")
(SETF (GETHASH '"095.0" ICD9-HASH-TABLE) "Syphilitic episcleritis")
(SETF (GETHASH '"095.1" ICD9-HASH-TABLE) "Syphilis of lung")
(SETF (GETHASH '"095.2" ICD9-HASH-TABLE) "Syphilitic peritonitis")
(SETF (GETHASH '"095.3" ICD9-HASH-TABLE) "Syphilis of liver")
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(SETF (GETHASH '"095.4" ICD9-HASH-TABLE) "Syphilis of kidney")
(SETF (GETHASH '"095.5" ICD9-HASH-TABLE) "Syphilis of bone")
(SETF (GETHASH '"095.6" ICD9-HASH-TABLE) "Syphilis of muscle")
(SETF (GETHASH '"095.7" ICD9-HASH-TABLE)
      "Syphilis of synovium, tendon, and bursa")
(SETF (GETHASH '"095.8" ICD9-HASH-TABLE)
      "Other specified forms of late symptomatic syphilis")
(SETF (GETHASH '"095.9" ICD9-HASH-TABLE)
      "Late symptomatic syphilis, unspecified")
(SETF (GETHASH '"096" ICD9-HASH-TABLE) "Late syphilis, latent")
(SETF (GETHASH '"097" ICD9-HASH-TABLE) "Other and unspecified syphilis")
(SETF (GETHASH '"097.0" ICD9-HASH-TABLE) "Late syphilis, unspecified")
(SETF (GETHASH '"097.1" ICD9-HASH-TABLE) "Latent syphilis, unspecified")
(SETF (GETHASH '"097.9" ICD9-HASH-TABLE) "Syphilis, unspecified")
(SETF (GETHASH '"098" ICD9-HASH-TABLE) "Gonococcal infections")
(SETF (GETHASH '"098.0" ICD9-HASH-TABLE)
      "Acute, of lower genitourinary tract")
(SETF (GETHASH '"098.1" ICD9-HASH-TABLE)
      "Acute, of upper genitourinary tract")
(SETF (GETHASH '"098.10" ICD9-HASH-TABLE)
      "Gonococcal infection (acute) of upper genitourinary tract, site unspecified")
(SETF (GETHASH '"098.11" ICD9-HASH-TABLE) "Gonococcal cystitis (acute)")
(SETF (GETHASH '"098.12" ICD9-HASH-TABLE)
      "Gonococcal prostatitis (acute)")
(SETF (GETHASH '"098.13" ICD9-HASH-TABLE)
      "Gonococcal epididymo-orchitis (acute)")
(SETF (GETHASH '"098.14" ICD9-HASH-TABLE)
      "Gonococcal seminal vesiculitis (acute)")
(SETF (GETHASH '"098.15" ICD9-HASH-TABLE)
      "Gonococcal cervicitis (acute)")
(SETF (GETHASH '"098.16" ICD9-HASH-TABLE)
      "Gonococcal endometritis (acute)")
(SETF (GETHASH '"098.17" ICD9-HASH-TABLE)
      "Gonococcal salpingitis, specified as acute")
(SETF (GETHASH '"098.19" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"098.2" ICD9-HASH-TABLE)
      "Chronic, of lower genitourinary tract")
(SETF (GETHASH '"098.3" ICD9-HASH-TABLE)
      "Chronic, of upper genitourinary tract")
(SETF (GETHASH '"098.30" ICD9-HASH-TABLE)
      "Chronic gonococcal infection of upper genitourinary tract, site unspecified")
(SETF (GETHASH '"098.31" ICD9-HASH-TABLE) "Gonococcal cystitis, chronic")
(SETF (GETHASH '"098.32" ICD9-HASH-TABLE)
      "Gonococcal prostatitis, chronic")
(SETF (GETHASH '"098.33" ICD9-HASH-TABLE)
      "Gonococcal epididymo-orchitis, chronic")
(SETF (GETHASH '"098.34" ICD9-HASH-TABLE)
      "Gonococcal seminal vesiculitis, chronic")
(SETF (GETHASH '"098.35" ICD9-HASH-TABLE)
      "Gonococcal cervicitis, chronic")
(SETF (GETHASH '"098.36" ICD9-HASH-TABLE)
      "Gonococcal endometritis, chronic")
(SETF (GETHASH '"098.37" ICD9-HASH-TABLE)
      "Gonococcal salpingitis (chronic)")
(SETF (GETHASH '"098.39" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"098.4" ICD9-HASH-TABLE) "Gonococcal infection of eye")
(SETF (GETHASH '"098.40" ICD9-HASH-TABLE)
      "Gonococcal conjunctivitis (neonatorum)")
(SETF (GETHASH '"098.41" ICD9-HASH-TABLE) "Gonococcal iridocyclitis")
(SETF (GETHASH '"098.42" ICD9-HASH-TABLE) "Gonococcal endophthalmia")
(SETF (GETHASH '"098.43" ICD9-HASH-TABLE) "Gonococcal keratitis")
(SETF (GETHASH '"098.49" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"098.5" ICD9-HASH-TABLE) "Gonococcal infection of joint")
(SETF (GETHASH '"098.50" ICD9-HASH-TABLE) "Gonococcal arthritis")
(SETF (GETHASH '"098.51" ICD9-HASH-TABLE)
      "Gonococcal synovitis and tenosynovitis")
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(SETF (GETHASH '"098.52" ICD9-HASH-TABLE) "Gonococcal bursitis")
(SETF (GETHASH '"098.53" ICD9-HASH-TABLE) "Gonococcal spondylitis")
(SETF (GETHASH '"098.59" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"098.6" ICD9-HASH-TABLE)
      "Gonococcal infection of pharynx")
(SETF (GETHASH '"098.7" ICD9-HASH-TABLE)
      "Gonococcal infection of anus and rectum")
(SETF (GETHASH '"098.8" ICD9-HASH-TABLE)
      "Gonococcal infection of other specified sites")
(SETF (GETHASH '"098.81" ICD9-HASH-TABLE)
      "Gonococcal keratosis (blennorrhagica)")
(SETF (GETHASH '"098.82" ICD9-HASH-TABLE) "Gonococcal meningitis")
(SETF (GETHASH '"098.83" ICD9-HASH-TABLE) "Gonococcal pericarditis")
(SETF (GETHASH '"098.84" ICD9-HASH-TABLE) "Gonococcal endocarditis")
(SETF (GETHASH '"098.85" ICD9-HASH-TABLE)
      "Other gonococcal heart disease")
(SETF (GETHASH '"098.86" ICD9-HASH-TABLE) "Gonococcal peritonitis")
(SETF (GETHASH '"098.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"099" ICD9-HASH-TABLE) "Other venereal diseases")
(SETF (GETHASH '"099.0" ICD9-HASH-TABLE) "Chancroid")
(SETF (GETHASH '"099.1" ICD9-HASH-TABLE) "Lymphogranuloma venereum")
(SETF (GETHASH '"099.2" ICD9-HASH-TABLE) "Granuloma inguinale")
(SETF (GETHASH '"099.3" ICD9-HASH-TABLE) "Reiter's disease")
(SETF (GETHASH '"099.4" ICD9-HASH-TABLE)
      "Other nongonococcal urethritis [NGU]")
(SETF (GETHASH '"099.40" ICD9-HASH-TABLE) "Unspecified")
(SETF (GETHASH '"099.41" ICD9-HASH-TABLE) "Chlamydia trachomatis")
(SETF (GETHASH '"099.49" ICD9-HASH-TABLE) "Other specified organism")
(SETF (GETHASH '"099.50" ICD9-HASH-TABLE) "Unspecified site")
(SETF (GETHASH '"099.51" ICD9-HASH-TABLE) "Pharynx")
(SETF (GETHASH '"099.52" ICD9-HASH-TABLE) "Anus and rectum")
(SETF (GETHASH '"099.53" ICD9-HASH-TABLE) "Lower genitourinary sites")
(SETF (GETHASH '"099.54" ICD9-HASH-TABLE) "Other genitourinary sites")
(SETF (GETHASH '"099.55" ICD9-HASH-TABLE)
      "Unspecified genitourinary site")
(SETF (GETHASH '"099.56" ICD9-HASH-TABLE) "Peritoneum")
(SETF (GETHASH '"099.59" ICD9-HASH-TABLE) "Other specified site")
(SETF (GETHASH '"099.8" ICD9-HASH-TABLE)
      "Other specified venereal diseases")
(SETF (GETHASH '"099.9" ICD9-HASH-TABLE) "Venereal disease, unspecified")
(SETF (GETHASH '"100" ICD9-HASH-TABLE) "Leptospirosis")
(SETF (GETHASH '"100.0" ICD9-HASH-TABLE)
      "Leptospirosis icterohemorrhagica")
(SETF (GETHASH '"100.8" ICD9-HASH-TABLE)
      "Other specified leptospiral infections")
(SETF (GETHASH '"100.81" ICD9-HASH-TABLE)
      "Leptospiral meningitis (aseptic)")
(SETF (GETHASH '"100.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"100.9" ICD9-HASH-TABLE) "Leptospirosis, unspecified")
(SETF (GETHASH '"101" ICD9-HASH-TABLE) "Vincent's angina")
(SETF (GETHASH '"102" ICD9-HASH-TABLE) "Yaws")
(SETF (GETHASH '"102.0" ICD9-HASH-TABLE) "Initial lesions")
(SETF (GETHASH '"102.1" ICD9-HASH-TABLE)
      "Multiple papillomata and wet crab yaws")
(SETF (GETHASH '"102.2" ICD9-HASH-TABLE) "Other early skin lesions")
(SETF (GETHASH '"102.3" ICD9-HASH-TABLE) "Hyperkeratosis")
(SETF (GETHASH '"102.4" ICD9-HASH-TABLE) "Gummata and ulcers")
(SETF (GETHASH '"102.5" ICD9-HASH-TABLE) "Gangosa")
(SETF (GETHASH '"102.6" ICD9-HASH-TABLE) "Bone and joint lesions")
(SETF (GETHASH '"102.7" ICD9-HASH-TABLE) "Other manifestations")
(SETF (GETHASH '"102.8" ICD9-HASH-TABLE) "Latent yaws")
(SETF (GETHASH '"102.9" ICD9-HASH-TABLE) "Yaws, unspecified")
(SETF (GETHASH '"103" ICD9-HASH-TABLE) "Pinta")
(SETF (GETHASH '"103.0" ICD9-HASH-TABLE) "Primary lesions")
(SETF (GETHASH '"103.1" ICD9-HASH-TABLE) "Intermediate lesions")
(SETF (GETHASH '"103.2" ICD9-HASH-TABLE) "Late lesions")
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(SETF (GETHASH '"103.3" ICD9-HASH-TABLE) "Mixed lesions")
(SETF (GETHASH '"103.9" ICD9-HASH-TABLE) "Pinta, unspecified")
(SETF (GETHASH '"104" ICD9-HASH-TABLE) "Other spirochetal infection")
(SETF (GETHASH '"104.0" ICD9-HASH-TABLE) "Nonvenereal endemic syphilis")
(SETF (GETHASH '"104.8" ICD9-HASH-TABLE)
      "Other specified spirochetal infections")
(SETF (GETHASH '"104.9" ICD9-HASH-TABLE)
      "Spirochetal infection, unspecified")
(SETF (GETHASH '"110" ICD9-HASH-TABLE) "Dermatophytosis")
(SETF (GETHASH '"110.0" ICD9-HASH-TABLE) "Of scalp and beard")
(SETF (GETHASH '"110.1" ICD9-HASH-TABLE) "Of nail")
(SETF (GETHASH '"110.2" ICD9-HASH-TABLE) "Of hand")
(SETF (GETHASH '"110.3" ICD9-HASH-TABLE) "Of groin and perianal area")
(SETF (GETHASH '"110.4" ICD9-HASH-TABLE) "Of foot")
(SETF (GETHASH '"110.5" ICD9-HASH-TABLE) "Of the body")
(SETF (GETHASH '"110.6" ICD9-HASH-TABLE) "Deep seated dermatophytosis")
(SETF (GETHASH '"110.8" ICD9-HASH-TABLE) "Of other specified sites")
(SETF (GETHASH '"110.9" ICD9-HASH-TABLE) "Of unspecified site")
(SETF (GETHASH '"111" ICD9-HASH-TABLE)
      "Dermatomycosis, other and unspecified")
(SETF (GETHASH '"111.0" ICD9-HASH-TABLE) "Pityriasis versicolor")
(SETF (GETHASH '"111.1" ICD9-HASH-TABLE) "Tinea nigra")
(SETF (GETHASH '"111.2" ICD9-HASH-TABLE) "Tinea blanca")
(SETF (GETHASH '"111.3" ICD9-HASH-TABLE) "Black piedra")
(SETF (GETHASH '"111.8" ICD9-HASH-TABLE)
      "Other specified dermatomycoses")
(SETF (GETHASH '"111.9" ICD9-HASH-TABLE) "Dermatomycosis, unspecified")
(SETF (GETHASH '"112" ICD9-HASH-TABLE) "Candidiasis")
(SETF (GETHASH '"112.0" ICD9-HASH-TABLE) "Of mouth")
(SETF (GETHASH '"112.1" ICD9-HASH-TABLE) "Of vulva and vagina")
(SETF (GETHASH '"112.2" ICD9-HASH-TABLE) "Of other urogenital sites")
(SETF (GETHASH '"112.3" ICD9-HASH-TABLE) "Of skin and nails")
(SETF (GETHASH '"112.4" ICD9-HASH-TABLE) "Of lung")
(SETF (GETHASH '"112.5" ICD9-HASH-TABLE) "Disseminated")
(SETF (GETHASH '"112.8" ICD9-HASH-TABLE) "Of other specified sites")
(SETF (GETHASH '"112.81" ICD9-HASH-TABLE) "Candidal endocarditis")
(SETF (GETHASH '"112.82" ICD9-HASH-TABLE) "Candidal otitis externa")
(SETF (GETHASH '"112.83" ICD9-HASH-TABLE) "Candidal meningitis")
(SETF (GETHASH '"112.84" ICD9-HASH-TABLE) "Candidal esophagitis")
(SETF (GETHASH '"112.85" ICD9-HASH-TABLE) "Candidal enteritis")
(SETF (GETHASH '"112.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"112.9" ICD9-HASH-TABLE) "Of unspecified site")
(SETF (GETHASH '"114" ICD9-HASH-TABLE) "Coccidioidomycosis")
(SETF (GETHASH '"114.0" ICD9-HASH-TABLE)
      "Primary coccidioidomycosis (pulmonary)")
(SETF (GETHASH '"114.1" ICD9-HASH-TABLE)
      "Primary extrapulmonary coccidioidomycosis")
(SETF (GETHASH '"114.2" ICD9-HASH-TABLE) "Coccidioidal meningitis")
(SETF (GETHASH '"114.3" ICD9-HASH-TABLE)
      "Other forms of progressive coccidioidomycosis")
(SETF (GETHASH '"114.4" ICD9-HASH-TABLE)
      "Chronic pulmonary coccidioidomycosis")
(SETF (GETHASH '"114.5" ICD9-HASH-TABLE)
      "Pulmonary coccidioidomycosis, unspecified")
(SETF (GETHASH '"114.9" ICD9-HASH-TABLE)
      "Coccidioidomycosis, unspecified")
(SETF (GETHASH '"115" ICD9-HASH-TABLE) "Histoplasmosis")
(SETF (GETHASH '"115.0" ICD9-HASH-TABLE)
      "Infection by Histoplasma capsulatum")
(SETF (GETHASH '"115.1" ICD9-HASH-TABLE)
      "Infection by Histoplasma duboisii")
(SETF (GETHASH '"115.9" ICD9-HASH-TABLE) "Histoplasmosis, unspecified")
(SETF (GETHASH '"116" ICD9-HASH-TABLE) "Blastomycotic infection")
(SETF (GETHASH '"116.0" ICD9-HASH-TABLE) "Blastomycosis")
(SETF (GETHASH '"116.1" ICD9-HASH-TABLE) "Paracoccidioidomycosis")
(SETF (GETHASH '"116.2" ICD9-HASH-TABLE) "Lobomycosis")
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(SETF (GETHASH '"117" ICD9-HASH-TABLE) "Other mycoses")
(SETF (GETHASH '"117.0" ICD9-HASH-TABLE) "Rhinosporidiosis")
(SETF (GETHASH '"117.1" ICD9-HASH-TABLE) "Sporotrichosis")
(SETF (GETHASH '"117.2" ICD9-HASH-TABLE) "Chromoblastomycosis")
(SETF (GETHASH '"117.3" ICD9-HASH-TABLE) "Aspergillosis")
(SETF (GETHASH '"117.4" ICD9-HASH-TABLE) "Mycotic mycetomas")
(SETF (GETHASH '"117.5" ICD9-HASH-TABLE) "Cryptococcosis")
(SETF (GETHASH '"117.6" ICD9-HASH-TABLE)
      "Allescheriosis [Petriellidosis]")
(SETF (GETHASH '"117.7" ICD9-HASH-TABLE)
      "Zygomycosis [Phycomycosis or Mucormycosis]")
(SETF (GETHASH '"117.8" ICD9-HASH-TABLE)
      "Infection by dematiacious fungi [Phaehyphomycosis]")
(SETF (GETHASH '"117.9" ICD9-HASH-TABLE) "Other and unspecified mycoses")
(SETF (GETHASH '"118" ICD9-HASH-TABLE) "Opportunistic mycoses")
(SETF (GETHASH '"120" ICD9-HASH-TABLE) "Schistosomiasis [bilharziasis]")
(SETF (GETHASH '"120.0" ICD9-HASH-TABLE) "Schistosoma haematobium")
(SETF (GETHASH '"120.1" ICD9-HASH-TABLE) "Schistosoma mansoni")
(SETF (GETHASH '"120.2" ICD9-HASH-TABLE) "Schistosoma japonicum")
(SETF (GETHASH '"120.3" ICD9-HASH-TABLE) "Cutaneous")
(SETF (GETHASH '"120.8" ICD9-HASH-TABLE)
      "Other specified schistosomiasis")
(SETF (GETHASH '"120.9" ICD9-HASH-TABLE) "Schistosomiasis, unspecified")
(SETF (GETHASH '"121" ICD9-HASH-TABLE) "Other trematode infections")
(SETF (GETHASH '"121.0" ICD9-HASH-TABLE) "Opisthorchiasis")
(SETF (GETHASH '"121.1" ICD9-HASH-TABLE) "Clonorchiasis")
(SETF (GETHASH '"121.2" ICD9-HASH-TABLE) "Paragonimiasis")
(SETF (GETHASH '"121.3" ICD9-HASH-TABLE) "Fascioliasis")
(SETF (GETHASH '"121.4" ICD9-HASH-TABLE) "Fasciolopsiasis")
(SETF (GETHASH '"121.5" ICD9-HASH-TABLE) "Metagonimiasis")
(SETF (GETHASH '"121.6" ICD9-HASH-TABLE) "Heterophyiasis")
(SETF (GETHASH '"121.8" ICD9-HASH-TABLE)
      "Other specified trematode infections")
(SETF (GETHASH '"121.9" ICD9-HASH-TABLE)
      "Trematode infection, unspecified")
(SETF (GETHASH '"122" ICD9-HASH-TABLE) "Echinococcosis")
(SETF (GETHASH '"122.0" ICD9-HASH-TABLE)
      "Echinococcus granulosus infection of liver")
(SETF (GETHASH '"122.1" ICD9-HASH-TABLE)
      "Echinococcus granulosus infection of lung")
(SETF (GETHASH '"122.2" ICD9-HASH-TABLE)
      "Echinococcus granulosus infection of thyroid")
(SETF (GETHASH '"122.3" ICD9-HASH-TABLE)
      "Echinococcus granulosus infection, other")
(SETF (GETHASH '"122.4" ICD9-HASH-TABLE)
      "Echinococcus granulosus infection, unspecified")
(SETF (GETHASH '"122.5" ICD9-HASH-TABLE)
      "Echinococcus multilocularis infection of liver")
(SETF (GETHASH '"122.6" ICD9-HASH-TABLE)
      "Echinococcus multilocularis infection, other")
(SETF (GETHASH '"122.7" ICD9-HASH-TABLE)
      "Echinococcus multilocularis infection, unspecified")
(SETF (GETHASH '"122.8" ICD9-HASH-TABLE)
      "Echinococcosis, unspecified, of liver")
(SETF (GETHASH '"122.9" ICD9-HASH-TABLE)
      "Echinococcosis, other and unspecified")
(SETF (GETHASH '"123" ICD9-HASH-TABLE) "Other cestode infection")
(SETF (GETHASH '"123.0" ICD9-HASH-TABLE)
      "Taenia solium infection, intestinal form")
(SETF (GETHASH '"123.1" ICD9-HASH-TABLE) "Cysticercosis")
(SETF (GETHASH '"123.2" ICD9-HASH-TABLE) "Taenia saginata infection")
(SETF (GETHASH '"123.3" ICD9-HASH-TABLE) "Taeniasis, unspecified")
(SETF (GETHASH '"123.4" ICD9-HASH-TABLE)
      "Diphyllobothriasis, intestinal")
(SETF (GETHASH '"123.5" ICD9-HASH-TABLE)
      "Sparganosis [larval diphyllobothriasis]")
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(SETF (GETHASH '"123.6" ICD9-HASH-TABLE) "Hymenolepiasis")
(SETF (GETHASH '"123.8" ICD9-HASH-TABLE)
      "Other specified cestode infection")
(SETF (GETHASH '"123.9" ICD9-HASH-TABLE)
      "Cestode infection, unspecified")
(SETF (GETHASH '"124" ICD9-HASH-TABLE) "Trichinosis")
(SETF (GETHASH '"125" ICD9-HASH-TABLE)
      "Filarial infection and dracontiasis")
(SETF (GETHASH '"125.0" ICD9-HASH-TABLE) "Bancroftian filariasis")
(SETF (GETHASH '"125.1" ICD9-HASH-TABLE) "Malayan filariasis")
(SETF (GETHASH '"125.2" ICD9-HASH-TABLE) "Loiasis")
(SETF (GETHASH '"125.3" ICD9-HASH-TABLE) "Onchocerciasis")
(SETF (GETHASH '"125.4" ICD9-HASH-TABLE) "Dipetalonemiasis")
(SETF (GETHASH '"125.5" ICD9-HASH-TABLE) "Mansonella ozzardi infection")
(SETF (GETHASH '"125.6" ICD9-HASH-TABLE) "Other specified filariasis")
(SETF (GETHASH '"125.7" ICD9-HASH-TABLE) "Dracontiasis")
(SETF (GETHASH '"125.9" ICD9-HASH-TABLE) "Unspecified filariasis")
(SETF (GETHASH '"126" ICD9-HASH-TABLE)
      "Ancylostomiasis and necatoriasis")
(SETF (GETHASH '"126.0" ICD9-HASH-TABLE) "Ancylostoma duodenale")
(SETF (GETHASH '"126.1" ICD9-HASH-TABLE) "Necator americanus")
(SETF (GETHASH '"126.2" ICD9-HASH-TABLE) "Ancylostoma braziliense")
(SETF (GETHASH '"126.3" ICD9-HASH-TABLE) "Ancylostoma ceylanicum")
(SETF (GETHASH '"126.8" ICD9-HASH-TABLE) "Other specified Ancylostoma")
(SETF (GETHASH '"126.9" ICD9-HASH-TABLE)
      "Ancylostomiasis and necatoriasis, unspecified")
(SETF (GETHASH '"127" ICD9-HASH-TABLE) "Other intestinal helminthiases")
(SETF (GETHASH '"127.0" ICD9-HASH-TABLE) "Ascariasis")
(SETF (GETHASH '"127.1" ICD9-HASH-TABLE) "Anisakiasis")
(SETF (GETHASH '"127.2" ICD9-HASH-TABLE) "Strongyloidiasis")
(SETF (GETHASH '"127.3" ICD9-HASH-TABLE) "Trichuriasis")
(SETF (GETHASH '"127.4" ICD9-HASH-TABLE) "Enterobiasis")
(SETF (GETHASH '"127.5" ICD9-HASH-TABLE) "Capillariasis")
(SETF (GETHASH '"127.6" ICD9-HASH-TABLE) "Trichostrongyliasis")
(SETF (GETHASH '"127.7" ICD9-HASH-TABLE)
      "Other specified intestinal helminthiasis")
(SETF (GETHASH '"127.8" ICD9-HASH-TABLE)
      "Mixed intestinal helminthiasis")
(SETF (GETHASH '"127.9" ICD9-HASH-TABLE)
      "Intestinal helminthiasis, unspecified")
(SETF (GETHASH '"128" ICD9-HASH-TABLE)
      "Other and unspecified helminthiases")
(SETF (GETHASH '"128.0" ICD9-HASH-TABLE) "Toxocariasis")
(SETF (GETHASH '"128.1" ICD9-HASH-TABLE) "Gnathostomiasis")
(SETF (GETHASH '"128.8" ICD9-HASH-TABLE) "Other specified helminthiasis")
(SETF (GETHASH '"128.9" ICD9-HASH-TABLE)
      "Helminth infection, unspecified")
(SETF (GETHASH '"129" ICD9-HASH-TABLE)
      "Intestinal parasitism, unspecified")
(SETF (GETHASH '"130" ICD9-HASH-TABLE) "Toxoplasmosis")
(SETF (GETHASH '"130.0" ICD9-HASH-TABLE)
      "Meningoencephalitis due to toxoplasmosis")
(SETF (GETHASH '"130.1" ICD9-HASH-TABLE)
      "Conjunctivitis due to toxoplasmosis")
(SETF (GETHASH '"130.2" ICD9-HASH-TABLE)
      "Chorioretinitis due to toxoplasmosis")
(SETF (GETHASH '"130.3" ICD9-HASH-TABLE)
      "Myocarditis due to toxoplasmosis")
(SETF (GETHASH '"130.4" ICD9-HASH-TABLE)
      "Pneumonitis due to toxoplasmosis")
(SETF (GETHASH '"130.5" ICD9-HASH-TABLE)
      "Hepatitis due to toxoplasmosis")
(SETF (GETHASH '"130.7" ICD9-HASH-TABLE)
      "Toxoplasmosis of other specified sites")
(SETF (GETHASH '"130.8" ICD9-HASH-TABLE)
      "Multisystemic disseminated toxoplasmosis")
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(SETF (GETHASH '"130.9" ICD9-HASH-TABLE) "Toxoplasmosis, unspecified")
(SETF (GETHASH '"131" ICD9-HASH-TABLE) "Trichomoniasis")
(SETF (GETHASH '"131.0" ICD9-HASH-TABLE) "Urogenital trichomoniasis")
(SETF (GETHASH '"131.00" ICD9-HASH-TABLE)
      "Urogenital trichomoniasis, unspecified")
(SETF (GETHASH '"131.01" ICD9-HASH-TABLE) "Trichomonal vulvovaginitis")
(SETF (GETHASH '"131.02" ICD9-HASH-TABLE) "Trichomonal urethritis")
(SETF (GETHASH '"131.03" ICD9-HASH-TABLE) "Trichomonal prostatitis")
(SETF (GETHASH '"131.09" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"131.8" ICD9-HASH-TABLE) "Other specified sites")
(SETF (GETHASH '"131.9" ICD9-HASH-TABLE) "Trichomoniasis, unspecified")
(SETF (GETHASH '"132" ICD9-HASH-TABLE)
      "Pediculosis and phthirus infestation")
(SETF (GETHASH '"132.0" ICD9-HASH-TABLE)
      "Pediculus capitis [head louse]")
(SETF (GETHASH '"132.1" ICD9-HASH-TABLE)
      "Pediculus corporis [body louse]")
(SETF (GETHASH '"132.2" ICD9-HASH-TABLE) "Phthirus pubis [pubic louse]")
(SETF (GETHASH '"132.3" ICD9-HASH-TABLE) "Mixed infestation")
(SETF (GETHASH '"132.9" ICD9-HASH-TABLE) "Pediculosis, unspecified")
(SETF (GETHASH '"133" ICD9-HASH-TABLE) "Acariasis")
(SETF (GETHASH '"133.0" ICD9-HASH-TABLE) "Scabies")
(SETF (GETHASH '"133.8" ICD9-HASH-TABLE) "Other acariasis")
(SETF (GETHASH '"133.9" ICD9-HASH-TABLE) "Acariasis, unspecified")
(SETF (GETHASH '"134" ICD9-HASH-TABLE) "Other infestation")
(SETF (GETHASH '"134.0" ICD9-HASH-TABLE) "Myiasis")
(SETF (GETHASH '"134.1" ICD9-HASH-TABLE) "Other arthropod infestation")
(SETF (GETHASH '"134.2" ICD9-HASH-TABLE) "Hirudiniasis")
(SETF (GETHASH '"134.8" ICD9-HASH-TABLE) "Other specified infestations")
(SETF (GETHASH '"134.9" ICD9-HASH-TABLE) "Infestation, unspecified")
(SETF (GETHASH '"135" ICD9-HASH-TABLE) "Sarcoidosis")
(SETF (GETHASH '"136" ICD9-HASH-TABLE)
      "Other and unspecified infectious and parasitic diseases")
(SETF (GETHASH '"136.0" ICD9-HASH-TABLE) "Ainhum")
(SETF (GETHASH '"136.1" ICD9-HASH-TABLE) "Behcet's syndrome")
(SETF (GETHASH '"136.2" ICD9-HASH-TABLE)
      "Specific infections by free-living amebae")
(SETF (GETHASH '"136.3" ICD9-HASH-TABLE) "Pneumocystosis")
(SETF (GETHASH '"136.4" ICD9-HASH-TABLE) "Psorospermiasis")
(SETF (GETHASH '"136.5" ICD9-HASH-TABLE) "Sarcosporidiosis")
(SETF (GETHASH '"136.8" ICD9-HASH-TABLE)
      "Other specified infectious and parasitic diseases")
(SETF (GETHASH '"136.9" ICD9-HASH-TABLE)
      "Unspecified infectious and parasitic diseases")
(SETF (GETHASH '"137" ICD9-HASH-TABLE) "Late effects of tuberculosis")
(SETF (GETHASH '"137.0" ICD9-HASH-TABLE)
      "Late effects of respiratory or unspecified tuberculosis")
(SETF (GETHASH '"137.1" ICD9-HASH-TABLE)
      "Late effects of central nervous system tuberculosis")
(SETF (GETHASH '"137.2" ICD9-HASH-TABLE)
      "Late effects of genitourinary tuberculosis")
(SETF (GETHASH '"137.3" ICD9-HASH-TABLE)
      "Late effects of tuberculosis of bones and joints")
(SETF (GETHASH '"137.4" ICD9-HASH-TABLE)
      "Late effects of tuberculosis of other specified organs")
(SETF (GETHASH '"138" ICD9-HASH-TABLE)
      "Late effects of acute poliomyelitis")
(SETF (GETHASH '"139" ICD9-HASH-TABLE)
      "Late effects of other infectious and parasitic diseases")
(SETF (GETHASH '"139.0" ICD9-HASH-TABLE)
      "Late effects of viral encephalitis")
(SETF (GETHASH '"139.1" ICD9-HASH-TABLE) "Late effects of trachoma")
(SETF (GETHASH '"139.8" ICD9-HASH-TABLE)
      "Late effects of other and unspecified infectious and parasitic diseases")
(SETF (GETHASH '"140" ICD9-HASH-TABLE) "Malignant neoplasm of lip")
(SETF (GETHASH '"140.0" ICD9-HASH-TABLE) "Upper lip, vermilion border")
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(SETF (GETHASH '"140.1" ICD9-HASH-TABLE) "Lower lip, vermilion border")
(SETF (GETHASH '"140.3" ICD9-HASH-TABLE) "Upper lip, inner aspect")
(SETF (GETHASH '"140.4" ICD9-HASH-TABLE) "Lower lip, inner aspect")
(SETF (GETHASH '"140.5" ICD9-HASH-TABLE)
      "Lip, unspecified, inner aspect")
(SETF (GETHASH '"140.6" ICD9-HASH-TABLE) "Commissure of lip")
(SETF (GETHASH '"140.8" ICD9-HASH-TABLE) "Other sites of lip")
(SETF (GETHASH '"140.9" ICD9-HASH-TABLE)
      "Lip, unspecified, vermilion border")
(SETF (GETHASH '"141" ICD9-HASH-TABLE) "Malignant neoplasm of tongue")
(SETF (GETHASH '"141.0" ICD9-HASH-TABLE) "Base of tongue")
(SETF (GETHASH '"141.1" ICD9-HASH-TABLE) "Dorsal surface of tongue")
(SETF (GETHASH '"141.2" ICD9-HASH-TABLE)
      "Tip and lateral border of tongue")
(SETF (GETHASH '"141.3" ICD9-HASH-TABLE) "Ventral surface of tongue")
(SETF (GETHASH '"141.4" ICD9-HASH-TABLE)
      "Anterior two-thirds of tongue, part unspecified")
(SETF (GETHASH '"141.5" ICD9-HASH-TABLE) "Junctional zone")
(SETF (GETHASH '"141.6" ICD9-HASH-TABLE) "Lingual tonsil")
(SETF (GETHASH '"141.8" ICD9-HASH-TABLE) "Other sites of tongue")
(SETF (GETHASH '"141.9" ICD9-HASH-TABLE) "Tongue, unspecified")
(SETF (GETHASH '"142" ICD9-HASH-TABLE)
      "Malignant neoplasm of major salivary glands")
(SETF (GETHASH '"142.0" ICD9-HASH-TABLE) "Parotid gland")
(SETF (GETHASH '"142.1" ICD9-HASH-TABLE) "Submandibular gland")
(SETF (GETHASH '"142.2" ICD9-HASH-TABLE) "Sublingual gland")
(SETF (GETHASH '"142.8" ICD9-HASH-TABLE) "Other major salivary glands")
(SETF (GETHASH '"142.9" ICD9-HASH-TABLE) "Salivary gland, unspecified")
(SETF (GETHASH '"143" ICD9-HASH-TABLE) "Malignant neoplasm of gum")
(SETF (GETHASH '"143.0" ICD9-HASH-TABLE) "Upper gum")
(SETF (GETHASH '"143.1" ICD9-HASH-TABLE) "Lower gum")
(SETF (GETHASH '"143.8" ICD9-HASH-TABLE) "Other sites of gum")
(SETF (GETHASH '"143.9" ICD9-HASH-TABLE) "Gum, unspecified")
(SETF (GETHASH '"144" ICD9-HASH-TABLE)
      "Malignant neoplasm of floor of mouth")
(SETF (GETHASH '"144.0" ICD9-HASH-TABLE) "Anterior portion")
(SETF (GETHASH '"144.1" ICD9-HASH-TABLE) "Lateral portion")
(SETF (GETHASH '"144.8" ICD9-HASH-TABLE) "Other sites of floor of mouth")
(SETF (GETHASH '"144.9" ICD9-HASH-TABLE)
      "Floor of mouth, part unspecified")
(SETF (GETHASH '"145" ICD9-HASH-TABLE)
      "Malignant neoplasm of other and unspecified parts of mouth")
(SETF (GETHASH '"145.0" ICD9-HASH-TABLE) "Cheek mucosa")
(SETF (GETHASH '"145.1" ICD9-HASH-TABLE) "Vestibule of mouth")
(SETF (GETHASH '"145.2" ICD9-HASH-TABLE) "Hard palate")
(SETF (GETHASH '"145.3" ICD9-HASH-TABLE) "Soft palate")
(SETF (GETHASH '"145.4" ICD9-HASH-TABLE) "Uvula")
(SETF (GETHASH '"145.5" ICD9-HASH-TABLE) "Palate, unspecified")
(SETF (GETHASH '"145.6" ICD9-HASH-TABLE) "Retromolar area")
(SETF (GETHASH '"145.8" ICD9-HASH-TABLE)
      "Other specified parts of mouth")
(SETF (GETHASH '"145.9" ICD9-HASH-TABLE) "Mouth, unspecified")
(SETF (GETHASH '"146" ICD9-HASH-TABLE)
      "Malignant neoplasm of oropharynx")
(SETF (GETHASH '"146.0" ICD9-HASH-TABLE) "Tonsil")
(SETF (GETHASH '"146.1" ICD9-HASH-TABLE) "Tonsillar fossa")
(SETF (GETHASH '"146.2" ICD9-HASH-TABLE)
      "Tonsillar pillars (anterior) (posterior)")
(SETF (GETHASH '"146.3" ICD9-HASH-TABLE) "Vallecula")
(SETF (GETHASH '"146.4" ICD9-HASH-TABLE) "Anterior aspect of epiglottis")
(SETF (GETHASH '"146.5" ICD9-HASH-TABLE) "Junctional region")
(SETF (GETHASH '"146.6" ICD9-HASH-TABLE) "Lateral wall of oropharynx")
(SETF (GETHASH '"146.7" ICD9-HASH-TABLE) "Posterior wall of oropharynx")
(SETF (GETHASH '"146.8" ICD9-HASH-TABLE)
      "Other specified sites of oropharynx")
(SETF (GETHASH '"146.9" ICD9-HASH-TABLE) "Oropharynx, unspecified")
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(SETF (GETHASH '"147" ICD9-HASH-TABLE)
      "Malignant neoplasm of nasopharynx")
(SETF (GETHASH '"147.0" ICD9-HASH-TABLE) "Superior wall")
(SETF (GETHASH '"147.1" ICD9-HASH-TABLE) "Posterior wall")
(SETF (GETHASH '"147.2" ICD9-HASH-TABLE) "Lateral wall")
(SETF (GETHASH '"147.3" ICD9-HASH-TABLE) "Anterior wall")
(SETF (GETHASH '"147.8" ICD9-HASH-TABLE)
      "Other specified sites of nasopharynx")
(SETF (GETHASH '"147.9" ICD9-HASH-TABLE) "Nasopharynx, unspecified")
(SETF (GETHASH '"148" ICD9-HASH-TABLE)
      "Malignant neoplasm of hypopharynx")
(SETF (GETHASH '"148.0" ICD9-HASH-TABLE) "Postcricoid region")
(SETF (GETHASH '"148.1" ICD9-HASH-TABLE) "Pyriform sinus")
(SETF (GETHASH '"148.2" ICD9-HASH-TABLE)
      "Aryepiglottic fold, hypopharyngeal aspect")
(SETF (GETHASH '"148.3" ICD9-HASH-TABLE) "Posterior hypopharyngeal wall")
(SETF (GETHASH '"148.8" ICD9-HASH-TABLE)
      "Other specified sites of hypopharynx")
(SETF (GETHASH '"148.9" ICD9-HASH-TABLE) "Hypopharynx, unspecified")
(SETF (GETHASH '"149" ICD9-HASH-TABLE)
      "Malignant neoplasm of other and ill-defined sites within the lip, oral cavity, and pharynx")
(SETF (GETHASH '"149.0" ICD9-HASH-TABLE) "Pharynx, unspecified")
(SETF (GETHASH '"149.1" ICD9-HASH-TABLE) "Waldeyer's ring")
(SETF (GETHASH '"149.8" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"149.9" ICD9-HASH-TABLE) "Ill-defined")
(SETF (GETHASH '"150" ICD9-HASH-TABLE) "Malignant neoplasm of esophagus")
(SETF (GETHASH '"150.0" ICD9-HASH-TABLE) "Cervical esophagus")
(SETF (GETHASH '"150.1" ICD9-HASH-TABLE) "Thoracic esophagus")
(SETF (GETHASH '"150.2" ICD9-HASH-TABLE) "Abdominal esophagus")
(SETF (GETHASH '"150.3" ICD9-HASH-TABLE) "Upper third of esophagus")
(SETF (GETHASH '"150.4" ICD9-HASH-TABLE) "Middle third of esophagus")
(SETF (GETHASH '"150.5" ICD9-HASH-TABLE) "Lower third of esophagus")
(SETF (GETHASH '"150.8" ICD9-HASH-TABLE) "Other specified part")
(SETF (GETHASH '"150.9" ICD9-HASH-TABLE) "Esophagus, unspecified")
(SETF (GETHASH '"151" ICD9-HASH-TABLE) "Malignant neoplasm of stomach")
(SETF (GETHASH '"151.0" ICD9-HASH-TABLE) "Cardia")
(SETF (GETHASH '"151.1" ICD9-HASH-TABLE) "Pylorus")
(SETF (GETHASH '"151.2" ICD9-HASH-TABLE) "Pyloric antrum")
(SETF (GETHASH '"151.3" ICD9-HASH-TABLE) "Fundus of stomach")
(SETF (GETHASH '"151.4" ICD9-HASH-TABLE) "Body of stomach")
(SETF (GETHASH '"151.5" ICD9-HASH-TABLE) "Lesser curvature, unspecified")
(SETF (GETHASH '"151.6" ICD9-HASH-TABLE)
      "Greater curvature, unspecified")
(SETF (GETHASH '"151.8" ICD9-HASH-TABLE)
      "Other specified sites of stomach")
(SETF (GETHASH '"151.9" ICD9-HASH-TABLE) "Stomach, unspecified")
(SETF (GETHASH '"152" ICD9-HASH-TABLE)
      "Malignant neoplasm of small intestine, including duodenum")
(SETF (GETHASH '"152.0" ICD9-HASH-TABLE) "Duodenum")
(SETF (GETHASH '"152.1" ICD9-HASH-TABLE) "Jejunum")
(SETF (GETHASH '"152.2" ICD9-HASH-TABLE) "Ileum")
(SETF (GETHASH '"152.3" ICD9-HASH-TABLE) "Meckel's diverticulum")
(SETF (GETHASH '"152.8" ICD9-HASH-TABLE)
      "Other specified sites of small intestine")
(SETF (GETHASH '"152.9" ICD9-HASH-TABLE) "Small intestine, unspecified")
(SETF (GETHASH '"153" ICD9-HASH-TABLE) "Malignant neoplasm of colon")
(SETF (GETHASH '"153.0" ICD9-HASH-TABLE) "Hepatic flexure")
(SETF (GETHASH '"153.1" ICD9-HASH-TABLE) "Transverse colon")
(SETF (GETHASH '"153.2" ICD9-HASH-TABLE) "Descending colon")
(SETF (GETHASH '"153.3" ICD9-HASH-TABLE) "Sigmoid colon")
(SETF (GETHASH '"153.4" ICD9-HASH-TABLE) "Cecum")
(SETF (GETHASH '"153.5" ICD9-HASH-TABLE) "Appendix")
(SETF (GETHASH '"153.6" ICD9-HASH-TABLE) "Ascending colon")
(SETF (GETHASH '"153.7" ICD9-HASH-TABLE) "Splenic flexure")
(SETF (GETHASH '"153.8" ICD9-HASH-TABLE)
      "Other specified sites of large intestine")
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(SETF (GETHASH '"153.9" ICD9-HASH-TABLE) "Colon, unspecified")
(SETF (GETHASH '"154" ICD9-HASH-TABLE)
      "Malignant neoplasm of rectum, rectosigmoid junction, and anus")
(SETF (GETHASH '"154.0" ICD9-HASH-TABLE) "Rectosigmoid junction")
(SETF (GETHASH '"154.1" ICD9-HASH-TABLE) "Rectum")
(SETF (GETHASH '"154.2" ICD9-HASH-TABLE) "Anal canal")
(SETF (GETHASH '"154.8" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"155" ICD9-HASH-TABLE)
      "Malignant neoplasm of liver and intrahepatic bile ducts")
(SETF (GETHASH '"155.0" ICD9-HASH-TABLE) "Liver, primary")
(SETF (GETHASH '"155.1" ICD9-HASH-TABLE) "Intrahepatic bile ducts")
(SETF (GETHASH '"155.2" ICD9-HASH-TABLE)
      "Liver, not specified as primary or secondary")
(SETF (GETHASH '"156" ICD9-HASH-TABLE)
      "Malignant neoplasm of gallbladder and extrahepatic bile ducts")
(SETF (GETHASH '"156.0" ICD9-HASH-TABLE) "Gallbladder")
(SETF (GETHASH '"156.1" ICD9-HASH-TABLE) "Extrahepatic bile ducts")
(SETF (GETHASH '"156.2" ICD9-HASH-TABLE) "Ampulla of Vater")
(SETF (GETHASH '"156.8" ICD9-HASH-TABLE)
      "Other specified sites of gallbladder and extrahepatic bile ducts")
(SETF (GETHASH '"156.9" ICD9-HASH-TABLE)
      "Biliary tract, part unspecified")
(SETF (GETHASH '"157" ICD9-HASH-TABLE) "Malignant neoplasm of pancreas")
(SETF (GETHASH '"157.0" ICD9-HASH-TABLE) "Head of pancreas")
(SETF (GETHASH '"157.1" ICD9-HASH-TABLE) "Body of pancreas")
(SETF (GETHASH '"157.2" ICD9-HASH-TABLE) "Tail of pancreas")
(SETF (GETHASH '"157.3" ICD9-HASH-TABLE) "Pancreatic duct")
(SETF (GETHASH '"157.4" ICD9-HASH-TABLE) "Islets of Langerhans")
(SETF (GETHASH '"157.8" ICD9-HASH-TABLE)
      "Other specified sites of pancreas")
(SETF (GETHASH '"157.9" ICD9-HASH-TABLE) "Pancreas, part unspecified")
(SETF (GETHASH '"158" ICD9-HASH-TABLE)
      "Malignant neoplasm of retroperitoneum and peritoneum")
(SETF (GETHASH '"158.0" ICD9-HASH-TABLE) "Retroperitoneum")
(SETF (GETHASH '"158.8" ICD9-HASH-TABLE) "Specified parts of peritoneum")
(SETF (GETHASH '"158.9" ICD9-HASH-TABLE) "Peritoneum, unspecified")
(SETF (GETHASH '"159" ICD9-HASH-TABLE)
      "Malignant neoplasm of other and ill-defined sites within the digestive organs and peritoneum")
(SETF (GETHASH '"159.0" ICD9-HASH-TABLE)
      "Intestinal tract, part unspecified")
(SETF (GETHASH '"159.1" ICD9-HASH-TABLE)
      "Spleen, not elsewhere classified")
(SETF (GETHASH '"159.8" ICD9-HASH-TABLE)
      "Other sites of digestive system and intra-abdominal organs")
(SETF (GETHASH '"159.9" ICD9-HASH-TABLE) "Ill-defined")
(SETF (GETHASH '"160" ICD9-HASH-TABLE)
      "Malignant neoplasm of nasal cavities, middle ear, and accessory sinuses")
(SETF (GETHASH '"160.0" ICD9-HASH-TABLE) "Nasal cavities")
(SETF (GETHASH '"160.1" ICD9-HASH-TABLE)
      "Auditory tube, middle ear, and mastoid air cells")
(SETF (GETHASH '"160.2" ICD9-HASH-TABLE) "Maxillary sinus")
(SETF (GETHASH '"160.3" ICD9-HASH-TABLE) "Ethmoidal sinus")
(SETF (GETHASH '"160.4" ICD9-HASH-TABLE) "Frontal sinus")
(SETF (GETHASH '"160.5" ICD9-HASH-TABLE) "Sphenoidal sinus")
(SETF (GETHASH '"160.8" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"160.9" ICD9-HASH-TABLE) "Accessory sinus, unspecified")
(SETF (GETHASH '"161" ICD9-HASH-TABLE) "Malignant neoplasm of larynx")
(SETF (GETHASH '"161.0" ICD9-HASH-TABLE) "Glottis")
(SETF (GETHASH '"161.1" ICD9-HASH-TABLE) "Supraglottis")
(SETF (GETHASH '"161.2" ICD9-HASH-TABLE) "Subglottis")
(SETF (GETHASH '"161.3" ICD9-HASH-TABLE) "Laryngeal cartilages")
(SETF (GETHASH '"161.8" ICD9-HASH-TABLE)
      "Other specified sites of larynx")
(SETF (GETHASH '"161.9" ICD9-HASH-TABLE) "Larynx, unspecified")
(SETF (GETHASH '"162" ICD9-HASH-TABLE)
      "Malignant neoplasm of trachea, bronchus, and lung")
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(SETF (GETHASH '"162.0" ICD9-HASH-TABLE) "Trachea")
(SETF (GETHASH '"162.2" ICD9-HASH-TABLE) "Main bronchus")
(SETF (GETHASH '"162.3" ICD9-HASH-TABLE) "Upper lobe, bronchus or lung")
(SETF (GETHASH '"162.4" ICD9-HASH-TABLE) "Middle lobe, bronchus or lung")
(SETF (GETHASH '"162.8" ICD9-HASH-TABLE)
      "Other parts of bronchus or lung")
(SETF (GETHASH '"162.9" ICD9-HASH-TABLE)
      "Bronchus and lung, unspecified")
(SETF (GETHASH '"163" ICD9-HASH-TABLE) "Malignant neoplasm of pleura")
(SETF (GETHASH '"163.0" ICD9-HASH-TABLE) "Parietal pleura")
(SETF (GETHASH '"163.1" ICD9-HASH-TABLE) "Visceral pleura")
(SETF (GETHASH '"163.8" ICD9-HASH-TABLE)
      "Other specified sites of pleura")
(SETF (GETHASH '"163.9" ICD9-HASH-TABLE) "Pleura, unspecified")
(SETF (GETHASH '"164" ICD9-HASH-TABLE)
      "Malignant neoplasm of thymus, heart, and mediastinum")
(SETF (GETHASH '"164.0" ICD9-HASH-TABLE) "Thymus")
(SETF (GETHASH '"164.1" ICD9-HASH-TABLE) "Heart")
(SETF (GETHASH '"164.2" ICD9-HASH-TABLE) "Anterior mediastinum")
(SETF (GETHASH '"164.3" ICD9-HASH-TABLE) "Posterior mediastinum")
(SETF (GETHASH '"164.8" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"164.9" ICD9-HASH-TABLE) "Mediastinum, part unspecified")
(SETF (GETHASH '"165" ICD9-HASH-TABLE)
      "Malignant neoplasm of other and ill-defined sites within the respiratory system and intrathoracic organs")
(SETF (GETHASH '"165.0" ICD9-HASH-TABLE)
      "Upper respiratory tract, part unspecified")
(SETF (GETHASH '"165.8" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"165.9" ICD9-HASH-TABLE)
      "Ill-defined sites within the respiratory system")
(SETF (GETHASH '"170" ICD9-HASH-TABLE)
      "Malignant neoplasm of bone and articular cartilage")
(SETF (GETHASH '"170.0" ICD9-HASH-TABLE)
      "Bones of skull and face, except mandible")
(SETF (GETHASH '"170.1" ICD9-HASH-TABLE) "Mandible")
(SETF (GETHASH '"170.2" ICD9-HASH-TABLE)
      "Vertebral column, excluding sacrum and coccyx")
(SETF (GETHASH '"170.3" ICD9-HASH-TABLE) "Ribs, sternum, and clavicle")
(SETF (GETHASH '"170.4" ICD9-HASH-TABLE)
      "Scapula and long bones of upper limb")
(SETF (GETHASH '"170.5" ICD9-HASH-TABLE) "Short bones of upper limb")
(SETF (GETHASH '"170.6" ICD9-HASH-TABLE)
      "Pelvic bones, sacrum, and coccyx")
(SETF (GETHASH '"170.7" ICD9-HASH-TABLE) "Long bones of lower limb")
(SETF (GETHASH '"170.8" ICD9-HASH-TABLE) "Short bones of lower limb")
(SETF (GETHASH '"170.9" ICD9-HASH-TABLE)
      "Bone and articular cartilage, site unspecified")
(SETF (GETHASH '"171" ICD9-HASH-TABLE)
      "Malignant neoplasm of connective and other soft tissue")
(SETF (GETHASH '"171.0" ICD9-HASH-TABLE) "Head, face, and neck")
(SETF (GETHASH '"171.2" ICD9-HASH-TABLE)
      "Upper limb, including shoulder")
(SETF (GETHASH '"171.3" ICD9-HASH-TABLE) "Lower limb, including hip")
(SETF (GETHASH '"171.4" ICD9-HASH-TABLE) "Thorax")
(SETF (GETHASH '"171.5" ICD9-HASH-TABLE) "Abdomen")
(SETF (GETHASH '"171.6" ICD9-HASH-TABLE) "Pelvis")
(SETF (GETHASH '"171.7" ICD9-HASH-TABLE) "Trunk, unspecified")
(SETF (GETHASH '"171.8" ICD9-HASH-TABLE)
      "Other specified sites of connective and other soft tissue")
(SETF (GETHASH '"171.9" ICD9-HASH-TABLE)
      "Connective and other soft tissue, site unspecified")
(SETF (GETHASH '"172" ICD9-HASH-TABLE) "Malignant melanoma of skin")
(SETF (GETHASH '"172.0" ICD9-HASH-TABLE) "Lip")
(SETF (GETHASH '"172.1" ICD9-HASH-TABLE) "Eyelid, including canthus")
(SETF (GETHASH '"172.2" ICD9-HASH-TABLE)
      "Ear and external auditory canal")
(SETF (GETHASH '"172.3" ICD9-HASH-TABLE)
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      "Other and unspecified parts of face")
(SETF (GETHASH '"172.4" ICD9-HASH-TABLE) "Scalp and neck")
(SETF (GETHASH '"172.5" ICD9-HASH-TABLE) "Trunk, except scrotum")
(SETF (GETHASH '"172.6" ICD9-HASH-TABLE)
      "Upper limb, including shoulder")
(SETF (GETHASH '"172.7" ICD9-HASH-TABLE) "Lower limb, including hip")
(SETF (GETHASH '"172.8" ICD9-HASH-TABLE) "Other specified sites of skin")
(SETF (GETHASH '"173" ICD9-HASH-TABLE)
      "Other malignant neoplasm of skin")
(SETF (GETHASH '"173.0" ICD9-HASH-TABLE) "Skin of lip")
(SETF (GETHASH '"173.1" ICD9-HASH-TABLE) "Eyelid, including canthus")
(SETF (GETHASH '"173.2" ICD9-HASH-TABLE)
      "Skin of ear and external auditory canal")
(SETF (GETHASH '"173.3" ICD9-HASH-TABLE)
      "Skin of other and unspecified parts of face")
(SETF (GETHASH '"173.4" ICD9-HASH-TABLE) "Scalp and skin of neck")
(SETF (GETHASH '"173.5" ICD9-HASH-TABLE) "Skin of trunk, except scrotum")
(SETF (GETHASH '"173.6" ICD9-HASH-TABLE)
      "Skin of upper limb, including shoulder")
(SETF (GETHASH '"173.7" ICD9-HASH-TABLE)
      "Skin of lower limb, including hip")
(SETF (GETHASH '"173.8" ICD9-HASH-TABLE) "Other specified sites of skin")
(SETF (GETHASH '"173.9" ICD9-HASH-TABLE) "Skin, site unspecified")
(SETF (GETHASH '"174" ICD9-HASH-TABLE)
      "Malignant neoplasm of female breast")
(SETF (GETHASH '"174.0" ICD9-HASH-TABLE) "Nipple and areola")
(SETF (GETHASH '"174.1" ICD9-HASH-TABLE) "Central portion")
(SETF (GETHASH '"174.2" ICD9-HASH-TABLE) "Upper-inner quadrant")
(SETF (GETHASH '"174.3" ICD9-HASH-TABLE) "Lower-inner quadrant")
(SETF (GETHASH '"174.4" ICD9-HASH-TABLE) "Upper-outer quadrant")
(SETF (GETHASH '"174.5" ICD9-HASH-TABLE) "Lower-outer quadrant")
(SETF (GETHASH '"174.6" ICD9-HASH-TABLE) "Axillary tail")
(SETF (GETHASH '"174.8" ICD9-HASH-TABLE)
      "Other specified sites of female breast")
(SETF (GETHASH '"174.9" ICD9-HASH-TABLE) "Breast (female), unspecified")
(SETF (GETHASH '"175" ICD9-HASH-TABLE)
      "Malignant neoplasm of male breast")
(SETF (GETHASH '"175.0" ICD9-HASH-TABLE) "Nipple and areola")
(SETF (GETHASH '"175.9" ICD9-HASH-TABLE)
      "Other and unspecified sites of male breast")
(SETF (GETHASH '"176" ICD9-HASH-TABLE) "Kaposi's sarcoma")
(SETF (GETHASH '"176.0" ICD9-HASH-TABLE) "Skin")
(SETF (GETHASH '"176.1" ICD9-HASH-TABLE) "Soft tissue")
(SETF (GETHASH '"176.2" ICD9-HASH-TABLE) "Palate")
(SETF (GETHASH '"176.3" ICD9-HASH-TABLE) "Gastrointestinal sites")
(SETF (GETHASH '"176.4" ICD9-HASH-TABLE) "Lung")
(SETF (GETHASH '"176.5" ICD9-HASH-TABLE) "Lymph nodes")
(SETF (GETHASH '"176.8" ICD9-HASH-TABLE) "Other specified sites")
(SETF (GETHASH '"176.9" ICD9-HASH-TABLE) "Unspecified")
(SETF (GETHASH '"179" ICD9-HASH-TABLE)
      "Malignant neoplasm of uterus, part unspecified")
(SETF (GETHASH '"180" ICD9-HASH-TABLE)
      "Malignant neoplasm of cervix uteri")
(SETF (GETHASH '"180.0" ICD9-HASH-TABLE) "Endocervix")
(SETF (GETHASH '"180.1" ICD9-HASH-TABLE) "Exocervix")
(SETF (GETHASH '"180.8" ICD9-HASH-TABLE)
      "Other specified sites of cervix")
(SETF (GETHASH '"180.9" ICD9-HASH-TABLE) "Cervix uteri, unspecified")
(SETF (GETHASH '"181" ICD9-HASH-TABLE) "Malignant neoplasm of placenta")
(SETF (GETHASH '"182" ICD9-HASH-TABLE)
      "Malignant neoplasm of body of uterus")
(SETF (GETHASH '"182.0" ICD9-HASH-TABLE) "Corpus uteri, except isthmus")
(SETF (GETHASH '"182.1" ICD9-HASH-TABLE) "Isthmus")
(SETF (GETHASH '"182.8" ICD9-HASH-TABLE)
      "Other specified sites of body of uterus")
(SETF (GETHASH '"183" ICD9-HASH-TABLE)
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      "Malignant neoplasm of ovary and other uterine adnexa")
(SETF (GETHASH '"183.0" ICD9-HASH-TABLE) "Ovary")
(SETF (GETHASH '"183.2" ICD9-HASH-TABLE) "Fallopian tube")
(SETF (GETHASH '"183.3" ICD9-HASH-TABLE) "Broad ligament")
(SETF (GETHASH '"183.4" ICD9-HASH-TABLE) "Parametrium")
(SETF (GETHASH '"183.5" ICD9-HASH-TABLE) "Round ligament")
(SETF (GETHASH '"183.8" ICD9-HASH-TABLE)
      "Other specified sites of uterine adnexa")
(SETF (GETHASH '"183.9" ICD9-HASH-TABLE) "Uterine adnexa, unspecified")
(SETF (GETHASH '"184" ICD9-HASH-TABLE)
      "Malignant neoplasm of other and unspecified female genital organs")
(SETF (GETHASH '"184.0" ICD9-HASH-TABLE) "Vagina")
(SETF (GETHASH '"184.1" ICD9-HASH-TABLE) "Labia majora")
(SETF (GETHASH '"184.2" ICD9-HASH-TABLE) "Labia minora")
(SETF (GETHASH '"184.3" ICD9-HASH-TABLE) "Clitoris")
(SETF (GETHASH '"184.4" ICD9-HASH-TABLE) "Vulva, unspecified")
(SETF (GETHASH '"184.8" ICD9-HASH-TABLE)
      "Other specified sites of female genital organs")
(SETF (GETHASH '"184.9" ICD9-HASH-TABLE)
      "Female genital organ, site unspecified")
(SETF (GETHASH '"185" ICD9-HASH-TABLE) "Malignant neoplasm of prostate")
(SETF (GETHASH '"186" ICD9-HASH-TABLE) "Malignant neoplasm of testis")
(SETF (GETHASH '"186.0" ICD9-HASH-TABLE) "Undescended testis")
(SETF (GETHASH '"186.9" ICD9-HASH-TABLE) "Other and unspecified testis")
(SETF (GETHASH '"187" ICD9-HASH-TABLE)
      "Malignant neoplasm of penis and other male genital organs")
(SETF (GETHASH '"187.1" ICD9-HASH-TABLE) "Prepuce")
(SETF (GETHASH '"187.2" ICD9-HASH-TABLE) "Glans penis")
(SETF (GETHASH '"187.3" ICD9-HASH-TABLE) "Body of penis")
(SETF (GETHASH '"187.4" ICD9-HASH-TABLE) "Penis, part unspecified")
(SETF (GETHASH '"187.5" ICD9-HASH-TABLE) "Epididymis")
(SETF (GETHASH '"187.6" ICD9-HASH-TABLE) "Spermatic cord")
(SETF (GETHASH '"187.7" ICD9-HASH-TABLE) "Scrotum")
(SETF (GETHASH '"187.8" ICD9-HASH-TABLE)
      "Other specified sites of male genital organs")
(SETF (GETHASH '"187.9" ICD9-HASH-TABLE)
      "Male genital organ, site unspecified")
(SETF (GETHASH '"188" ICD9-HASH-TABLE) "Malignant neoplasm of bladder")
(SETF (GETHASH '"188.0" ICD9-HASH-TABLE) "Trigone of urinary bladder")
(SETF (GETHASH '"188.1" ICD9-HASH-TABLE) "Dome of urinary bladder")
(SETF (GETHASH '"188.2" ICD9-HASH-TABLE)
      "Lateral wall of urinary bladder")
(SETF (GETHASH '"188.3" ICD9-HASH-TABLE)
      "Anterior wall of urinary bladder")
(SETF (GETHASH '"188.5" ICD9-HASH-TABLE) "Bladder neck")
(SETF (GETHASH '"188.6" ICD9-HASH-TABLE) "Ureteric orifice")
(SETF (GETHASH '"188.7" ICD9-HASH-TABLE) "Urachus")
(SETF (GETHASH '"188.8" ICD9-HASH-TABLE)
      "Other specified sites of bladder")
(SETF (GETHASH '"188.9" ICD9-HASH-TABLE) "Bladder, part unspecified")
(SETF (GETHASH '"189" ICD9-HASH-TABLE)
      "Malignant neoplasm of kidney and other and unspecified urinary organs")
(SETF (GETHASH '"189.0" ICD9-HASH-TABLE) "Kidney, except pelvis")
(SETF (GETHASH '"189.1" ICD9-HASH-TABLE) "Renal pelvis")
(SETF (GETHASH '"189.2" ICD9-HASH-TABLE) "Ureter")
(SETF (GETHASH '"189.3" ICD9-HASH-TABLE) "Urethra")
(SETF (GETHASH '"189.4" ICD9-HASH-TABLE) "Paraurethral glands")
(SETF (GETHASH '"189.8" ICD9-HASH-TABLE)
      "Other specified sites of urinary organs")
(SETF (GETHASH '"189.9" ICD9-HASH-TABLE)
      "Urinary organ, site unspecified")
(SETF (GETHASH '"190" ICD9-HASH-TABLE) "Malignant neoplasm of eye")
(SETF (GETHASH '"190.0" ICD9-HASH-TABLE)
      "Eyeball, except conjunctiva, cornea, retina, and choroid")
(SETF (GETHASH '"190.1" ICD9-HASH-TABLE) "Orbit")
(SETF (GETHASH '"190.2" ICD9-HASH-TABLE) "Lacrimal gland")
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(SETF (GETHASH '"190.3" ICD9-HASH-TABLE) "Conjunctiva")
(SETF (GETHASH '"190.4" ICD9-HASH-TABLE) "Cornea")
(SETF (GETHASH '"190.5" ICD9-HASH-TABLE) "Retina")
(SETF (GETHASH '"190.6" ICD9-HASH-TABLE) "Choroid")
(SETF (GETHASH '"190.7" ICD9-HASH-TABLE) "Lacrimal duct")
(SETF (GETHASH '"190.8" ICD9-HASH-TABLE) "Other specified sites of eye")
(SETF (GETHASH '"190.9" ICD9-HASH-TABLE) "Eye, part unspecified")
(SETF (GETHASH '"191" ICD9-HASH-TABLE) "Malignant neoplasm of brain")
(SETF (GETHASH '"191.0" ICD9-HASH-TABLE)
      "Cerebrum, except lobes and ventricles")
(SETF (GETHASH '"191.1" ICD9-HASH-TABLE) "Frontal lobe")
(SETF (GETHASH '"191.2" ICD9-HASH-TABLE) "Temporal lobe")
(SETF (GETHASH '"191.3" ICD9-HASH-TABLE) "Parietal lobe")
(SETF (GETHASH '"191.4" ICD9-HASH-TABLE) "Occipital lobe")
(SETF (GETHASH '"191.5" ICD9-HASH-TABLE) "Ventricles")
(SETF (GETHASH '"191.6" ICD9-HASH-TABLE) "Cerebellum NOS")
(SETF (GETHASH '"191.7" ICD9-HASH-TABLE) "Brain stem")
(SETF (GETHASH '"191.8" ICD9-HASH-TABLE) "Other parts of brain")
(SETF (GETHASH '"191.9" ICD9-HASH-TABLE) "Brain, unspecified")
(SETF (GETHASH '"192" ICD9-HASH-TABLE)
      "Malignant neoplasm of other and unspecified parts of nervous system")
(SETF (GETHASH '"192.0" ICD9-HASH-TABLE) "Cranial nerves")
(SETF (GETHASH '"192.1" ICD9-HASH-TABLE) "Cerebral meninges")
(SETF (GETHASH '"192.2" ICD9-HASH-TABLE) "Spinal cord")
(SETF (GETHASH '"192.3" ICD9-HASH-TABLE) "Spinal meninges")
(SETF (GETHASH '"192.8" ICD9-HASH-TABLE)
      "Other specified sites of nervous system")
(SETF (GETHASH '"192.9" ICD9-HASH-TABLE)
      "Nervous system, part unspecified")
(SETF (GETHASH '"193" ICD9-HASH-TABLE)
      "Malignant neoplasm of thyroid gland")
(SETF (GETHASH '"194" ICD9-HASH-TABLE)
      "Malignant neoplasm of other endocrine glands and related structures")
(SETF (GETHASH '"194.0" ICD9-HASH-TABLE) "Adrenal gland")
(SETF (GETHASH '"194.1" ICD9-HASH-TABLE) "Parathyroid gland")
(SETF (GETHASH '"194.3" ICD9-HASH-TABLE)
      "Pituitary gland and craniopharyngeal duct")
(SETF (GETHASH '"194.4" ICD9-HASH-TABLE) "Pineal gland")
(SETF (GETHASH '"194.5" ICD9-HASH-TABLE) "Carotid body")
(SETF (GETHASH '"194.6" ICD9-HASH-TABLE)
      "Aortic body and other paraganglia")
(SETF (GETHASH '"194.8" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"194.9" ICD9-HASH-TABLE)
      "Endocrine gland, site unspecified")
(SETF (GETHASH '"195" ICD9-HASH-TABLE)
      "Malignant neoplasm of other and ill-defined sites")
(SETF (GETHASH '"195.0" ICD9-HASH-TABLE) "Head, face, and neck")
(SETF (GETHASH '"195.1" ICD9-HASH-TABLE) "Thorax")
(SETF (GETHASH '"195.2" ICD9-HASH-TABLE) "Abdomen")
(SETF (GETHASH '"195.3" ICD9-HASH-TABLE) "Pelvis")
(SETF (GETHASH '"195.4" ICD9-HASH-TABLE) "Upper limb")
(SETF (GETHASH '"195.5" ICD9-HASH-TABLE) "Lower limb")
(SETF (GETHASH '"195.8" ICD9-HASH-TABLE) "Other specified sites")
(SETF (GETHASH '"196" ICD9-HASH-TABLE)
      "Secondary and unspecified malignant neoplasm of lymph nodes")
(SETF (GETHASH '"196.0" ICD9-HASH-TABLE)
      "Lymph nodes of head, face, and neck")
(SETF (GETHASH '"196.1" ICD9-HASH-TABLE) "Intrathoracic lymph nodes")
(SETF (GETHASH '"196.2" ICD9-HASH-TABLE) "Intra-abdominal lymph nodes")
(SETF (GETHASH '"196.3" ICD9-HASH-TABLE)
      "Lymph nodes of axilla and upper limb")
(SETF (GETHASH '"196.5" ICD9-HASH-TABLE)
      "Lymph nodes of inguinal region and lower limb")
(SETF (GETHASH '"196.6" ICD9-HASH-TABLE) "Intrapelvic lymph nodes")
(SETF (GETHASH '"196.8" ICD9-HASH-TABLE) "Lymph nodes of multiple sites")
(SETF (GETHASH '"196.9" ICD9-HASH-TABLE) "Site unspecified")
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(SETF (GETHASH '"197" ICD9-HASH-TABLE)
      "Secondary malignant neoplasm of respiratory and digestive systems")
(SETF (GETHASH '"197.0" ICD9-HASH-TABLE) "Lung")
(SETF (GETHASH '"197.1" ICD9-HASH-TABLE) "Mediastinum")
(SETF (GETHASH '"197.2" ICD9-HASH-TABLE) "Pleura")
(SETF (GETHASH '"197.3" ICD9-HASH-TABLE) "Other respiratory organs")
(SETF (GETHASH '"197.4" ICD9-HASH-TABLE)
      "Small intestine, including duodenum")
(SETF (GETHASH '"197.5" ICD9-HASH-TABLE) "Large intestine and rectum")
(SETF (GETHASH '"197.6" ICD9-HASH-TABLE)
      "Retroperitoneum and peritoneum")
(SETF (GETHASH '"197.7" ICD9-HASH-TABLE) "Liver, specified as secondary")
(SETF (GETHASH '"197.8" ICD9-HASH-TABLE)
      "Other digestive organs and spleen")
(SETF (GETHASH '"198" ICD9-HASH-TABLE)
      "Secondary malignant neoplasm of other specified sites")
(SETF (GETHASH '"198.0" ICD9-HASH-TABLE) "Kidney")
(SETF (GETHASH '"198.1" ICD9-HASH-TABLE) "Other urinary organs")
(SETF (GETHASH '"198.2" ICD9-HASH-TABLE) "Skin")
(SETF (GETHASH '"198.3" ICD9-HASH-TABLE) "Brain and spinal cord")
(SETF (GETHASH '"198.4" ICD9-HASH-TABLE) "Other parts of nervous system")
(SETF (GETHASH '"198.5" ICD9-HASH-TABLE) "Bone and bone marrow")
(SETF (GETHASH '"198.6" ICD9-HASH-TABLE) "Ovary")
(SETF (GETHASH '"198.7" ICD9-HASH-TABLE) "Adrenal gland")
(SETF (GETHASH '"198.8" ICD9-HASH-TABLE) "Other specified sites")
(SETF (GETHASH '"198.81" ICD9-HASH-TABLE) "Breast")
(SETF (GETHASH '"198.82" ICD9-HASH-TABLE) "Genital organs")
(SETF (GETHASH '"198.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"199" ICD9-HASH-TABLE)
      "Malignant neoplasm without specification of site")
(SETF (GETHASH '"199.0" ICD9-HASH-TABLE) "Disseminated")
(SETF (GETHASH '"199.1" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"200" ICD9-HASH-TABLE)
      "Lymphosarcoma and reticulosarcoma")
(SETF (GETHASH '"200.0" ICD9-HASH-TABLE) "Reticulosarcoma")
(SETF (GETHASH '"200.1" ICD9-HASH-TABLE) "Lymphosarcoma")
(SETF (GETHASH '"200.2" ICD9-HASH-TABLE) "Burkitt's tumor or lymphoma")
(SETF (GETHASH '"200.8" ICD9-HASH-TABLE) "Other named variants")
(SETF (GETHASH '"201" ICD9-HASH-TABLE) "Hodgkin's disease")
(SETF (GETHASH '"201.0" ICD9-HASH-TABLE) "Hodgkin's paragranuloma")
(SETF (GETHASH '"201.1" ICD9-HASH-TABLE) "Hodgkin's granuloma")
(SETF (GETHASH '"201.2" ICD9-HASH-TABLE) "Hodgkin's sarcoma")
(SETF (GETHASH '"201.4" ICD9-HASH-TABLE)
      "Lymphocytic-histiocytic predominance")
(SETF (GETHASH '"201.5" ICD9-HASH-TABLE) "Nodular sclerosis")
(SETF (GETHASH '"201.6" ICD9-HASH-TABLE) "Mixed cellularity")
(SETF (GETHASH '"201.7" ICD9-HASH-TABLE) "Lymphocytic depletion")
(SETF (GETHASH '"201.9" ICD9-HASH-TABLE)
      "Hodgkin's disease, unspecified")
(SETF (GETHASH '"202" ICD9-HASH-TABLE)
      "Other malignant neoplasms of lymphoid and histiocytic tissue")
(SETF (GETHASH '"202.0" ICD9-HASH-TABLE) "Nodular lymphoma")
(SETF (GETHASH '"202.1" ICD9-HASH-TABLE) "Mycosis fungoides")
(SETF (GETHASH '"202.2" ICD9-HASH-TABLE) "S,zary's disease")
(SETF (GETHASH '"202.3" ICD9-HASH-TABLE) "Malignant histiocytosis")
(SETF (GETHASH '"202.4" ICD9-HASH-TABLE)
      "Leukemic reticuloendotheliosis")
(SETF (GETHASH '"202.5" ICD9-HASH-TABLE) "Letterer-Siwe disease")
(SETF (GETHASH '"202.6" ICD9-HASH-TABLE) "Malignant mast cell tumors")
(SETF (GETHASH '"202.8" ICD9-HASH-TABLE) "Other lymphomas")
(SETF (GETHASH '"202.9" ICD9-HASH-TABLE)
      "Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue")
(SETF (GETHASH '"203" ICD9-HASH-TABLE)
      "Multiple myeloma and immunoproliferative neoplasms")
(SETF (GETHASH '"203.0" ICD9-HASH-TABLE) "Multiple myeloma")
(SETF (GETHASH '"203.1" ICD9-HASH-TABLE) "Plasma cell leukemia")
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(SETF (GETHASH '"203.8" ICD9-HASH-TABLE)
      "Other immunoproliferative neoplasms")
(SETF (GETHASH '"204" ICD9-HASH-TABLE) "Lymphoid leukemia")
(SETF (GETHASH '"204.0" ICD9-HASH-TABLE) "Acute")
(SETF (GETHASH '"204.1" ICD9-HASH-TABLE) "Chronic")
(SETF (GETHASH '"204.2" ICD9-HASH-TABLE) "Subacute")
(SETF (GETHASH '"204.8" ICD9-HASH-TABLE) "Other lymphoid leukemia")
(SETF (GETHASH '"204.9" ICD9-HASH-TABLE) "Unspecified lymphoid leukemia")
(SETF (GETHASH '"205" ICD9-HASH-TABLE) "Myeloid leukemia")
(SETF (GETHASH '"205.0" ICD9-HASH-TABLE) "Acute")
(SETF (GETHASH '"205.1" ICD9-HASH-TABLE) "Chronic")
(SETF (GETHASH '"205.2" ICD9-HASH-TABLE) "Subacute")
(SETF (GETHASH '"205.3" ICD9-HASH-TABLE) "Myeloid sarcoma")
(SETF (GETHASH '"205.8" ICD9-HASH-TABLE) "Other myeloid leukemia")
(SETF (GETHASH '"205.9" ICD9-HASH-TABLE) "Unspecified myeloid leukemia")
(SETF (GETHASH '"206" ICD9-HASH-TABLE) "Monocytic leukemia")
(SETF (GETHASH '"206.0" ICD9-HASH-TABLE) "Acute")
(SETF (GETHASH '"206.1" ICD9-HASH-TABLE) "Chronic")
(SETF (GETHASH '"206.2" ICD9-HASH-TABLE) "Subacute")
(SETF (GETHASH '"206.8" ICD9-HASH-TABLE) "Other monocytic leukemia")
(SETF (GETHASH '"206.9" ICD9-HASH-TABLE)
      "Unspecified monocytic leukemia")
(SETF (GETHASH '"207" ICD9-HASH-TABLE) "Other specified leukemia")
(SETF (GETHASH '"207.0" ICD9-HASH-TABLE)
      "Acute erythremia and erythroleukemia")
(SETF (GETHASH '"207.1" ICD9-HASH-TABLE) "Chronic erythremia")
(SETF (GETHASH '"207.2" ICD9-HASH-TABLE) "Megakaryocytic leukemia")
(SETF (GETHASH '"207.8" ICD9-HASH-TABLE) "Other specified leukemia")
(SETF (GETHASH '"208" ICD9-HASH-TABLE)
      "Leukemia of unspecified cell type")
(SETF (GETHASH '"208.0" ICD9-HASH-TABLE) "Acute")
(SETF (GETHASH '"208.1" ICD9-HASH-TABLE) "Chronic")
(SETF (GETHASH '"208.2" ICD9-HASH-TABLE) "Subacute")
(SETF (GETHASH '"208.8" ICD9-HASH-TABLE)
      "Other leukemia of unspecified cell type")
(SETF (GETHASH '"208.9" ICD9-HASH-TABLE) "Unspecified leukemia")
(SETF (GETHASH '"210" ICD9-HASH-TABLE)
      "Benign neoplasm of lip, oral cavity, and pharynx")
(SETF (GETHASH '"210.0" ICD9-HASH-TABLE) "Lip")
(SETF (GETHASH '"210.1" ICD9-HASH-TABLE) "Tongue")
(SETF (GETHASH '"210.2" ICD9-HASH-TABLE) "Major salivary glands")
(SETF (GETHASH '"210.3" ICD9-HASH-TABLE) "Floor of mouth")
(SETF (GETHASH '"210.4" ICD9-HASH-TABLE)
      "Other and unspecified parts of mouth")
(SETF (GETHASH '"210.5" ICD9-HASH-TABLE) "Tonsil")
(SETF (GETHASH '"210.6" ICD9-HASH-TABLE) "Other parts of oropharynx")
(SETF (GETHASH '"210.7" ICD9-HASH-TABLE) "Nasopharynx")
(SETF (GETHASH '"210.8" ICD9-HASH-TABLE) "Hypopharynx")
(SETF (GETHASH '"210.9" ICD9-HASH-TABLE) "Pharynx, unspecified")
(SETF (GETHASH '"211" ICD9-HASH-TABLE)
      "Benign neoplasm of other parts of digestive system")
(SETF (GETHASH '"211.0" ICD9-HASH-TABLE) "Esophagus")
(SETF (GETHASH '"211.1" ICD9-HASH-TABLE) "Stomach")
(SETF (GETHASH '"211.2" ICD9-HASH-TABLE) "Duodenum, jejunum, and ileum")
(SETF (GETHASH '"211.3" ICD9-HASH-TABLE) "Colon")
(SETF (GETHASH '"211.4" ICD9-HASH-TABLE) "Rectum and anal canal")
(SETF (GETHASH '"211.5" ICD9-HASH-TABLE) "Liver and biliary passages")
(SETF (GETHASH '"211.6" ICD9-HASH-TABLE)
      "Pancreas, except islets of Langerhans")
(SETF (GETHASH '"211.7" ICD9-HASH-TABLE) "Islets of Langerhans")
(SETF (GETHASH '"211.8" ICD9-HASH-TABLE)
      "Retroperitoneum and peritoneum")
(SETF (GETHASH '"211.9" ICD9-HASH-TABLE) "Other and unspecified site")
(SETF (GETHASH '"212" ICD9-HASH-TABLE)
      "Benign neoplasm of respiratory and intrathoracic organs")
(SETF (GETHASH '"212.0" ICD9-HASH-TABLE)
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      "Nasal cavities, middle ear, and accessory sinuses")
(SETF (GETHASH '"212.1" ICD9-HASH-TABLE) "Larynx")
(SETF (GETHASH '"212.2" ICD9-HASH-TABLE) "Trachea")
(SETF (GETHASH '"212.3" ICD9-HASH-TABLE) "Bronchus and lung")
(SETF (GETHASH '"212.4" ICD9-HASH-TABLE) "Pleura")
(SETF (GETHASH '"212.5" ICD9-HASH-TABLE) "Mediastinum")
(SETF (GETHASH '"212.6" ICD9-HASH-TABLE) "Thymus")
(SETF (GETHASH '"212.7" ICD9-HASH-TABLE) "Heart")
(SETF (GETHASH '"212.8" ICD9-HASH-TABLE) "Other specified sites")
(SETF (GETHASH '"212.9" ICD9-HASH-TABLE) "Site unspecified")
(SETF (GETHASH '"213" ICD9-HASH-TABLE)
      "Benign neoplasm of bone and articular cartilage")
(SETF (GETHASH '"213.0" ICD9-HASH-TABLE) "Bones of skull and face")
(SETF (GETHASH '"213.1" ICD9-HASH-TABLE) "Lower jaw bone")
(SETF (GETHASH '"213.2" ICD9-HASH-TABLE)
      "Vertebral column, excluding sacrum and coccyx")
(SETF (GETHASH '"213.3" ICD9-HASH-TABLE) "Ribs, sternum, and clavicle")
(SETF (GETHASH '"213.4" ICD9-HASH-TABLE)
      "Scapula and long bones of upper limb")
(SETF (GETHASH '"213.5" ICD9-HASH-TABLE) "Short bones of upper limb")
(SETF (GETHASH '"213.6" ICD9-HASH-TABLE)
      "Pelvic bones, sacrum, and coccyx")
(SETF (GETHASH '"213.7" ICD9-HASH-TABLE) "Long bones of lower limb")
(SETF (GETHASH '"213.8" ICD9-HASH-TABLE) "Short bones of lower limb")
(SETF (GETHASH '"213.9" ICD9-HASH-TABLE)
      "Bone and articular cartilage, site unspecified")
(SETF (GETHASH '"214" ICD9-HASH-TABLE) "Lipoma")
(SETF (GETHASH '"214.0" ICD9-HASH-TABLE)
      "Skin and subcutaneous tissue of face")
(SETF (GETHASH '"214.1" ICD9-HASH-TABLE)
      "Other skin and subcutaneous tissue")
(SETF (GETHASH '"214.2" ICD9-HASH-TABLE) "Intrathoracic organs")
(SETF (GETHASH '"214.3" ICD9-HASH-TABLE) "Intra-abdominal organs")
(SETF (GETHASH '"214.4" ICD9-HASH-TABLE) "Spermatic cord")
(SETF (GETHASH '"214.8" ICD9-HASH-TABLE) "Other specified sites")
(SETF (GETHASH '"214.9" ICD9-HASH-TABLE) "Lipoma, unspecified site")
(SETF (GETHASH '"215" ICD9-HASH-TABLE)
      "Other benign neoplasm of connective and other soft tissue")
(SETF (GETHASH '"215.0" ICD9-HASH-TABLE) "Head, face, and neck")
(SETF (GETHASH '"215.2" ICD9-HASH-TABLE)
      "Upper limb, including shoulder")
(SETF (GETHASH '"215.3" ICD9-HASH-TABLE) "Lower limb, including hip")
(SETF (GETHASH '"215.4" ICD9-HASH-TABLE) "Thorax")
(SETF (GETHASH '"215.5" ICD9-HASH-TABLE) "Abdomen")
(SETF (GETHASH '"215.6" ICD9-HASH-TABLE) "Pelvis")
(SETF (GETHASH '"215.7" ICD9-HASH-TABLE) "Trunk, unspecified")
(SETF (GETHASH '"215.8" ICD9-HASH-TABLE) "Other specified sites")
(SETF (GETHASH '"215.9" ICD9-HASH-TABLE) "Site unspecified")
(SETF (GETHASH '"216" ICD9-HASH-TABLE) "Benign neoplasm of skin")
(SETF (GETHASH '"216.0" ICD9-HASH-TABLE) "Skin of lip")
(SETF (GETHASH '"216.1" ICD9-HASH-TABLE) "Eyelid, including canthus")
(SETF (GETHASH '"216.2" ICD9-HASH-TABLE)
      "Ear and external auditory canal")
(SETF (GETHASH '"216.3" ICD9-HASH-TABLE)
      "Skin of other and unspecified parts of face")
(SETF (GETHASH '"216.4" ICD9-HASH-TABLE) "Scalp and skin of neck")
(SETF (GETHASH '"216.5" ICD9-HASH-TABLE) "Skin of trunk, except scrotum")
(SETF (GETHASH '"216.6" ICD9-HASH-TABLE)
      "Skin of upper limb, including shoulder")
(SETF (GETHASH '"216.7" ICD9-HASH-TABLE)
      "Skin of lower limb, including hip")
(SETF (GETHASH '"216.8" ICD9-HASH-TABLE) "Other specified sites of skin")
(SETF (GETHASH '"216.9" ICD9-HASH-TABLE) "Skin, site unspecified")
(SETF (GETHASH '"217" ICD9-HASH-TABLE) "Benign neoplasm of breast")
(SETF (GETHASH '"218" ICD9-HASH-TABLE) "Uterine leiomyoma")
(SETF (GETHASH '"218.0" ICD9-HASH-TABLE) "Submucous leiomyoma of uterus")
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(SETF (GETHASH '"218.1" ICD9-HASH-TABLE)
      "Intramural leiomyoma of uterus")
(SETF (GETHASH '"218.2" ICD9-HASH-TABLE) "Subserous leiomyoma of uterus")
(SETF (GETHASH '"218.9" ICD9-HASH-TABLE)
      "Leiomyoma of uterus, unspecified")
(SETF (GETHASH '"219" ICD9-HASH-TABLE) "Other benign neoplasm of uterus")
(SETF (GETHASH '"219.0" ICD9-HASH-TABLE) "Cervix uteri")
(SETF (GETHASH '"219.1" ICD9-HASH-TABLE) "Corpus uteri")
(SETF (GETHASH '"219.8" ICD9-HASH-TABLE)
      "Other specified parts of uterus")
(SETF (GETHASH '"219.9" ICD9-HASH-TABLE) "Uterus, part unspecified")
(SETF (GETHASH '"220" ICD9-HASH-TABLE) "Benign neoplasm of ovary")
(SETF (GETHASH '"221" ICD9-HASH-TABLE)
      "Benign neoplasm of other female genital organs")
(SETF (GETHASH '"221.0" ICD9-HASH-TABLE)
      "Fallopian tube and uterine ligaments")
(SETF (GETHASH '"221.1" ICD9-HASH-TABLE) "Vagina")
(SETF (GETHASH '"221.2" ICD9-HASH-TABLE) "Vulva")
(SETF (GETHASH '"221.8" ICD9-HASH-TABLE)
      "Other specified sites of female genital organs")
(SETF (GETHASH '"221.9" ICD9-HASH-TABLE)
      "Female genital organ, site unspecified")
(SETF (GETHASH '"222" ICD9-HASH-TABLE)
      "Benign neoplasm of male genital organs")
(SETF (GETHASH '"222.0" ICD9-HASH-TABLE) "Testis")
(SETF (GETHASH '"222.1" ICD9-HASH-TABLE) "Penis")
(SETF (GETHASH '"222.2" ICD9-HASH-TABLE) "Prostate")
(SETF (GETHASH '"222.3" ICD9-HASH-TABLE) "Epididymis")
(SETF (GETHASH '"222.4" ICD9-HASH-TABLE) "Scrotum")
(SETF (GETHASH '"222.8" ICD9-HASH-TABLE)
      "Other specified sites of male genital organs")
(SETF (GETHASH '"222.9" ICD9-HASH-TABLE)
      "Male genital organ, site unspecified")
(SETF (GETHASH '"223" ICD9-HASH-TABLE)
      "Benign neoplasm of kidney and other urinary organs")
(SETF (GETHASH '"223.0" ICD9-HASH-TABLE) "Kidney, except pelvis")
(SETF (GETHASH '"223.1" ICD9-HASH-TABLE) "Renal pelvis")
(SETF (GETHASH '"223.2" ICD9-HASH-TABLE) "Ureter")
(SETF (GETHASH '"223.3" ICD9-HASH-TABLE) "Bladder")
(SETF (GETHASH '"223.8" ICD9-HASH-TABLE)
      "Other specified sites of urinary organs")
(SETF (GETHASH '"223.81" ICD9-HASH-TABLE) "Urethra")
(SETF (GETHASH '"223.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"223.9" ICD9-HASH-TABLE)
      "Urinary organ, site unspecified")
(SETF (GETHASH '"224" ICD9-HASH-TABLE) "Benign neoplasm of eye")
(SETF (GETHASH '"224.0" ICD9-HASH-TABLE)
      "Eyeball, except conjunctiva, cornea, retina, and choroid")
(SETF (GETHASH '"224.1" ICD9-HASH-TABLE) "Orbit")
(SETF (GETHASH '"224.2" ICD9-HASH-TABLE) "Lacrimal gland")
(SETF (GETHASH '"224.3" ICD9-HASH-TABLE) "Conjunctiva")
(SETF (GETHASH '"224.4" ICD9-HASH-TABLE) "Cornea")
(SETF (GETHASH '"224.5" ICD9-HASH-TABLE) "Retina")
(SETF (GETHASH '"224.6" ICD9-HASH-TABLE) "Choroid")
(SETF (GETHASH '"224.7" ICD9-HASH-TABLE) "Lacrimal duct")
(SETF (GETHASH '"224.8" ICD9-HASH-TABLE) "Other specified parts of eye")
(SETF (GETHASH '"224.9" ICD9-HASH-TABLE) "Eye, part unspecified")
(SETF (GETHASH '"225" ICD9-HASH-TABLE)
      "Benign neoplasm of brain and other parts of nervous system")
(SETF (GETHASH '"225.0" ICD9-HASH-TABLE) "Brain")
(SETF (GETHASH '"225.1" ICD9-HASH-TABLE) "Cranial nerves")
(SETF (GETHASH '"225.2" ICD9-HASH-TABLE) "Cerebral meninges")
(SETF (GETHASH '"225.3" ICD9-HASH-TABLE) "Spinal cord")
(SETF (GETHASH '"225.4" ICD9-HASH-TABLE) "Spinal meninges")
(SETF (GETHASH '"225.8" ICD9-HASH-TABLE)
      "Other specified sites of nervous system")
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(SETF (GETHASH '"225.9" ICD9-HASH-TABLE)
      "Nervous system, part unspecified")
(SETF (GETHASH '"226" ICD9-HASH-TABLE)
      "Benign neoplasm of thyroid glands")
(SETF (GETHASH '"227" ICD9-HASH-TABLE)
      "Benign neoplasm of other endocrine glands and related structures")
(SETF (GETHASH '"227.0" ICD9-HASH-TABLE) "Adrenal gland")
(SETF (GETHASH '"227.1" ICD9-HASH-TABLE) "Parathyroid gland")
(SETF (GETHASH '"227.3" ICD9-HASH-TABLE)
      "Pituitary gland and craniopharyngeal duct (pouch)")
(SETF (GETHASH '"227.4" ICD9-HASH-TABLE) "Pineal gland")
(SETF (GETHASH '"227.5" ICD9-HASH-TABLE) "Carotid body")
(SETF (GETHASH '"227.6" ICD9-HASH-TABLE)
      "Aortic body and other paraganglia")
(SETF (GETHASH '"227.8" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"227.9" ICD9-HASH-TABLE)
      "Endocrine gland, site unspecified")
(SETF (GETHASH '"228" ICD9-HASH-TABLE)
      "Hemangioma and lymphangioma, any site")
(SETF (GETHASH '"228.0" ICD9-HASH-TABLE) "Hemangioma, any site")
(SETF (GETHASH '"228.00" ICD9-HASH-TABLE) "Of unspecified site")
(SETF (GETHASH '"228.01" ICD9-HASH-TABLE)
      "Of skin and subcutaneous tissue")
(SETF (GETHASH '"228.02" ICD9-HASH-TABLE) "Of intracranial structures")
(SETF (GETHASH '"228.03" ICD9-HASH-TABLE) "Of retina")
(SETF (GETHASH '"228.04" ICD9-HASH-TABLE)
      "Of intra-abdominal structures")
(SETF (GETHASH '"228.09" ICD9-HASH-TABLE) "Of other sites")
(SETF (GETHASH '"228.1" ICD9-HASH-TABLE) "Lymphangioma, any site")
(SETF (GETHASH '"229" ICD9-HASH-TABLE)
      "Benign neoplasm of other and unspecified sites")
(SETF (GETHASH '"229.0" ICD9-HASH-TABLE) "Lymph nodes")
(SETF (GETHASH '"229.8" ICD9-HASH-TABLE) "Other specified sites")
(SETF (GETHASH '"229.9" ICD9-HASH-TABLE) "Site unspecified")
(SETF (GETHASH '"230" ICD9-HASH-TABLE)
      "Carcinoma in situ of digestive organs")
(SETF (GETHASH '"230.0" ICD9-HASH-TABLE) "Lip, oral cavity, and pharynx")
(SETF (GETHASH '"230.1" ICD9-HASH-TABLE) "Esophagus")
(SETF (GETHASH '"230.2" ICD9-HASH-TABLE) "Stomach")
(SETF (GETHASH '"230.3" ICD9-HASH-TABLE) "Colon")
(SETF (GETHASH '"230.4" ICD9-HASH-TABLE) "Rectum")
(SETF (GETHASH '"230.5" ICD9-HASH-TABLE) "Anal canal")
(SETF (GETHASH '"230.6" ICD9-HASH-TABLE) "Anus, unspecified")
(SETF (GETHASH '"230.7" ICD9-HASH-TABLE)
      "Other and unspecified parts of intestine")
(SETF (GETHASH '"230.8" ICD9-HASH-TABLE) "Liver and biliary system")
(SETF (GETHASH '"230.9" ICD9-HASH-TABLE)
      "Other and unspecified digestive organs")
(SETF (GETHASH '"231" ICD9-HASH-TABLE)
      "Carcinoma in situ of respiratory system")
(SETF (GETHASH '"231.0" ICD9-HASH-TABLE) "Larynx")
(SETF (GETHASH '"231.1" ICD9-HASH-TABLE) "Trachea")
(SETF (GETHASH '"231.2" ICD9-HASH-TABLE) "Bronchus and lung")
(SETF (GETHASH '"231.8" ICD9-HASH-TABLE)
      "Other specified parts of respiratory system")
(SETF (GETHASH '"231.9" ICD9-HASH-TABLE)
      "Respiratory system, part unspecified")
(SETF (GETHASH '"232" ICD9-HASH-TABLE) "Carcinoma in situ of skin")
(SETF (GETHASH '"232.0" ICD9-HASH-TABLE) "Skin of lip")
(SETF (GETHASH '"232.1" ICD9-HASH-TABLE) "Eyelid, including canthus")
(SETF (GETHASH '"232.2" ICD9-HASH-TABLE)
      "Ear and external auditory canal")
(SETF (GETHASH '"232.3" ICD9-HASH-TABLE)
      "Skin of other and unspecified parts of face")
(SETF (GETHASH '"232.4" ICD9-HASH-TABLE) "Scalp and skin of neck")
(SETF (GETHASH '"232.5" ICD9-HASH-TABLE) "Skin of trunk, except scrotum")
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(SETF (GETHASH '"232.6" ICD9-HASH-TABLE)
      "Skin of upper limb, including shoulder")
(SETF (GETHASH '"232.7" ICD9-HASH-TABLE)
      "Skin of lower limb, including hip")
(SETF (GETHASH '"232.8" ICD9-HASH-TABLE) "Other specified sites of skin")
(SETF (GETHASH '"232.9" ICD9-HASH-TABLE) "Skin, site unspecified")
(SETF (GETHASH '"233" ICD9-HASH-TABLE)
      "Carcinoma in situ of breast and genitourinary system")
(SETF (GETHASH '"233.0" ICD9-HASH-TABLE) "Breast")
(SETF (GETHASH '"233.1" ICD9-HASH-TABLE) "Cervix uteri")
(SETF (GETHASH '"233.2" ICD9-HASH-TABLE)
      "Other and unspecified parts of uterus")
(SETF (GETHASH '"233.3" ICD9-HASH-TABLE)
      "Other and unspecified female genital organs")
(SETF (GETHASH '"233.4" ICD9-HASH-TABLE) "Prostate")
(SETF (GETHASH '"233.5" ICD9-HASH-TABLE) "Penis")
(SETF (GETHASH '"233.6" ICD9-HASH-TABLE)
      "Other and unspecified male genital organs")
(SETF (GETHASH '"233.7" ICD9-HASH-TABLE) "Bladder")
(SETF (GETHASH '"233.9" ICD9-HASH-TABLE)
      "Other and unspecified urinary organs")
(SETF (GETHASH '"234" ICD9-HASH-TABLE)
      "Carcinoma in situ of other and unspecified sites")
(SETF (GETHASH '"234.0" ICD9-HASH-TABLE) "Eye")
(SETF (GETHASH '"234.8" ICD9-HASH-TABLE) "Other specified sites")
(SETF (GETHASH '"234.9" ICD9-HASH-TABLE) "Site unspecified")
(SETF (GETHASH '"235" ICD9-HASH-TABLE)
      "Neoplasm of uncertain behavior of digestive and respiratory systems")
(SETF (GETHASH '"235.0" ICD9-HASH-TABLE) "Major salivary glands")
(SETF (GETHASH '"235.1" ICD9-HASH-TABLE) "Lip, oral cavity, and pharynx")
(SETF (GETHASH '"235.2" ICD9-HASH-TABLE)
      "Stomach, intestines, and rectum")
(SETF (GETHASH '"235.3" ICD9-HASH-TABLE) "Liver and biliary passages")
(SETF (GETHASH '"235.4" ICD9-HASH-TABLE)
      "Retroperitoneum and peritoneum")
(SETF (GETHASH '"235.5" ICD9-HASH-TABLE)
      "Other and unspecified digestive organs")
(SETF (GETHASH '"235.6" ICD9-HASH-TABLE) "Larynx")
(SETF (GETHASH '"235.7" ICD9-HASH-TABLE) "Trachea, bronchus, and lung")
(SETF (GETHASH '"235.8" ICD9-HASH-TABLE)
      "Pleura, thymus, and mediastinum")
(SETF (GETHASH '"235.9" ICD9-HASH-TABLE)
      "Other and unspecified respiratory organs")
(SETF (GETHASH '"236" ICD9-HASH-TABLE)
      "Neoplasm of uncertain behavior of genitourinary organs")
(SETF (GETHASH '"236.0" ICD9-HASH-TABLE) "Uterus")
(SETF (GETHASH '"236.1" ICD9-HASH-TABLE) "Placenta")
(SETF (GETHASH '"236.2" ICD9-HASH-TABLE) "Ovary")
(SETF (GETHASH '"236.3" ICD9-HASH-TABLE)
      "Other and unspecified female genital organs")
(SETF (GETHASH '"236.4" ICD9-HASH-TABLE) "Testis")
(SETF (GETHASH '"236.5" ICD9-HASH-TABLE) "Prostate")
(SETF (GETHASH '"236.6" ICD9-HASH-TABLE)
      "Other and unspecified male genital organs")
(SETF (GETHASH '"236.7" ICD9-HASH-TABLE) "Bladder")
(SETF (GETHASH '"236.9" ICD9-HASH-TABLE)
      "Other and unspecified urinary organs")
(SETF (GETHASH '"236.90" ICD9-HASH-TABLE) "Urinary organ, unspecified")
(SETF (GETHASH '"236.91" ICD9-HASH-TABLE) "Kidney and ureter")
(SETF (GETHASH '"236.99" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"237" ICD9-HASH-TABLE)
      "Neoplasm of uncertain behavior of endocrine glands and nervous system")
(SETF (GETHASH '"237.0" ICD9-HASH-TABLE)
      "Pituitary gland and craniopharyngeal duct")
(SETF (GETHASH '"237.1" ICD9-HASH-TABLE) "Pineal gland")
(SETF (GETHASH '"237.2" ICD9-HASH-TABLE) "Adrenal gland")
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(SETF (GETHASH '"237.3" ICD9-HASH-TABLE) "Paraganglia")
(SETF (GETHASH '"237.4" ICD9-HASH-TABLE)
      "Other and unspecified endocrine glands")
(SETF (GETHASH '"237.5" ICD9-HASH-TABLE) "Brain and spinal cord")
(SETF (GETHASH '"237.6" ICD9-HASH-TABLE) "Meninges")
(SETF (GETHASH '"237.7" ICD9-HASH-TABLE) "Neurofibromatosis")
(SETF (GETHASH '"237.70" ICD9-HASH-TABLE)
      "Neurofibromatosis, unspecified")
(SETF (GETHASH '"237.71" ICD9-HASH-TABLE)
      "Neurofibromatosis, type 1 [von Recklinghausen's disease]")
(SETF (GETHASH '"237.72" ICD9-HASH-TABLE)
      "Neurofibromatosis, type 2 [acoustic neurofibromatosis]")
(SETF (GETHASH '"237.9" ICD9-HASH-TABLE)
      "Other and unspecified parts of nervous system")
(SETF (GETHASH '"238" ICD9-HASH-TABLE)
      "Neoplasm of uncertain behavior of other and unspecified sites and tissues")
(SETF (GETHASH '"238.0" ICD9-HASH-TABLE) "Bone and articular cartilage")
(SETF (GETHASH '"238.1" ICD9-HASH-TABLE)
      "Connective and other soft tissue")
(SETF (GETHASH '"238.2" ICD9-HASH-TABLE) "Skin")
(SETF (GETHASH '"238.3" ICD9-HASH-TABLE) "Breast")
(SETF (GETHASH '"238.4" ICD9-HASH-TABLE) "Polycythemia vera")
(SETF (GETHASH '"238.5" ICD9-HASH-TABLE) "Histiocytic and mast cells")
(SETF (GETHASH '"238.6" ICD9-HASH-TABLE) "Plasma cells")
(SETF (GETHASH '"238.7" ICD9-HASH-TABLE)
      "Other lymphatic and hematopoietic tissues")
(SETF (GETHASH '"238.8" ICD9-HASH-TABLE) "Other specified sites")
(SETF (GETHASH '"238.9" ICD9-HASH-TABLE) "Site unspecified")
(SETF (GETHASH '"239" ICD9-HASH-TABLE) "Neoplasms of unspecified nature")
(SETF (GETHASH '"239.0" ICD9-HASH-TABLE) "Digestive system")
(SETF (GETHASH '"239.1" ICD9-HASH-TABLE) "Respiratory system")
(SETF (GETHASH '"239.2" ICD9-HASH-TABLE) "Bone, soft tissue, and skin")
(SETF (GETHASH '"239.3" ICD9-HASH-TABLE) "Breast")
(SETF (GETHASH '"239.4" ICD9-HASH-TABLE) "Bladder")
(SETF (GETHASH '"239.5" ICD9-HASH-TABLE) "Other genitourinary organs")
(SETF (GETHASH '"239.6" ICD9-HASH-TABLE) "Brain")
(SETF (GETHASH '"239.7" ICD9-HASH-TABLE)
      "Endocrine glands and other parts of nervous system")
(SETF (GETHASH '"239.8" ICD9-HASH-TABLE) "Other specified sites")
(SETF (GETHASH '"239.9" ICD9-HASH-TABLE) "Site unspecified")
(SETF (GETHASH '"240" ICD9-HASH-TABLE) "Simple and unspecified goiter")
(SETF (GETHASH '"240.0" ICD9-HASH-TABLE) "Goiter, specified as simple")
(SETF (GETHASH '"240.9" ICD9-HASH-TABLE) "Goiter, unspecified")
(SETF (GETHASH '"241" ICD9-HASH-TABLE) "Nontoxic nodular goiter")
(SETF (GETHASH '"241.0" ICD9-HASH-TABLE) "Nontoxic uninodular goiter")
(SETF (GETHASH '"241.1" ICD9-HASH-TABLE) "Nontoxic multinodular goiter")
(SETF (GETHASH '"241.9" ICD9-HASH-TABLE)
      "Unspecified nontoxic nodular goiter")
(SETF (GETHASH '"242" ICD9-HASH-TABLE)
      "Thyrotoxicosis with or without goiter")
(SETF (GETHASH '"242.0" ICD9-HASH-TABLE) "Toxic diffuse goiter")
(SETF (GETHASH '"242.1" ICD9-HASH-TABLE) "Toxic uninodular goiter")
(SETF (GETHASH '"242.2" ICD9-HASH-TABLE) "Toxic multinodular goiter")
(SETF (GETHASH '"242.3" ICD9-HASH-TABLE)
      "Toxic nodular goiter, unspecified")
(SETF (GETHASH '"242.4" ICD9-HASH-TABLE)
      "Thyrotoxicosis from ectopic thyroid nodule")
(SETF (GETHASH '"242.8" ICD9-HASH-TABLE)
      "Thyrotoxicosis of other specified origin")
(SETF (GETHASH '"242.9" ICD9-HASH-TABLE)
      "Thyrotoxicosis without mention of goiter or other cause")
(SETF (GETHASH '"243" ICD9-HASH-TABLE) "Congenital hypothyroidism")
(SETF (GETHASH '"244" ICD9-HASH-TABLE) "Acquired hypothyroidism")
(SETF (GETHASH '"244.0" ICD9-HASH-TABLE) "Postsurgical hypothyroidism")
(SETF (GETHASH '"244.1" ICD9-HASH-TABLE)
      "Other postablative hypothyroidism")
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(SETF (GETHASH '"244.2" ICD9-HASH-TABLE) "Iodine hypothyroidism")
(SETF (GETHASH '"244.3" ICD9-HASH-TABLE)
      "Other iatrogenic hypothyroidism")
(SETF (GETHASH '"244.8" ICD9-HASH-TABLE)
      "Other specified acquired hypothyroidism")
(SETF (GETHASH '"244.9" ICD9-HASH-TABLE) "Unspecified hypothyroidism")
(SETF (GETHASH '"245" ICD9-HASH-TABLE) "Thyroiditis")
(SETF (GETHASH '"245.0" ICD9-HASH-TABLE) "Acute thyroiditis")
(SETF (GETHASH '"245.1" ICD9-HASH-TABLE) "Subacute thyroiditis")
(SETF (GETHASH '"245.2" ICD9-HASH-TABLE)
      "Chronic lymphocytic thyroiditis")
(SETF (GETHASH '"245.3" ICD9-HASH-TABLE) "Chronic fibrous thyroiditis")
(SETF (GETHASH '"245.4" ICD9-HASH-TABLE) "Iatrogenic thyroiditis")
(SETF (GETHASH '"245.8" ICD9-HASH-TABLE)
      "Other and unspecified chronic thyroiditis")
(SETF (GETHASH '"245.9" ICD9-HASH-TABLE) "Thyroiditis, unspecified")
(SETF (GETHASH '"246" ICD9-HASH-TABLE) "Other disorders of thyroid")
(SETF (GETHASH '"246.0" ICD9-HASH-TABLE)
      "Disorders of thyrocalcitonin secretion")
(SETF (GETHASH '"246.1" ICD9-HASH-TABLE) "Dyshormonogenic goiter")
(SETF (GETHASH '"246.2" ICD9-HASH-TABLE) "Cyst of thyroid")
(SETF (GETHASH '"246.3" ICD9-HASH-TABLE)
      "Hemorrhage and infarction of thyroid")
(SETF (GETHASH '"246.8" ICD9-HASH-TABLE)
      "Other specified disorders of thyroid")
(SETF (GETHASH '"246.9" ICD9-HASH-TABLE)
      "Unspecified disorder of thyroid")
(SETF (GETHASH '"250" ICD9-HASH-TABLE) "Diabetes mellitus")
(SETF (GETHASH '"250.0" ICD9-HASH-TABLE)
      "Diabetes mellitus without mention of complication")
(SETF (GETHASH '"250.1" ICD9-HASH-TABLE) "Diabetes with ketoacidosis")
(SETF (GETHASH '"250.2" ICD9-HASH-TABLE) "Diabetes with hyperosmolarity")
(SETF (GETHASH '"250.3" ICD9-HASH-TABLE) "Diabetes with other coma")
(SETF (GETHASH '"250.4" ICD9-HASH-TABLE)
      "Diabetes with renal manifestations")
(SETF (GETHASH '"250.5" ICD9-HASH-TABLE)
      "Diabetes with ophthalmic manifestations")
(SETF (GETHASH '"250.6" ICD9-HASH-TABLE)
      "Diabetes with neurological manifestations")
(SETF (GETHASH '"250.7" ICD9-HASH-TABLE)
      "Diabetes with peripheral circulatory disorders")
(SETF (GETHASH '"250.8" ICD9-HASH-TABLE)
      "Diabetes with other specified manifestations")
(SETF (GETHASH '"250.9" ICD9-HASH-TABLE)
      "Diabetes with unspecified complication")
(SETF (GETHASH '"251" ICD9-HASH-TABLE)
      "Other disorders of pancreatic internal secretion")
(SETF (GETHASH '"251.0" ICD9-HASH-TABLE) "Hypoglycemic coma")
(SETF (GETHASH '"251.1" ICD9-HASH-TABLE) "Other specified hypoglycemia")
(SETF (GETHASH '"251.2" ICD9-HASH-TABLE) "Hypoglycemia, unspecified")
(SETF (GETHASH '"251.3" ICD9-HASH-TABLE) "Postsurgical hypoinsulinemia")
(SETF (GETHASH '"251.4" ICD9-HASH-TABLE)
      "Abnormality of secretion of glucagon")
(SETF (GETHASH '"251.5" ICD9-HASH-TABLE)
      "Abnormality of secretion of gastrin")
(SETF (GETHASH '"251.8" ICD9-HASH-TABLE)
      "Other specified disorders of pancreatic internal secretion")
(SETF (GETHASH '"251.9" ICD9-HASH-TABLE)
      "Unspecified disorder of pancreatic internal secretion")
(SETF (GETHASH '"252" ICD9-HASH-TABLE) "Disorders of parathyroid gland")
(SETF (GETHASH '"252.0" ICD9-HASH-TABLE) "Hyperparathyroidism")
(SETF (GETHASH '"252.1" ICD9-HASH-TABLE) "Hypoparathyroidism")
(SETF (GETHASH '"252.8" ICD9-HASH-TABLE)
      "Other specified disorders of parathyroid gland")
(SETF (GETHASH '"252.9" ICD9-HASH-TABLE)
      "Unspecified disorder of parathyroid gland")
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(SETF (GETHASH '"253" ICD9-HASH-TABLE)
      "Disorders of the pituitary gland and its hypothalamic control")
(SETF (GETHASH '"253.0" ICD9-HASH-TABLE) "Acromegaly and gigantism")
(SETF (GETHASH '"253.1" ICD9-HASH-TABLE)
      "Other and unspecified anterior pituitary hyperfunction")
(SETF (GETHASH '"253.2" ICD9-HASH-TABLE) "Panhypopituitarism")
(SETF (GETHASH '"253.3" ICD9-HASH-TABLE) "Pituitary dwarfism")
(SETF (GETHASH '"253.4" ICD9-HASH-TABLE)
      "Other anterior pituitary disorders")
(SETF (GETHASH '"253.5" ICD9-HASH-TABLE) "Diabetes insipidus")
(SETF (GETHASH '"253.6" ICD9-HASH-TABLE)
      "Other disorders of neurohypophysis")
(SETF (GETHASH '"253.7" ICD9-HASH-TABLE)
      "Iatrogenic pituitary disorders")
(SETF (GETHASH '"253.8" ICD9-HASH-TABLE)
      "Other disorders of the pituitary and other syndromes of diencephalohypophyseal origin")
(SETF (GETHASH '"253.9" ICD9-HASH-TABLE) "Unspecified")
(SETF (GETHASH '"254" ICD9-HASH-TABLE) "Diseases of thymus gland")
(SETF (GETHASH '"254.0" ICD9-HASH-TABLE)
      "Persistent hyperplasia of thymus")
(SETF (GETHASH '"254.1" ICD9-HASH-TABLE) "Abscess of thymus")
(SETF (GETHASH '"254.8" ICD9-HASH-TABLE)
      "Other specified diseases of thymus gland")
(SETF (GETHASH '"254.9" ICD9-HASH-TABLE)
      "Unspecified disease of thymus gland")
(SETF (GETHASH '"255" ICD9-HASH-TABLE) "Disorders of adrenal glands")
(SETF (GETHASH '"255.0" ICD9-HASH-TABLE) "Cushing's syndrome")
(SETF (GETHASH '"255.1" ICD9-HASH-TABLE) "Hyperaldosteronism")
(SETF (GETHASH '"255.2" ICD9-HASH-TABLE) "Adrenogenital disorders")
(SETF (GETHASH '"255.3" ICD9-HASH-TABLE)
      "Other corticoadrenal overactivity")
(SETF (GETHASH '"255.4" ICD9-HASH-TABLE) "Corticoadrenal insufficiency")
(SETF (GETHASH '"255.5" ICD9-HASH-TABLE) "Other adrenal hypofunction")
(SETF (GETHASH '"255.6" ICD9-HASH-TABLE) "Medulloadrenal hyperfunction")
(SETF (GETHASH '"255.8" ICD9-HASH-TABLE)
      "Other specified disorders of adrenal glands")
(SETF (GETHASH '"255.9" ICD9-HASH-TABLE)
      "Unspecified disorder of adrenal glands")
(SETF (GETHASH '"256" ICD9-HASH-TABLE) "Ovarian dysfunction")
(SETF (GETHASH '"256.0" ICD9-HASH-TABLE) "Hyperestrogenism")
(SETF (GETHASH '"256.1" ICD9-HASH-TABLE) "Other ovarian hyperfunction")
(SETF (GETHASH '"256.2" ICD9-HASH-TABLE) "Postablative ovarian failure")
(SETF (GETHASH '"256.3" ICD9-HASH-TABLE) "Other ovarian failure")
(SETF (GETHASH '"256.4" ICD9-HASH-TABLE) "Polycystic ovaries")
(SETF (GETHASH '"256.8" ICD9-HASH-TABLE) "Other ovarian dysfunction")
(SETF (GETHASH '"256.9" ICD9-HASH-TABLE)
      "Unspecified ovarian dysfunction")
(SETF (GETHASH '"257" ICD9-HASH-TABLE) "Testicular dysfunction")
(SETF (GETHASH '"257.0" ICD9-HASH-TABLE) "Testicular hyperfunction")
(SETF (GETHASH '"257.1" ICD9-HASH-TABLE)
      "Postablative testicular hypofunction")
(SETF (GETHASH '"257.2" ICD9-HASH-TABLE) "Other testicular hypofunction")
(SETF (GETHASH '"257.8" ICD9-HASH-TABLE) "Other testicular dysfunction")
(SETF (GETHASH '"257.9" ICD9-HASH-TABLE)
      "Unspecified testicular dysfunction")
(SETF (GETHASH '"258" ICD9-HASH-TABLE)
      "Polyglandular dysfunction and related disorders")
(SETF (GETHASH '"258.0" ICD9-HASH-TABLE)
      "Polyglandular activity in multiple endocrine adenomatosis")
(SETF (GETHASH '"258.1" ICD9-HASH-TABLE)
      "Other combinations of endocrine dysfunction")
(SETF (GETHASH '"258.8" ICD9-HASH-TABLE)
      "Other specified polyglandular dysfunction")
(SETF (GETHASH '"258.9" ICD9-HASH-TABLE)
      "Polyglandular dysfunction, unspecified")
(SETF (GETHASH '"259" ICD9-HASH-TABLE) "Other endocrine disorders")
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(SETF (GETHASH '"259.0" ICD9-HASH-TABLE)
      "Delay in sexual development and puberty, not elsewhere classified")
(SETF (GETHASH '"259.1" ICD9-HASH-TABLE)
      "Precocious sexual development and puberty, not elsewhere classified")
(SETF (GETHASH '"259.2" ICD9-HASH-TABLE) "Carcinoid syndrome")
(SETF (GETHASH '"259.3" ICD9-HASH-TABLE)
      "Ectopic hormone secretion, not elsewhere classified")
(SETF (GETHASH '"259.4" ICD9-HASH-TABLE)
      "Dwarfism, not elsewhere classified")
(SETF (GETHASH '"259.8" ICD9-HASH-TABLE)
      "Other specified endocrine disorders")
(SETF (GETHASH '"259.9" ICD9-HASH-TABLE)
      "Unspecified endocrine disorder")
(SETF (GETHASH '"260" ICD9-HASH-TABLE) "Kwashiorkor")
(SETF (GETHASH '"261" ICD9-HASH-TABLE) "Nutritional marasmus")
(SETF (GETHASH '"262" ICD9-HASH-TABLE)
      "Other severe protein-calorie malnutrition")
(SETF (GETHASH '"263" ICD9-HASH-TABLE)
      "Other and unspecified protein-calorie malnutrition")
(SETF (GETHASH '"263.0" ICD9-HASH-TABLE)
      "Malnutrition of moderate degree")
(SETF (GETHASH '"263.1" ICD9-HASH-TABLE) "Malnutrition of mild degree")
(SETF (GETHASH '"263.2" ICD9-HASH-TABLE)
      "Arrested development following protein-calorie malnutrition")
(SETF (GETHASH '"263.8" ICD9-HASH-TABLE)
      "Other protein-calorie malnutrition")
(SETF (GETHASH '"263.9" ICD9-HASH-TABLE)
      "Unspecified protein-calorie malnutrition")
(SETF (GETHASH '"264" ICD9-HASH-TABLE) "Vitamin A deficiency")
(SETF (GETHASH '"264.0" ICD9-HASH-TABLE) "With conjunctival xerosis")
(SETF (GETHASH '"264.1" ICD9-HASH-TABLE)
      "With conjunctival xerosis and Bitot's spot")
(SETF (GETHASH '"264.2" ICD9-HASH-TABLE) "With corneal xerosis")
(SETF (GETHASH '"264.3" ICD9-HASH-TABLE)
      "With corneal ulceration and xerosis")
(SETF (GETHASH '"264.4" ICD9-HASH-TABLE) "With keratomalacia")
(SETF (GETHASH '"264.5" ICD9-HASH-TABLE) "With night blindness")
(SETF (GETHASH '"264.6" ICD9-HASH-TABLE)
      "With xerophthalmic scars of cornea")
(SETF (GETHASH '"264.7" ICD9-HASH-TABLE)
      "Other ocular manifestations of vitamin A deficiency")
(SETF (GETHASH '"264.8" ICD9-HASH-TABLE)
      "Other manifestations of vitamin A deficiency")
(SETF (GETHASH '"264.9" ICD9-HASH-TABLE)
      "Unspecified vitamin A deficiency")
(SETF (GETHASH '"265" ICD9-HASH-TABLE)
      "Thiamine and niacin deficiency states")
(SETF (GETHASH '"265.0" ICD9-HASH-TABLE) "Beriberi")
(SETF (GETHASH '"265.1" ICD9-HASH-TABLE)
      "Other and unspecified manifestations of thiamine deficiency")
(SETF (GETHASH '"265.2" ICD9-HASH-TABLE) "Pellagra")
(SETF (GETHASH '"266" ICD9-HASH-TABLE)
      "Deficiency of B-complex components")
(SETF (GETHASH '"266.0" ICD9-HASH-TABLE) "Ariboflavinosis")
(SETF (GETHASH '"266.1" ICD9-HASH-TABLE) "Vitamin B6 deficiency")
(SETF (GETHASH '"266.2" ICD9-HASH-TABLE) "Other B-complex deficiencies")
(SETF (GETHASH '"266.9" ICD9-HASH-TABLE)
      "Unspecified vitamin B deficiency")
(SETF (GETHASH '"267" ICD9-HASH-TABLE) "Ascorbic acid deficiency")
(SETF (GETHASH '"268" ICD9-HASH-TABLE) "Vitamin D deficiency")
(SETF (GETHASH '"268.0" ICD9-HASH-TABLE) "Rickets, active")
(SETF (GETHASH '"268.1" ICD9-HASH-TABLE) "Rickets, late effect")
(SETF (GETHASH '"268.2" ICD9-HASH-TABLE) "Osteomalacia, unspecified")
(SETF (GETHASH '"268.9" ICD9-HASH-TABLE)
      "Unspecified vitamin D deficiency")
(SETF (GETHASH '"269" ICD9-HASH-TABLE) "Other nutritional deficiencies")
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(SETF (GETHASH '"269.0" ICD9-HASH-TABLE) "Deficiency of vitamin K")
(SETF (GETHASH '"269.1" ICD9-HASH-TABLE) "Deficiency of other vitamins")
(SETF (GETHASH '"269.2" ICD9-HASH-TABLE)
      "Unspecified vitamin deficiency")
(SETF (GETHASH '"269.3" ICD9-HASH-TABLE)
      "Mineral deficiency, not elsewhere classified")
(SETF (GETHASH '"269.8" ICD9-HASH-TABLE) "Other nutritional deficiency")
(SETF (GETHASH '"269.9" ICD9-HASH-TABLE)
      "Unspecified nutritional deficiency")
(SETF (GETHASH '"270" ICD9-HASH-TABLE)
      "Disorders of amino-acid transport and metabolism")
(SETF (GETHASH '"270.0" ICD9-HASH-TABLE)
      "Disturbances of amino-acid transport")
(SETF (GETHASH '"270.1" ICD9-HASH-TABLE) "Phenylketonuria [PKU]")
(SETF (GETHASH '"270.2" ICD9-HASH-TABLE)
      "Other disturbances of aromatic amino-acid metabolism")
(SETF (GETHASH '"270.3" ICD9-HASH-TABLE)
      "Disturbances of branched-chain amino-acid metabolism")
(SETF (GETHASH '"270.4" ICD9-HASH-TABLE)
      "Disturbances of sulphur-bearing amino-acid metabolism")
(SETF (GETHASH '"270.5" ICD9-HASH-TABLE)
      "Disturbances of histidine metabolism")
(SETF (GETHASH '"270.6" ICD9-HASH-TABLE)
      "Disorders of urea cycle metabolism")
(SETF (GETHASH '"270.7" ICD9-HASH-TABLE)
      "Other disturbances of straight-chain amino-acid metabolism")
(SETF (GETHASH '"270.8" ICD9-HASH-TABLE)
      "Other specified disorders of amino-acid metabolism")
(SETF (GETHASH '"270.9" ICD9-HASH-TABLE)
      "Unspecified disorder of amino-acid metabolism")
(SETF (GETHASH '"271" ICD9-HASH-TABLE)
      "Disorders of carbohydrate transport and metabolism")
(SETF (GETHASH '"271.0" ICD9-HASH-TABLE) "Glycogenosis")
(SETF (GETHASH '"271.1" ICD9-HASH-TABLE) "Galactosemia")
(SETF (GETHASH '"271.2" ICD9-HASH-TABLE)
      "Hereditary fructose intolerance")
(SETF (GETHASH '"271.3" ICD9-HASH-TABLE)
      "Intestinal disaccharidase deficiencies and disaccharide malabsorption")
(SETF (GETHASH '"271.4" ICD9-HASH-TABLE) "Renal glycosuria")
(SETF (GETHASH '"271.8" ICD9-HASH-TABLE)
      "Other specified disorders of carbohydrate transport and metabolism")
(SETF (GETHASH '"271.9" ICD9-HASH-TABLE)
      "Unspecified disorder of carbohydrate transport and metabolism")
(SETF (GETHASH '"272" ICD9-HASH-TABLE) "Disorders of lipoid metabolism")
(SETF (GETHASH '"272.0" ICD9-HASH-TABLE) "Pure hypercholesterolemia")
(SETF (GETHASH '"272.1" ICD9-HASH-TABLE) "Pure hyperglyceridemia")
(SETF (GETHASH '"272.2" ICD9-HASH-TABLE) "Mixed hyperlipidemia")
(SETF (GETHASH '"272.3" ICD9-HASH-TABLE) "Hyperchylomicronemia")
(SETF (GETHASH '"272.4" ICD9-HASH-TABLE)
      "Other and unspecified hyperlipidemia")
(SETF (GETHASH '"272.5" ICD9-HASH-TABLE) "Lipoprotein deficiencies")
(SETF (GETHASH '"272.6" ICD9-HASH-TABLE) "Lipodystrophy")
(SETF (GETHASH '"272.7" ICD9-HASH-TABLE) "Lipidoses")
(SETF (GETHASH '"272.8" ICD9-HASH-TABLE)
      "Other disorders of lipoid metabolism")
(SETF (GETHASH '"272.9" ICD9-HASH-TABLE)
      "Unspecified disorder of lipoid metabolism")
(SETF (GETHASH '"273" ICD9-HASH-TABLE)
      "Disorders of plasma protein metabolism")
(SETF (GETHASH '"273.0" ICD9-HASH-TABLE)
      "Polyclonal hypergammaglobulinemia")
(SETF (GETHASH '"273.1" ICD9-HASH-TABLE) "Monoclonal paraproteinemia")
(SETF (GETHASH '"273.2" ICD9-HASH-TABLE) "Other paraproteinemias")
(SETF (GETHASH '"273.3" ICD9-HASH-TABLE) "Macroglobulinemia")
(SETF (GETHASH '"273.8" ICD9-HASH-TABLE)
      "Other disorders of plasma protein metabolism")
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(SETF (GETHASH '"273.9" ICD9-HASH-TABLE)
      "Unspecified disorder of plasma protein metabolism")
(SETF (GETHASH '"274" ICD9-HASH-TABLE) "Gout")
(SETF (GETHASH '"274.0" ICD9-HASH-TABLE) "Gouty arthropathy")
(SETF (GETHASH '"274.1" ICD9-HASH-TABLE) "Gouty nephropathy")
(SETF (GETHASH '"274.10" ICD9-HASH-TABLE)
      "Gouty nephropathy, unspecified")
(SETF (GETHASH '"274.11" ICD9-HASH-TABLE) "Uric acid nephrolithiasis")
(SETF (GETHASH '"274.19" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"274.8" ICD9-HASH-TABLE)
      "Gout with other specified manifestations")
(SETF (GETHASH '"274.81" ICD9-HASH-TABLE) "Gouty tophi of ear")
(SETF (GETHASH '"274.82" ICD9-HASH-TABLE) "Gouty tophi of other sites")
(SETF (GETHASH '"274.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"274.9" ICD9-HASH-TABLE) "Gout, unspecified")
(SETF (GETHASH '"275" ICD9-HASH-TABLE) "Disorders of mineral metabolism")
(SETF (GETHASH '"275.0" ICD9-HASH-TABLE) "Disorders of iron metabolism")
(SETF (GETHASH '"275.1" ICD9-HASH-TABLE)
      "Disorders of copper metabolism")
(SETF (GETHASH '"275.2" ICD9-HASH-TABLE)
      "Disorders of magnesium metabolism")
(SETF (GETHASH '"275.3" ICD9-HASH-TABLE)
      "Disorders of phosphorus metabolism")
(SETF (GETHASH '"275.4" ICD9-HASH-TABLE)
      "Disorders of calcium metabolism")
(SETF (GETHASH '"275.40" ICD9-HASH-TABLE)
      "Unspecified disorder of calcium metabolism")
(SETF (GETHASH '"275.41" ICD9-HASH-TABLE) "Hypocalcemia")
(SETF (GETHASH '"275.42" ICD9-HASH-TABLE) "Hypercalcemia")
(SETF (GETHASH '"275.49" ICD9-HASH-TABL
      "Other disorders of calcium metabolism")
(SETF (GETHASH '"275.8" ICD9-HASH-TABLE)
      "Other specified disorders of mineral metabolism")
(SETF (GETHASH '"275.9" ICD9-HASH-TABLE)
      "Unspecified disorder of mineral metabolism")
(SETF (GETHASH '"276" ICD9-HASH-TABLE)
      "Disorders of fluid, electrolyte, and acid-base balance")
(SETF (GETHASH '"276.0" ICD9-HASH-TABLE)
      "Hyperosmolality and/or hypernatremia")
(SETF (GETHASH '"276.1" ICD9-HASH-TABLE)
      "Hyposmolality and/or hyponatremia")
(SETF (GETHASH '"276.2" ICD9-HASH-TABLE) "Acidosis")
(SETF (GETHASH '"276.3" ICD9-HASH-TABLE) "Alkalosis")
(SETF (GETHASH '"276.4" ICD9-HASH-TABLE)
      "Mixed acid-base balance disorder")
(SETF (GETHASH '"276.5" ICD9-HASH-TABLE) "Volume depletion")
(SETF (GETHASH '"276.6" ICD9-HASH-TABLE) "Fluid overload")
(SETF (GETHASH '"276.7" ICD9-HASH-TABLE) "Hyperpotassemia")
(SETF (GETHASH '"276.8" ICD9-HASH-TABLE) "Hypopotassemia")
(SETF (GETHASH '"276.9" ICD9-HASH-TABLE)
      "Electrolyte and fluid disorders not elsewhere classified")
(SETF (GETHASH '"277" ICD9-HASH-TABLE)
      "Other and unspecified disorders of metabolism")
(SETF (GETHASH '"277.0" ICD9-HASH-TABLE) "Cystic fibrosis")
(SETF (GETHASH '"277.00" ICD9-HASH-TABLE)
      "Without mention of meconium ileus")
(SETF (GETHASH '"277.01" ICD9-HASH-TABLE) "With meconium ileus")
(SETF (GETHASH '"277.1" ICD9-HASH-TABLE)
      "Disorders of porphyrin metabolism")
(SETF (GETHASH '"277.2" ICD9-HASH-TABLE)
      "Other disorders of purine and pyrimidine metabolism")
(SETF (GETHASH '"277.3" ICD9-HASH-TABLE) "Amyloidosis")
(SETF (GETHASH '"277.4" ICD9-HASH-TABLE)
      "Disorders of bilirubin excretion")
(SETF (GETHASH '"277.5" ICD9-HASH-TABLE) "Mucopolysaccharidosis")
(SETF (GETHASH '"277.6" ICD9-HASH-TABLE)
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      "Other deficiencies of circulating enzymes")
(SETF (GETHASH '"277.8" ICD9-HASH-TABLE)
      "Other specified disorders of metabolism")
(SETF (GETHASH '"277.9" ICD9-HASH-TABLE)
      "Unspecified disorder of metabolism")
(SETF (GETHASH '"278" ICD9-HASH-TABLE)
      "Obesity and other hyperalimentation")
(SETF (GETHASH '"278.0" ICD9-HASH-TABLE) "Obesity")
(SETF (GETHASH '"278.00" ICD9-HASH-TABLE) "Obesity, unspecified")
(SETF (GETHASH '"278.01" ICD9-HASH-TABLE) "Morbid obesity")
(SETF (GETHASH '"278.1" ICD9-HASH-TABLE) "Localized adiposity")
(SETF (GETHASH '"278.2" ICD9-HASH-TABLE) "Hypervitaminosis A")
(SETF (GETHASH '"278.3" ICD9-HASH-TABLE) "Hypercarotinemia")
(SETF (GETHASH '"278.4" ICD9-HASH-TABLE) "Hypervitaminosis D")
(SETF (GETHASH '"278.8" ICD9-HASH-TABLE) "Other hyperalimentation")
(SETF (GETHASH '"279" ICD9-HASH-TABLE)
      "Disorders involving the immune mechanism")
(SETF (GETHASH '"279.0" ICD9-HASH-TABLE)
      "Deficiency of humoral immunity")
(SETF (GETHASH '"279.00" ICD9-HASH-TABLE)
      "Hypogammaglobulinemia, unspecified")
(SETF (GETHASH '"279.01" ICD9-HASH-TABLE)
      "Selective IgA immunodeficiency")
(SETF (GETHASH '"279.02" ICD9-HASH-TABLE)
      "Selective IgM immunodeficiency")
(SETF (GETHASH '"279.03" ICD9-HASH-TABLE)
      "Other selective immunoglobulin deficiencies")
(SETF (GETHASH '"279.04" ICD9-HASH-TABLE)
      "Congenital hypogammaglobulinemia")
(SETF (GETHASH '"279.05" ICD9-HASH-TABLE)
      "Immunodeficiency with increased IgM")
(SETF (GETHASH '"279.06" ICD9-HASH-TABLE)
      "Common variable immunodeficiency")
(SETF (GETHASH '"279.09" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"279.1" ICD9-HASH-TABLE)
      "Deficiency of cell-mediated immunity")
(SETF (GETHASH '"279.10" ICD9-HASH-TABLE)
      "Immunodeficiency with predominant T-cell defect, unspecified")
(SETF (GETHASH '"279.11" ICD9-HASH-TABLE) "DiGeorge's syndrome")
(SETF (GETHASH '"279.12" ICD9-HASH-TABLE) "Wiskott-Aldrich syndrome")
(SETF (GETHASH '"279.13" ICD9-HASH-TABLE) "Nezelof's syndrome")
(SETF (GETHASH '"279.19" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"279.2" ICD9-HASH-TABLE) "Combined immunity deficiency")
(SETF (GETHASH '"279.3" ICD9-HASH-TABLE)
      "Unspecified immunity deficiency")
(SETF (GETHASH '"279.4" ICD9-HASH-TABLE)
      "Autoimmune disease, not elsewhere classified")
(SETF (GETHASH '"279.8" ICD9-HASH-TABLE)
      "Other specified disorders involving the immune mechanism")
(SETF (GETHASH '"279.9" ICD9-HASH-TABLE)
      "Unspecified disorder of immune mechanism")
(SETF (GETHASH '"280" ICD9-HASH-TABLE) "Iron deficiency anemias")
(SETF (GETHASH '"280.0" ICD9-HASH-TABLE)
      "Secondary to blood loss (chronic)")
(SETF (GETHASH '"280.1" ICD9-HASH-TABLE)
      "Secondary to inadequate dietary iron intake")
(SETF (GETHASH '"280.8" ICD9-HASH-TABLE)
      "Other specified iron deficiency anemias")
(SETF (GETHASH '"280.9" ICD9-HASH-TABLE)
      "Iron deficiency anemia, unspecified")
(SETF (GETHASH '"281" ICD9-HASH-TABLE) "Other deficiency anemias")
(SETF (GETHASH '"281.0" ICD9-HASH-TABLE) "Pernicious anemia")
(SETF (GETHASH '"281.1" ICD9-HASH-TABLE)
      "Other vitamin B12 deficiency anemia")
(SETF (GETHASH '"281.2" ICD9-HASH-TABLE) "Folate-deficiency anemia")
(SETF (GETHASH '"281.3" ICD9-HASH-TABLE)
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      "Other specified megaloblastic anemias, not elsewhere classified")
(SETF (GETHASH '"281.4" ICD9-HASH-TABLE) "Protein-deficiency anemia")
(SETF (GETHASH '"281.8" ICD9-HASH-TABLE)
      "Anemia associated with other specified nutritional deficiency")
(SETF (GETHASH '"281.9" ICD9-HASH-TABLE) "Unspecified deficiency anemia")
(SETF (GETHASH '"282" ICD9-HASH-TABLE) "Hereditary hemolytic anemias")
(SETF (GETHASH '"282.0" ICD9-HASH-TABLE) "Hereditary spherocytosis")
(SETF (GETHASH '"282.1" ICD9-HASH-TABLE) "Hereditary elliptocytosis")
(SETF (GETHASH '"282.2" ICD9-HASH-TABLE)
      "Anemias due to disorders of glutathione metabolism")
(SETF (GETHASH '"282.3" ICD9-HASH-TABLE)
      "Other hemolytic anemias due to enzyme deficiency")
(SETF (GETHASH '"282.4" ICD9-HASH-TABLE) "Thalassemias")
(SETF (GETHASH '"282.5" ICD9-HASH-TABLE) "Sickle-cell trait")
(SETF (GETHASH '"282.6" ICD9-HASH-TABLE) "Sickle-cell anemia")
(SETF (GETHASH '"282.60" ICD9-HASH-TABLE)
      "Sickle-cell anemia, unspecified")
(SETF (GETHASH '"282.61" ICD9-HASH-TABLE)
      "Hb-S disease without mention of crisis")
(SETF (GETHASH '"282.62" ICD9-HASH-TABLE)
      "Hb-S disease with mention of crisis")
(SETF (GETHASH '"282.63" ICD9-HASH-TABLE) "Sickle-cell/Hb-C disease")
(SETF (GETHASH '"282.69" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"282.7" ICD9-HASH-TABLE) "Other hemoglobinopathies")
(SETF (GETHASH '"282.8" ICD9-HASH-TABLE)
      "Other specified hereditary hemolytic anemias")
(SETF (GETHASH '"282.9" ICD9-HASH-TABLE)
      "Hereditary hemolytic anemia, unspecified")
(SETF (GETHASH '"283" ICD9-HASH-TABLE) "Acquired hemolytic anemias")
(SETF (GETHASH '"283.0" ICD9-HASH-TABLE) "Autoimmune hemolytic anemias")
(SETF (GETHASH '"283.1" ICD9-HASH-TABLE)
      "Non-autoimmune hemolytic anemias")
(SETF (GETHASH '"283.10" ICD9-HASH-TABLE)
      "Non-autoimmune hemolytic anemia, unspecified")
(SETF (GETHASH '"283.11" ICD9-HASH-TABLE) "Hemolytic-uremic syndrome")
(SETF (GETHASH '"283.19" ICD9-HASH-TABLE)
      "Other non-autoimmune hemolytic anemias")
(SETF (GETHASH '"283.2" ICD9-HASH-TABLE)
      "Hemoglobinuria due to hemolysis from external causes")
(SETF (GETHASH '"283.9" ICD9-HASH-TABLE)
      "Acquired hemolytic anemia, unspecified")
(SETF (GETHASH '"284" ICD9-HASH-TABLE) "Aplastic anemia")
(SETF (GETHASH '"284.0" ICD9-HASH-TABLE)
      "Constitutional aplastic anemia")
(SETF (GETHASH '"284.8" ICD9-HASH-TABLE)
      "Other specified aplastic anemias")
(SETF (GETHASH '"284.9" ICD9-HASH-TABLE) "Aplastic anemia, unspecified")
(SETF (GETHASH '"285" ICD9-HASH-TABLE) "Other and unspecified anemias")
(SETF (GETHASH '"285.0" ICD9-HASH-TABLE) "Sideroblastic anemia")
(SETF (GETHASH '"285.1" ICD9-HASH-TABLE) "Acute posthemorrhagic anemia")
(SETF (GETHASH '"285.8" ICD9-HASH-TABLE) "Other specified anemias")
(SETF (GETHASH '"285.9" ICD9-HASH-TABLE) "Anemia, unspecified")
(SETF (GETHASH '"286" ICD9-HASH-TABLE) "Coagulation defects")
(SETF (GETHASH '"286.0" ICD9-HASH-TABLE)
      "Congenital factor VIII disorder")
(SETF (GETHASH '"286.1" ICD9-HASH-TABLE) "Congenital factor IX disorder")
(SETF (GETHASH '"286.2" ICD9-HASH-TABLE)
      "Congenital factor XI deficiency")
(SETF (GETHASH '"286.3" ICD9-HASH-TABLE)
      "Congenital deficiency of other clotting factors")
(SETF (GETHASH '"286.4" ICD9-HASH-TABLE) "von Willebrand's disease")
(SETF (GETHASH '"286.5" ICD9-HASH-TABLE)
      "Hemorrhagic disorder due to circulating anticoagulants")
(SETF (GETHASH '"286.6" ICD9-HASH-TABLE) "Defibrination syndrome")
(SETF (GETHASH '"286.7" ICD9-HASH-TABLE)
      "Acquired coagulation factor deficiency")
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(SETF (GETHASH '"286.9" ICD9-HASH-TABLE)
      "Other and unspecified coagulation defects")
(SETF (GETHASH '"287" ICD9-HASH-TABLE)
      "Purpura and other hemorrhagic conditions")
(SETF (GETHASH '"287.0" ICD9-HASH-TABLE) "Allergic purpura")
(SETF (GETHASH '"287.1" ICD9-HASH-TABLE) "Qualitative platelet defects")
(SETF (GETHASH '"287.2" ICD9-HASH-TABLE)
      "Other nonthrombocytopenic purpuras")
(SETF (GETHASH '"287.3" ICD9-HASH-TABLE) "Primary thrombocytopenia")
(SETF (GETHASH '"287.4" ICD9-HASH-TABLE) "Secondary thrombocytopenia")
(SETF (GETHASH '"287.5" ICD9-HASH-TABLE) "Thrombocytopenia, unspecified")
(SETF (GETHASH '"287.8" ICD9-HASH-TABLE)
      "Other specified hemorrhagic conditions")
(SETF (GETHASH '"287.9" ICD9-HASH-TABLE)
      "Unspecified hemorrhagic conditions")
(SETF (GETHASH '"288" ICD9-HASH-TABLE) "Diseases of white blood cells")
(SETF (GETHASH '"288.0" ICD9-HASH-TABLE) "Agranulocytosis")
(SETF (GETHASH '"288.1" ICD9-HASH-TABLE)
      "Functional disorders of polymorphonuclear neutrophils")
(SETF (GETHASH '"288.2" ICD9-HASH-TABLE)
      "Genetic anomalies of leukocytes")
(SETF (GETHASH '"288.3" ICD9-HASH-TABLE) "Eosinophilia")
(SETF (GETHASH '"288.8" ICD9-HASH-TABLE)
      "Other specified disease of white blood cells")
(SETF (GETHASH '"288.9" ICD9-HASH-TABLE)
      "Unspecified disease of white blood cells")
(SETF (GETHASH '"289" ICD9-HASH-TABLE)
      "Other diseases of blood and blood-forming organs")
(SETF (GETHASH '"289.0" ICD9-HASH-TABLE) "Polycythemia, secondary")
(SETF (GETHASH '"289.1" ICD9-HASH-TABLE) "Chronic lymphadenitis")
(SETF (GETHASH '"289.2" ICD9-HASH-TABLE)
      "Nonspecific mesenteric lymphadenitis")
(SETF (GETHASH '"289.3" ICD9-HASH-TABLE)
      "Lymphadenitis, unspecified, except mesenteric")
(SETF (GETHASH '"289.4" ICD9-HASH-TABLE) "Hypersplenism")
(SETF (GETHASH '"289.5" ICD9-HASH-TABLE) "Other diseases of spleen")
(SETF (GETHASH '"289.50" ICD9-HASH-TABLE)
      "Disease of spleen, unspecified")
(SETF (GETHASH '"289.51" ICD9-HASH-TABLE)
      "Chronic congestive splenomegaly")
(SETF (GETHASH '"289.59" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"289.6" ICD9-HASH-TABLE) "Familial polycythemia")
(SETF (GETHASH '"289.7" ICD9-HASH-TABLE) "Methemoglobinemia")
(SETF (GETHASH '"289.8" ICD9-HASH-TABLE)
      "Other specified diseases of blood and blood-forming organs")
(SETF (GETHASH '"289.9" ICD9-HASH-TABLE)
      "Unspecified diseases of blood and blood-forming organs")
(SETF (GETHASH '"ORGANIC PSYCHOTIC CONDITIONS (290-294)"
               ICD9-HASH-TABLE)
      "")
(SETF (GETHASH '"290" ICD9-HASH-TABLE)
      "Senile and presenile organic psychotic conditions")
(SETF (GETHASH '"290.0" ICD9-HASH-TABLE)
      "Senile dementia, uncomplicated")
(SETF (GETHASH '"290.1" ICD9-HASH-TABLE) "Presenile dementia")
(SETF (GETHASH '"290.10" ICD9-HASH-TABLE)
      "Presenile dementia, uncomplicated")
(SETF (GETHASH '"290.11" ICD9-HASH-TABLE)
      "Presenile dementia with delirium")
(SETF (GETHASH '"290.12" ICD9-HASH-TABLE)
      "Presenile dementia with delusional features")
(SETF (GETHASH '"290.13" ICD9-HASH-TABLE)
      "Presenile dementia with depressive features")
(SETF (GETHASH '"290.2" ICD9-HASH-TABLE)
      "Senile dementia with delusional or depressive features")
(SETF (GETHASH '"290.20" ICD9-HASH-TABLE)
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      "Senile dementia with delusional features")
(SETF (GETHASH '"290.21" ICD9-HASH-TABLE)
      "Senile dementia with depressive features")
(SETF (GETHASH '"290.3" ICD9-HASH-TABLE) "Senile dementia with delirium")
(SETF (GETHASH '"290.4" ICD9-HASH-TABLE) "Arteriosclerotic dementia")
(SETF (GETHASH '"290.40" ICD9-HASH-TABLE)
      "Arteriosclerotic dementia,uncomplicated")
(SETF (GETHASH '"290.41" ICD9-HASH-TABLE)
      "Arteriosclerotic dementia with delirium")
(SETF (GETHASH '"290.42" ICD9-HASH-TABLE)
      "Arteriosclerotic dementia with delusional features")
(SETF (GETHASH '"290.43" ICD9-HASH-TABLE)
      "Arteriosclerotic dementia with depressive features")
(SETF (GETHASH '"290.8" ICD9-HASH-TABLE)
      "Other specified senile psychotic conditions")
(SETF (GETHASH '"290.9" ICD9-HASH-TABLE)
      "Unspecified senile psychotic condition")
(SETF (GETHASH '"291" ICD9-HASH-TABLE) "Alcoholic psychoses")
(SETF (GETHASH '"291.0" ICD9-HASH-TABLE) "Alcohol withdrawal delirium")
(SETF (GETHASH '"291.1" ICD9-HASH-TABLE) "Alcohol amnestic syndrome")
(SETF (GETHASH '"291.2" ICD9-HASH-TABLE) "Other alcoholic dementia")
(SETF (GETHASH '"291.3" ICD9-HASH-TABLE)
      "Alcohol withdrawal hallucinosis")
(SETF (GETHASH '"291.4" ICD9-HASH-TABLE)
      "Idiosyncratic alcohol intoxication")
(SETF (GETHASH '"291.5" ICD9-HASH-TABLE) "Alcoholic jealousy")
(SETF (GETHASH '"291.8" ICD9-HASH-TABLE)
      "Other specified alcoholic psychosis")
(SETF (GETHASH '"291.81" ICD9-HASH-TABLE) "Alcohol withdrawl")
(SETF (GETHASH '"291.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"291.9" ICD9-HASH-TABLE)
      "Unspecified alcoholic psychosis")
(SETF (GETHASH '"292" ICD9-HASH-TABLE) "Drug psychoses")
(SETF (GETHASH '"292.0" ICD9-HASH-TABLE) "Drug withdrawal syndrome")
(SETF (GETHASH '"292.1" ICD9-HASH-TABLE)
      "Paranoid and/or hallucinatory states induced by drugs")
(SETF (GETHASH '"292.11" ICD9-HASH-TABLE)
      "Drug-induced organic delusional syndrome")
(SETF (GETHASH '"292.12" ICD9-HASH-TABLE) "Drug-induced hallucinosis")
(SETF (GETHASH '"292.2" ICD9-HASH-TABLE)
      "Pathological drug intoxication")
(SETF (GETHASH '"292.8" ICD9-HASH-TABLE)
      "Other specified drug-induced mental disorders")
(SETF (GETHASH '"292.81" ICD9-HASH-TABLE) "Drug-induced delirium")
(SETF (GETHASH '"292.82" ICD9-HASH-TABLE) "Drug-induced dementia")
(SETF (GETHASH '"292.83" ICD9-HASH-TABLE)
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(SETF (GETHASH '"292.84" ICD9-HASH-TABLE)
      "Drug-induced organic affective syndrome")
(SETF (GETHASH '"292.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"292.9" ICD9-HASH-TABLE)
      "Unspecified drug-induced mental disorder")
(SETF (GETHASH '"293" ICD9-HASH-TABLE)
      "Transient organic psychotic conditions")
(SETF (GETHASH '"293.0" ICD9-HASH-TABLE) "Acute delirium")
(SETF (GETHASH '"293.1" ICD9-HASH-TABLE) "Subacute delirium")
(SETF (GETHASH '"293.8" ICD9-HASH-TABLE)
      "Other specified transient organic mental disorders")
(SETF (GETHASH '"293.81" ICD9-HASH-TABLE) "Organic delusional syndrome")
(SETF (GETHASH '"293.82" ICD9-HASH-TABLE)
      "Organic hallucinosis syndrome")
(SETF (GETHASH '"293.83" ICD9-HASH-TABLE) "Organic affective syndrome")
(SETF (GETHASH '"293.84" ICD9-HASH-TABLE) "Organic anxiety syndrome")
(SETF (GETHASH '"293.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"293.9" ICD9-HASH-TABLE)
      "Unspecified transient organic mental disorder")
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      "Other organic psychotic conditions (chronic)")
(SETF (GETHASH '"294.0" ICD9-HASH-TABLE) "Amnestic syndrome")
(SETF (GETHASH '"294.1" ICD9-HASH-TABLE)
      "Dementia in conditions classified elsewhere")
(SETF (GETHASH '"294.8" ICD9-HASH-TABLE)
      "Other specified organic brain syndromes (chronic)")
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      "Unspecified organic brain syndrome (chronic)")
(SETF (GETHASH '"OTHER PSYCHOSES (295-299)" ICD9-HASH-TABLE) "")
(SETF (GETHASH '"295" ICD9-HASH-TABLE) "Schizophrenic disorders")
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(SETF (GETHASH '"295.1" ICD9-HASH-TABLE) "Disorganized type")
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(SETF (GETHASH '"295.5" ICD9-HASH-TABLE) "Latent schizophrenia")
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(SETF (GETHASH '"295.9" ICD9-HASH-TABLE) "Unspecified schizophrenia")
(SETF (GETHASH '"296" ICD9-HASH-TABLE) "Affective psychoses")
(SETF (GETHASH '"296.0" ICD9-HASH-TABLE)
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(SETF (GETHASH '"296.1" ICD9-HASH-TABLE)
      "Manic disorder, recurrent episode")
(SETF (GETHASH '"296.2" ICD9-HASH-TABLE)
      "Major depressive disorder, single episode")
(SETF (GETHASH '"296.3" ICD9-HASH-TABLE)
      "Major depressive disorder, recurrent episode")
(SETF (GETHASH '"296.4" ICD9-HASH-TABLE)
      "Bipolar affective disorder, manic")
(SETF (GETHASH '"296.5" ICD9-HASH-TABLE)
      "Bipolar affective disorder, depressed")
(SETF (GETHASH '"296.6" ICD9-HASH-TABLE)
      "Bipolar affective disorder, mixed")
(SETF (GETHASH '"296.7" ICD9-HASH-TABLE)
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(SETF (GETHASH '"296.8" ICD9-HASH-TABLE)
      "Manic-depressive psychosis, other and unspecified")
(SETF (GETHASH '"296.80" ICD9-HASH-TABLE)
      "Manic-depressive psychosis, unspecified")
(SETF (GETHASH '"296.81" ICD9-HASH-TABLE) "Atypical manic disorder")
(SETF (GETHASH '"296.82" ICD9-HASH-TABLE) "Atypical depressive disorder")
(SETF (GETHASH '"296.89" ICD9-HASH-TABLE) "Other")
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      "Other and unspecified affective psychoses")
(SETF (GETHASH '"296.90" ICD9-HASH-TABLE)
      "Unspecified affective psychosis")
(SETF (GETHASH '"296.99" ICD9-HASH-TABLE)
      "Other specified affective psychoses")
(SETF (GETHASH '"297" ICD9-HASH-TABLE) "Paranoid states")
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(SETF (GETHASH '"297.2" ICD9-HASH-TABLE) "Paraphrenia")
(SETF (GETHASH '"297.8" ICD9-HASH-TABLE)
      "Other specified paranoid states")
(SETF (GETHASH '"297.9" ICD9-HASH-TABLE) "Unspecified paranoid state")
(SETF (GETHASH '"298" ICD9-HASH-TABLE) "Other nonorganic psychoses")
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(SETF (GETHASH '"298.2" ICD9-HASH-TABLE) "Reactive confusion")
(SETF (GETHASH '"298.3" ICD9-HASH-TABLE) "Acute paranoid reaction")
(SETF (GETHASH '"298.4" ICD9-HASH-TABLE)
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(SETF (GETHASH '"298.9" ICD9-HASH-TABLE) "Unspecified psychosis")
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      "Psychoses with origin specific to childhood")
(SETF (GETHASH '"299.0" ICD9-HASH-TABLE) "Infantile autism")
(SETF (GETHASH '"299.1" ICD9-HASH-TABLE) "Disintegrative psychosis")
(SETF (GETHASH '"299.8" ICD9-HASH-TABLE)
      "Other specified early childhood psychoses")
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(SETF (GETHASH '"300.0" ICD9-HASH-TABLE) "Anxiety states")
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(SETF (GETHASH '"300.13" ICD9-HASH-TABLE) "Psychogenic fugue")
(SETF (GETHASH '"300.14" ICD9-HASH-TABLE) "Multiple personality")
(SETF (GETHASH '"300.15" ICD9-HASH-TABLE)
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(SETF (GETHASH '"300.16" ICD9-HASH-TABLE)
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(SETF (GETHASH '"300.22" ICD9-HASH-TABLE)
      "Agoraphobia without mention of panic attacks")
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(SETF (GETHASH '"300.29" ICD9-HASH-TABLE)
      "Other isolated or simple phobias")
(SETF (GETHASH '"300.3" ICD9-HASH-TABLE)
      "Obsessive-compulsive disorders")
(SETF (GETHASH '"300.4" ICD9-HASH-TABLE) "Neurotic depression")
(SETF (GETHASH '"300.5" ICD9-HASH-TABLE) "Neurasthenia")
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(SETF (GETHASH '"300.82" ICD9-HASH-TABLE)
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(SETF (GETHASH '"300.9" ICD9-HASH-TABLE) "Unspecified neurotic disorder")
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      "Affective personality disorder")
(SETF (GETHASH '"301.10" ICD9-HASH-TABLE)
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(SETF (GETHASH '"301.21" ICD9-HASH-TABLE) "Introverted personality")
(SETF (GETHASH '"301.22" ICD9-HASH-TABLE) "Schizotypal personality")
(SETF (GETHASH '"301.3" ICD9-HASH-TABLE)
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(SETF (GETHASH '"301.4" ICD9-HASH-TABLE)
      "Compulsive personality disorder")
(SETF (GETHASH '"301.5" ICD9-HASH-TABLE)
      "Histrionic personality disorder")
(SETF (GETHASH '"301.50" ICD9-HASH-TABLE)
      "Histrionic personality disorder, unspecified")
(SETF (GETHASH '"301.51" ICD9-HASH-TABLE)
      "Chronic factitious illness with physical symptoms")
(SETF (GETHASH '"301.59" ICD9-HASH-TABLE)
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(SETF (GETHASH '"301.6" ICD9-HASH-TABLE)
      "Dependent personality disorder")
(SETF (GETHASH '"301.7" ICD9-HASH-TABLE)
      "Antisocial personality disorder")
(SETF (GETHASH '"301.8" ICD9-HASH-TABLE) "Other personality disorders")
(SETF (GETHASH '"301.81" ICD9-HASH-TABLE) "Narcissistic personality")
(SETF (GETHASH '"301.82" ICD9-HASH-TABLE) "Avoidant personality")
(SETF (GETHASH '"301.83" ICD9-HASH-TABLE) "Borderline personality")
(SETF (GETHASH '"301.84" ICD9-HASH-TABLE)
      "Passive-aggressive personality")
(SETF (GETHASH '"301.89" ICD9-HASH-TABLE) "Other")
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      "Unspecified personality disorder")
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(SETF (GETHASH '"302.2" ICD9-HASH-TABLE) "Pedophilia")
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(SETF (GETHASH '"302.71" ICD9-HASH-TABLE) "With inhibited sexual desire")
(SETF (GETHASH '"302.72" ICD9-HASH-TABLE)
      "With inhibited sexual excitement")
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(SETF (GETHASH '"302.74" ICD9-HASH-TABLE) "With inhibited male orgasm")
(SETF (GETHASH '"302.75" ICD9-HASH-TABLE) "With premature ejaculation")
(SETF (GETHASH '"302.76" ICD9-HASH-TABLE) "With functional dyspareunia")
(SETF (GETHASH '"302.79" ICD9-HASH-TABLE)
      "With other specified psychosexual dysfunctions")
(SETF (GETHASH '"302.8" ICD9-HASH-TABLE)
      "Other specified psychosexual disorders")
(SETF (GETHASH '"302.81" ICD9-HASH-TABLE) "Fetishism")
(SETF (GETHASH '"302.82" ICD9-HASH-TABLE) "Voyeurism")
(SETF (GETHASH '"302.83" ICD9-HASH-TABLE) "Sexual masochism")
(SETF (GETHASH '"302.84" ICD9-HASH-TABLE) "Sexual sadism")
(SETF (GETHASH '"302.85" ICD9-HASH-TABLE)
      "Gender identity disorder of adolescent or adult life")
(SETF (GETHASH '"302.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"302.9" ICD9-HASH-TABLE)
      "Unspecified psychosexual disorder")
(SETF (GETHASH '"303" ICD9-HASH-TABLE) "Alcohol dependence syndrome")
(SETF (GETHASH '"303.0" ICD9-HASH-TABLE) "Acute alcoholic intoxication")
(SETF (GETHASH '"303.9" ICD9-HASH-TABLE)
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(SETF (GETHASH '"304" ICD9-HASH-TABLE) "Drug dependence")
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(SETF (GETHASH '"304.1" ICD9-HASH-TABLE)
      "Barbiturate and similarly acting sedative or hypnotic dependence")
(SETF (GETHASH '"304.2" ICD9-HASH-TABLE) "Cocaine dependence")
(SETF (GETHASH '"304.3" ICD9-HASH-TABLE) "Cannabis dependence")
(SETF (GETHASH '"304.4" ICD9-HASH-TABLE)
      "Amphetamine and other psychostimulant dependence")
(SETF (GETHASH '"304.5" ICD9-HASH-TABLE) "Hallucinogen dependence")
(SETF (GETHASH '"304.6" ICD9-HASH-TABLE)
      "Other specified drug dependence")
(SETF (GETHASH '"304.7" ICD9-HASH-TABLE)
      "Combinations of opioid type drug with any other")
(SETF (GETHASH '"304.8" ICD9-HASH-TABLE)
      "Combinations of drug dependence excluding opioid type drug")
(SETF (GETHASH '"304.9" ICD9-HASH-TABLE) "Unspecified drug dependence")
(SETF (GETHASH '"305" ICD9-HASH-TABLE) "Nondependent abuse of drugs")
(SETF (GETHASH '"305.0" ICD9-HASH-TABLE) "Alcohol abuse")
(SETF (GETHASH '"305.1" ICD9-HASH-TABLE) "Tobacco use disorder")
(SETF (GETHASH '"305.2" ICD9-HASH-TABLE) "Cannabis abuse")
(SETF (GETHASH '"305.3" ICD9-HASH-TABLE) "Hallucinogen abuse")
(SETF (GETHASH '"305.4" ICD9-HASH-TABLE)
      "Barbiturate and similarly acting sedative or hypnotic abuse")
(SETF (GETHASH '"305.5" ICD9-HASH-TABLE) "Opioid abuse")
(SETF (GETHASH '"305.6" ICD9-HASH-TABLE) "Cocaine abuse")
(SETF (GETHASH '"305.7" ICD9-HASH-TABLE)
      "Amphetamine or related acting sympathomimetic abuse")
(SETF (GETHASH '"305.8" ICD9-HASH-TABLE) "Antidepressant type abuse")
(SETF (GETHASH '"305.9" ICD9-HASH-TABLE)
      "Other, mixed, or unspecified drug abuse")
(SETF (GETHASH '"306" ICD9-HASH-TABLE)
      "Physiological malfunction arising from mental factors")
(SETF (GETHASH '"306.0" ICD9-HASH-TABLE) "Musculoskeletal")
(SETF (GETHASH '"306.1" ICD9-HASH-TABLE) "Respiratory")
(SETF (GETHASH '"306.2" ICD9-HASH-TABLE) "Cardiovascular")
(SETF (GETHASH '"306.3" ICD9-HASH-TABLE) "Skin")
(SETF (GETHASH '"306.4" ICD9-HASH-TABLE) "Gastrointestinal")
(SETF (GETHASH '"306.50" ICD9-HASH-TABLE)
      "Psychogenic genitourinary malfunction, unspecified")
(SETF (GETHASH '"306.51" ICD9-HASH-TABLE) "Psychogenic vaginismus")
(SETF (GETHASH '"306.52" ICD9-HASH-TABLE) "Psychogenic dysmenorrhea")
(SETF (GETHASH '"306.53" ICD9-HASH-TABLE) "Psychogenic dysuria")
(SETF (GETHASH '"306.59" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"306.6" ICD9-HASH-TABLE) "Endocrine")
(SETF (GETHASH '"306.7" ICD9-HASH-TABLE) "Organs of special sense")
(SETF (GETHASH '"306.8" ICD9-HASH-TABLE)
      "Other specified psychophysiological malfunction")
(SETF (GETHASH '"306.9" ICD9-HASH-TABLE)
      "Unspecified psychophysiological malfunction")
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(SETF (GETHASH '"307.1" ICD9-HASH-TABLE) "Anorexia nervosa")
(SETF (GETHASH '"307.2" ICD9-HASH-TABLE) "Tics")
(SETF (GETHASH '"307.20" ICD9-HASH-TABLE) "Tic disorder, unspecified")
(SETF (GETHASH '"307.21" ICD9-HASH-TABLE)
      "Transient tic disorder of childhood")
(SETF (GETHASH '"307.22" ICD9-HASH-TABLE) "Chronic motor tic disorder")
(SETF (GETHASH '"307.23" ICD9-HASH-TABLE)
      "Gilles de la Tourette's disorder")
(SETF (GETHASH '"307.3" ICD9-HASH-TABLE)
      "Stereotyped repetitive movements")
(SETF (GETHASH '"307.4" ICD9-HASH-TABLE)
      "Specific disorders of sleep of nonorganic origin")
(SETF (GETHASH '"307.40" ICD9-HASH-TABLE)
      "Nonorganic sleep disorder, unspecified")
(SETF (GETHASH '"307.41" ICD9-HASH-TABLE)
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      "Transient disorder of initiating or maintaining sleep")
(SETF (GETHASH '"307.42" ICD9-HASH-TABLE)
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(SETF (GETHASH '"307.43" ICD9-HASH-TABLE)
      "Transient disorder of initiating or maintaining wakefulness")
(SETF (GETHASH '"307.44" ICD9-HASH-TABLE)
      "Persistent disorder of initiating or maintaining wakefulness")
(SETF (GETHASH '"307.45" ICD9-HASH-TABLE)
      "Phase-shift disruption of 24-hour sleep-wake cycle")
(SETF (GETHASH '"307.46" ICD9-HASH-TABLE)
      "Somnambulism or night terrors")
(SETF (GETHASH '"307.47" ICD9-HASH-TABLE)
      "Other dysfunctions of sleep stages or arousal from sleep")
(SETF (GETHASH '"307.48" ICD9-HASH-TABLE)
      "Repetitive intrusions of sleep")
(SETF (GETHASH '"307.49" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"307.5" ICD9-HASH-TABLE)
      "Other and unspecified disorders of eating")
(SETF (GETHASH '"307.50" ICD9-HASH-TABLE) "Eating disorder, unspecified")
(SETF (GETHASH '"307.51" ICD9-HASH-TABLE) "Bulimia")
(SETF (GETHASH '"307.52" ICD9-HASH-TABLE) "Pica")
(SETF (GETHASH '"307.53" ICD9-HASH-TABLE) "Psychogenic rumination")
(SETF (GETHASH '"307.54" ICD9-HASH-TABLE) "Psychogenic vomiting")
(SETF (GETHASH '"307.59" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"307.6" ICD9-HASH-TABLE) "Enuresis")
(SETF (GETHASH '"307.7" ICD9-HASH-TABLE) "Encopresis")
(SETF (GETHASH '"307.8" ICD9-HASH-TABLE) "Psychalgia")
(SETF (GETHASH '"307.80" ICD9-HASH-TABLE)
      "Psychogenic pain, site unspecified")
(SETF (GETHASH '"307.81" ICD9-HASH-TABLE) "Tension headache")
(SETF (GETHASH '"307.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"307.9" ICD9-HASH-TABLE)
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(SETF (GETHASH '"308" ICD9-HASH-TABLE) "Acute reaction to stress")
(SETF (GETHASH '"308.0" ICD9-HASH-TABLE)
      "Predominant disturbance of emotions")
(SETF (GETHASH '"308.1" ICD9-HASH-TABLE)
      "Predominant disturbance of consciousness")
(SETF (GETHASH '"308.2" ICD9-HASH-TABLE)
      "Predominant psychomotor disturbance")
(SETF (GETHASH '"308.3" ICD9-HASH-TABLE)
      "Other acute reactions to stress")
(SETF (GETHASH '"308.4" ICD9-HASH-TABLE)
      "Mixed disorders as reaction to stress")
(SETF (GETHASH '"308.9" ICD9-HASH-TABLE)
      "Unspecified acute reaction to stress")
(SETF (GETHASH '"309" ICD9-HASH-TABLE) "Adjustment reaction")
(SETF (GETHASH '"309.0" ICD9-HASH-TABLE) "Brief depressive reaction")
(SETF (GETHASH '"309.1" ICD9-HASH-TABLE) "Prolonged depressive reaction")
(SETF (GETHASH '"309.2" ICD9-HASH-TABLE)
      "With predominant disturbance of other emotions")
(SETF (GETHASH '"309.21" ICD9-HASH-TABLE) "Separation anxiety disorder")
(SETF (GETHASH '"309.22" ICD9-HASH-TABLE)
      "Emancipation disorder of adolescence and early adult life")
(SETF (GETHASH '"309.23" ICD9-HASH-TABLE)
      "Specific academic or work inhibition")
(SETF (GETHASH '"309.24" ICD9-HASH-TABLE)
      "Adjustment reaction with anxious mood")
(SETF (GETHASH '"309.28" ICD9-HASH-TABLE)
      "Adjustment reaction with mixed emotional features")
(SETF (GETHASH '"309.29" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"309.3" ICD9-HASH-TABLE)
      "With predominant disturbance of conduct")
(SETF (GETHASH '"309.4" ICD9-HASH-TABLE)
      "With mixed disturbance of emotions and conduct")
(SETF (GETHASH '"309.8" ICD9-HASH-TABLE)
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      "Other specified adjustment reactions")
(SETF (GETHASH '"309.81" ICD9-HASH-TABLE)
      "Prolonged posttraumatic stress disorder")
(SETF (GETHASH '"309.82" ICD9-HASH-TABLE)
      "Adjustment reaction with physical symptoms")
(SETF (GETHASH '"309.83" ICD9-HASH-TABLE)
      "Adjustment reaction with withdrawal")
(SETF (GETHASH '"309.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"309.9" ICD9-HASH-TABLE)
      "Unspecified adjustment reaction")
(SETF (GETHASH '"310" ICD9-HASH-TABLE)
      "Specific nonpsychotic mental disorders due to organic brain damage")
(SETF (GETHASH '"310.0" ICD9-HASH-TABLE) "Frontal lobe syndrome")
(SETF (GETHASH '"310.1" ICD9-HASH-TABLE) "Organic personality syndrome")
(SETF (GETHASH '"310.2" ICD9-HASH-TABLE) "Postconcussion syndrome")
(SETF (GETHASH '"310.8" ICD9-HASH-TABLE)
      "Other specified nonpsychotic mental disorders following organic brain damage")
(SETF (GETHASH '"310.9" ICD9-HASH-TABLE)
      "Unspecified nonpsychotic mental disorder following organic brain damage")
(SETF (GETHASH '"311" ICD9-HASH-TABLE)
      "Depressive disorder, not elsewhere classified")
(SETF (GETHASH '"312" ICD9-HASH-TABLE)
      "Disturbance of conduct, not elsewhere classified")
(SETF (GETHASH '"312.0" ICD9-HASH-TABLE)
      "Undersocialized conduct disorder, aggressive type")
(SETF (GETHASH '"312.1" ICD9-HASH-TABLE)
      "Undersocialized conduct disorder, unaggressive type")
(SETF (GETHASH '"312.2" ICD9-HASH-TABLE) "Socialized conduct disorder")
(SETF (GETHASH '"312.3" ICD9-HASH-TABLE)
      "Disorders of impulse control, not elsewhere classified")
(SETF (GETHASH '"312.30" ICD9-HASH-TABLE)
      "Impulse control disorder, unspecified")
(SETF (GETHASH '"312.31" ICD9-HASH-TABLE) "Pathological gambling")
(SETF (GETHASH '"312.32" ICD9-HASH-TABLE) "Kleptomania")
(SETF (GETHASH '"312.33" ICD9-HASH-TABLE) "Pyromania")
(SETF (GETHASH '"312.34" ICD9-HASH-TABLE)
      "Intermittent explosive disorder")
(SETF (GETHASH '"312.35" ICD9-HASH-TABLE) "Isolated explosive disorder")
(SETF (GETHASH '"312.39" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"312.4" ICD9-HASH-TABLE)
      "Mixed disturbance of conduct and emotions")
(SETF (GETHASH '"312.8" ICD9-HASH-TABLE)
      "Other specified disturbances of conduct, not elsewhere classified")
(SETF (GETHASH '"312.81" ICD9-HASH-TABLE)
      "Conduct disorder, childhood onset type")
(SETF (GETHASH '"312.82" ICD9-HASH-TABLE)
      "Conduct disorder, adolescent onset type")
(SETF (GETHASH '"312.89" ICD9-HASH-TABLE) "Other conduct disorder")
(SETF (GETHASH '"312.9" ICD9-HASH-TABLE)
      "Unspecified disturbance of conduct")
(SETF (GETHASH '"313" ICD9-HASH-TABLE)
      "Disturbance of emotions specific to childhood and adolescence")
(SETF (GETHASH '"313.0" ICD9-HASH-TABLE) "Overanxious disorder")
(SETF (GETHASH '"313.1" ICD9-HASH-TABLE)
      "Misery and unhappiness disorder")
(SETF (GETHASH '"313.2" ICD9-HASH-TABLE)
      "Sensitivity, shyness, and social withdrawal disorder")
(SETF (GETHASH '"313.21" ICD9-HASH-TABLE)
      "Shyness disorder of childhood")
(SETF (GETHASH '"313.22" ICD9-HASH-TABLE)
      "Introverted disorder of childhood")
(SETF (GETHASH '"313.23" ICD9-HASH-TABLE) "Elective mutism")
(SETF (GETHASH '"313.3" ICD9-HASH-TABLE) "Relationship problems")
(SETF (GETHASH '"313.8" ICD9-HASH-TABLE)
      "Other or mixed emotional disturbances of childhood or adolescence")
(SETF (GETHASH '"313.81" ICD9-HASH-TABLE) "Oppositional disorder")
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(SETF (GETHASH '"313.82" ICD9-HASH-TABLE) "Identity disorder")
(SETF (GETHASH '"313.83" ICD9-HASH-TABLE)
      "Academic underachievement disorder")
(SETF (GETHASH '"313.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"313.9" ICD9-HASH-TABLE)
      "Unspecified emotional disturbance of childhood")
(SETF (GETHASH '"314" ICD9-HASH-TABLE)
      "Hyperkinetic syndrome of childhood")
(SETF (GETHASH '"314.0" ICD9-HASH-TABLE) "Attention deficit disorder")
(SETF (GETHASH '"314.00" ICD9-HASH-TABLE)
      "Without mention of hyperactivity")
(SETF (GETHASH '"314.01" ICD9-HASH-TABLE) "With hyperactivity")
(SETF (GETHASH '"314.1" ICD9-HASH-TABLE)
      "Hyperkinesis with developmental delay")
(SETF (GETHASH '"314.2" ICD9-HASH-TABLE) "Hyperkinetic conduct disorder")
(SETF (GETHASH '"314.8" ICD9-HASH-TABLE)
      "Other specified manifestations of hyperkinetic syndrome")
(SETF (GETHASH '"314.9" ICD9-HASH-TABLE)
      "Unspecified hyperkinetic syndrome")
(SETF (GETHASH '"315" ICD9-HASH-TABLE) "Specific delays in development")
(SETF (GETHASH '"315.0" ICD9-HASH-TABLE) "Specific reading disorder")
(SETF (GETHASH '"315.00" ICD9-HASH-TABLE)
      "Reading disorder, unspecified")
(SETF (GETHASH '"315.01" ICD9-HASH-TABLE) "Alexia")
(SETF (GETHASH '"315.02" ICD9-HASH-TABLE) "Developmental dyslexia")
(SETF (GETHASH '"315.09" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"315.1" ICD9-HASH-TABLE)
      "Specific arithmetical disorder")
(SETF (GETHASH '"315.2" ICD9-HASH-TABLE)
      "Other specific learning difficulties")
(SETF (GETHASH '"315.3" ICD9-HASH-TABLE)
      "Developmental speech or language disorder")
(SETF (GETHASH '"315.31" ICD9-HASH-TABLE)
      "Developmental language disorder")
(SETF (GETHASH '"315.32" ICD9-HASH-TABLE)
      "Receptive language disorder (mixed)")
(SETF (GETHASH '"315.39" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"315.4" ICD9-HASH-TABLE) "Coordination disorder")
(SETF (GETHASH '"315.5" ICD9-HASH-TABLE) "Mixed development disorder")
(SETF (GETHASH '"315.8" ICD9-HASH-TABLE)
      "Other specified delays in development")
(SETF (GETHASH '"315.9" ICD9-HASH-TABLE)
      "Unspecified delay in development")
(SETF (GETHASH '"316" ICD9-HASH-TABLE)
      "Psychic factors associated with diseases classified elsewhere")
(SETF (GETHASH '"317" ICD9-HASH-TABLE) "Mild mental retardation")
(SETF (GETHASH '"318" ICD9-HASH-TABLE)
      "Other specified mental retardation")
(SETF (GETHASH '"318.0" ICD9-HASH-TABLE) "Moderate mental retardation")
(SETF (GETHASH '"318.1" ICD9-HASH-TABLE) "Severe mental retardation")
(SETF (GETHASH '"318.2" ICD9-HASH-TABLE) "Profound mental retardation")
(SETF (GETHASH '"319" ICD9-HASH-TABLE) "Unspecified mental retardation")
(SETF (GETHASH '"320" ICD9-HASH-TABLE) "Bacterial meningitis")
(SETF (GETHASH '"320.0" ICD9-HASH-TABLE) "Hemophilus meningitis")
(SETF (GETHASH '"320.1" ICD9-HASH-TABLE) "Pneumococcal meningitis")
(SETF (GETHASH '"320.2" ICD9-HASH-TABLE) "Streptococcal meningitis")
(SETF (GETHASH '"320.3" ICD9-HASH-TABLE) "Staphylococcal meningitis")
(SETF (GETHASH '"320.7" ICD9-HASH-TABLE)
      "Meningitis in other bacterial diseases classified elsewhere")
(SETF (GETHASH '"320.8" ICD9-HASH-TABLE)
      "Meningitis due to other specified bacteria")
(SETF (GETHASH '"320.81" ICD9-HASH-TABLE) "Anaerobic meningitis")
(SETF (GETHASH '"320.82" ICD9-HASH-TABLE)
      "Meningitis due to gram-negative bacteria, not elsewhere classified")
(SETF (GETHASH '"320.89" ICD9-HASH-TABLE)
      "Meningitis due to other specified bacteria")
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(SETF (GETHASH '"320.9" ICD9-HASH-TABLE)
      "Meningitis due to unspecified bacterium")
(SETF (GETHASH '"321" ICD9-HASH-TABLE)
      "Meningitis due to other organisms")
(SETF (GETHASH '"321.0" ICD9-HASH-TABLE) "Cryptococcal meningitis")
(SETF (GETHASH '"321.1" ICD9-HASH-TABLE)
      "Meningitis in other fungal diseases")
(SETF (GETHASH '"321.2" ICD9-HASH-TABLE)
      "Meningitis due to viruses not elsewhere classified")
(SETF (GETHASH '"321.3" ICD9-HASH-TABLE)
      "Meningitis due to trypanosomiasis")
(SETF (GETHASH '"321.4" ICD9-HASH-TABLE) "Meningitis in sarcoidosis")
(SETF (GETHASH '"321.8" ICD9-HASH-TABLE)
      "Meningitis due to other nonbacterial organisms classified elsewhere")
(SETF (GETHASH '"322" ICD9-HASH-TABLE) "Meningitis of unspecified cause")
(SETF (GETHASH '"322.0" ICD9-HASH-TABLE) "Nonpyogenic meningitis")
(SETF (GETHASH '"322.1" ICD9-HASH-TABLE) "Eosinophilic meningitis")
(SETF (GETHASH '"322.2" ICD9-HASH-TABLE) "Chronic meningitis")
(SETF (GETHASH '"322.9" ICD9-HASH-TABLE) "Meningitis, unspecified")
(SETF (GETHASH '"323" ICD9-HASH-TABLE)
      "Encephalitis, myelitis, and encephalomyelitis")
(SETF (GETHASH '"323.0" ICD9-HASH-TABLE)
      "Encephalitis in viral diseases classified elsewhere")
(SETF (GETHASH '"323.1" ICD9-HASH-TABLE)
      "Encephalitis in rickettsial diseases classified elsewhere")
(SETF (GETHASH '"323.2" ICD9-HASH-TABLE)
      "Encephalitis in protozoal diseases classified elsewhere")
(SETF (GETHASH '"323.4" ICD9-HASH-TABLE)
      "Other encephalitis due to infection classified elsewhere")
(SETF (GETHASH '"323.5" ICD9-HASH-TABLE)
      "Encephalitis following immunization procedures")
(SETF (GETHASH '"323.6" ICD9-HASH-TABLE) "Postinfectious encephalitis")
(SETF (GETHASH '"323.7" ICD9-HASH-TABLE) "Toxic encephalitis")
(SETF (GETHASH '"323.8" ICD9-HASH-TABLE) "Other causes of encephalitis")
(SETF (GETHASH '"323.9" ICD9-HASH-TABLE)
      "Unspecified cause of encephalitis")
(SETF (GETHASH '"324" ICD9-HASH-TABLE)
      "Intracranial and intraspinal abscess")
(SETF (GETHASH '"324.0" ICD9-HASH-TABLE) "Intracranial abscess")
(SETF (GETHASH '"324.1" ICD9-HASH-TABLE) "Intraspinal abscess")
(SETF (GETHASH '"324.9" ICD9-HASH-TABLE) "Of unspecified site")
(SETF (GETHASH '"325" ICD9-HASH-TABLE)
      "Phlebitis and thrombophlebitis of intracranial venous sinuses")
(SETF (GETHASH '"326" ICD9-HASH-TABLE)
      "Late effects of intracranial abscess or pyogenic infection")
(SETF (GETHASH '"330" ICD9-HASH-TABLE)
      "Cerebral degenerations usually manifest in childhood")
(SETF (GETHASH '"330.0" ICD9-HASH-TABLE) "Leukodystrophy")
(SETF (GETHASH '"330.1" ICD9-HASH-TABLE) "Cerebral lipidoses")
(SETF (GETHASH '"330.2" ICD9-HASH-TABLE)
      "Cerebral degeneration in generalized lipidoses")
(SETF (GETHASH '"330.3" ICD9-HASH-TABLE)
      "Cerebral degeneration of childhood in other diseases classified elsewhere")
(SETF (GETHASH '"330.8" ICD9-HASH-TABLE)
      "Other specified cerebral degenerations in childhood")
(SETF (GETHASH '"330.9" ICD9-HASH-TABLE)
      "Unspecified cerebral degeneration in childhood")
(SETF (GETHASH '"331" ICD9-HASH-TABLE) "Other cerebral degenerations")
(SETF (GETHASH '"331.0" ICD9-HASH-TABLE) "Alzheimer's disease")
(SETF (GETHASH '"331.1" ICD9-HASH-TABLE) "Pick's disease")
(SETF (GETHASH '"331.2" ICD9-HASH-TABLE) "Senile degeneration of brain")
(SETF (GETHASH '"331.3" ICD9-HASH-TABLE) "Communicating hydrocephalus")
(SETF (GETHASH '"331.4" ICD9-HASH-TABLE) "Obstructive hydrocephalus")
(SETF (GETHASH '"331.7" ICD9-HASH-TABLE)
      "Cerebral degeneration in diseases classified elsewhere")
(SETF (GETHASH '"331.81" ICD9-HASH-TABLE) "Reye's syndrome")
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(SETF (GETHASH '"331.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"331.9" ICD9-HASH-TABLE)
      "Cerebral degeneration, unspecified")
(SETF (GETHASH '"332" ICD9-HASH-TABLE) "Parkinson's disease")
(SETF (GETHASH '"332.0" ICD9-HASH-TABLE) "Paralysis agitans")
(SETF (GETHASH '"332.1" ICD9-HASH-TABLE) "Secondary Parkinsonism")
(SETF (GETHASH '"333" ICD9-HASH-TABLE)
      "Other extrapyramidal disease and abnormal movement disorders")
(SETF (GETHASH '"333.0" ICD9-HASH-TABLE)
      "Other degenerative diseases of the basal ganglia")
(SETF (GETHASH '"333.1" ICD9-HASH-TABLE)
      "Essential and other specified forms of tremor")
(SETF (GETHASH '"333.2" ICD9-HASH-TABLE) "Myoclonus")
(SETF (GETHASH '"333.3" ICD9-HASH-TABLE) "Tics of organic origin")
(SETF (GETHASH '"333.4" ICD9-HASH-TABLE) "Huntington's chorea")
(SETF (GETHASH '"333.5" ICD9-HASH-TABLE) "Other choreas")
(SETF (GETHASH '"333.6" ICD9-HASH-TABLE) "Idiopathic torsion dystonia")
(SETF (GETHASH '"333.7" ICD9-HASH-TABLE) "Symptomatic torsion dystonia")
(SETF (GETHASH '"333.8" ICD9-HASH-TABLE) "Fragments of torsion dystonia")
(SETF (GETHASH '"333.81" ICD9-HASH-TABLE) "Blepharospasm")
(SETF (GETHASH '"333.82" ICD9-HASH-TABLE) "Orofacial dyskinesia")
(SETF (GETHASH '"333.83" ICD9-HASH-TABLE) "Spasmodic torticollis")
(SETF (GETHASH '"333.84" ICD9-HASH-TABLE) "Organic writers' cramp")
(SETF (GETHASH '"333.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"333.9" ICD9-HASH-TABLE)
      "Other and unspecified extrapyramidal diseases and abnormal movement disorders")
(SETF (GETHASH '"333.90" ICD9-HASH-TABLE)
      "Unspecified extrapyramidal disease and abnormal movement disorder")
(SETF (GETHASH '"333.91" ICD9-HASH-TABLE) "Stiff-man syndrome")
(SETF (GETHASH '"333.92" ICD9-HASH-TABLE)
      "Neuroleptic malignant syndrome")
(SETF (GETHASH '"333.93" ICD9-HASH-TABLE) "Benign shuddering attacks")
(SETF (GETHASH '"333.99" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"334" ICD9-HASH-TABLE) "Spinocerebellar disease")
(SETF (GETHASH '"334.0" ICD9-HASH-TABLE) "Friedreich's ataxia")
(SETF (GETHASH '"334.1" ICD9-HASH-TABLE) "Hereditary spastic paraplegia")
(SETF (GETHASH '"334.2" ICD9-HASH-TABLE)
      "Primary cerebellar degeneration")
(SETF (GETHASH '"334.3" ICD9-HASH-TABLE) "Other cerebellar ataxia")
(SETF (GETHASH '"334.4" ICD9-HASH-TABLE)
      "Cerebellar ataxia indiseases classified elsewhere")
(SETF (GETHASH '"334.8" ICD9-HASH-TABLE)
      "Other spinocerebellar diseases")
(SETF (GETHASH '"334.9" ICD9-HASH-TABLE)
      "Spinocerebellar disease, unspecified")
(SETF (GETHASH '"335" ICD9-HASH-TABLE) "Anterior horn cell disease")
(SETF (GETHASH '"335.0" ICD9-HASH-TABLE) "Werdnig-Hoffmann disease")
(SETF (GETHASH '"335.1" ICD9-HASH-TABLE) "Spinal muscular atrophy")
(SETF (GETHASH '"335.10" ICD9-HASH-TABLE)
      "Spinal muscular atrophy, unspecified")
(SETF (GETHASH '"335.11" ICD9-HASH-TABLE) "Kugelberg-Welander disease")
(SETF (GETHASH '"335.19" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"335.2" ICD9-HASH-TABLE) "Motor neuron disease")
(SETF (GETHASH '"335.20" ICD9-HASH-TABLE)
      "Amyotrophic lateral sclerosis")
(SETF (GETHASH '"335.21" ICD9-HASH-TABLE) "Progressive muscular atrophy")
(SETF (GETHASH '"335.22" ICD9-HASH-TABLE) "Progressive bulbar palsy")
(SETF (GETHASH '"335.23" ICD9-HASH-TABLE) "Pseudobulbar palsy")
(SETF (GETHASH '"335.24" ICD9-HASH-TABLE) "Primary lateral sclerosis")
(SETF (GETHASH '"335.29" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"335.8" ICD9-HASH-TABLE)
      "Other anterior horn cell diseases")
(SETF (GETHASH '"335.9" ICD9-HASH-TABLE)
      "Anterior horn cell disease, unspecified")
(SETF (GETHASH '"336" ICD9-HASH-TABLE) "Other diseases of spinal cord")
(SETF (GETHASH '"336.0" ICD9-HASH-TABLE)
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      "Syringomyelia and syringobulbia")
(SETF (GETHASH '"336.1" ICD9-HASH-TABLE) "Vascular myelopathies")
(SETF (GETHASH '"336.2" ICD9-HASH-TABLE)
      "Subacute combined degeneration of spinal cord in diseases classified elsewhere")
(SETF (GETHASH '"336.3" ICD9-HASH-TABLE)
      "Myelopathy in other diseases classified elsewhere")
(SETF (GETHASH '"336.8" ICD9-HASH-TABLE) "Other myelopathy")
(SETF (GETHASH '"336.9" ICD9-HASH-TABLE)
      "Unspecified disease of spinal cord")
(SETF (GETHASH '"337" ICD9-HASH-TABLE)
      "Disorders of the autonomic nervous system")
(SETF (GETHASH '"337.0" ICD9-HASH-TABLE)
      "Idiopathic peripheral autonomic neuropathy")
(SETF (GETHASH '"337.1" ICD9-HASH-TABLE)
      "Peripheral autonomic neuropathy in disorders classified elsewhere")
(SETF (GETHASH '"337.2" ICD9-HASH-TABLE) "Reflex sympathetic dystrophy")
(SETF (GETHASH '"337.20" ICD9-HASH-TABLE)
      "Reflex sympathetic dystrophy, unspecified")
(SETF (GETHASH '"337.21" ICD9-HASH-TABLE)
      "Reflex sympathetic dystrophy of the upper limb")
(SETF (GETHASH '"337.22" ICD9-HASH-TABLE)
      "Reflex sympathetic dystrophy of the lower limb")
(SETF (GETHASH '"337.29" ICD9-HASH-TABLE)
      "Reflex sympathetic dystrophy of other specified site")
(SETF (GETHASH '"337.9" ICD9-HASH-TABLE)
      "Unspecified disorder of autonomic nervous system")
(SETF (GETHASH '"340" ICD9-HASH-TABLE) "Multiple sclerosis")
(SETF (GETHASH '"341" ICD9-HASH-TABLE)
      "Other demyelinating diseases of central nervous system")
(SETF (GETHASH '"341.0" ICD9-HASH-TABLE) "Neuromyelitis optica")
(SETF (GETHASH '"341.1" ICD9-HASH-TABLE) "Schilder's disease")
(SETF (GETHASH '"341.8" ICD9-HASH-TABLE)
      "Other demyelinating diseases of central nervous system")
(SETF (GETHASH '"341.9" ICD9-HASH-TABLE)
      "Demyelinating disease of central nervous system, unspecified")
(SETF (GETHASH '"342" ICD9-HASH-TABLE) "Hemiplegia and hemiparesis")
(SETF (GETHASH '"342.0" ICD9-HASH-TABLE) "Flaccid hemiplegia")
(SETF (GETHASH '"342.1" ICD9-HASH-TABLE) "Spastic hemiplegia")
(SETF (GETHASH '"342.8" ICD9-HASH-TABLE) "Other specified hemiplegia")
(SETF (GETHASH '"342.9" ICD9-HASH-TABLE) "Hemiplegia, unspecified")
(SETF (GETHASH '"343" ICD9-HASH-TABLE) "Infantile cerebral palsy")
(SETF (GETHASH '"343.0" ICD9-HASH-TABLE) "Diplegic")
(SETF (GETHASH '"343.1" ICD9-HASH-TABLE) "Hemiplegic")
(SETF (GETHASH '"343.2" ICD9-HASH-TABLE) "Quadriplegic")
(SETF (GETHASH '"343.3" ICD9-HASH-TABLE) "Monoplegic")
(SETF (GETHASH '"343.4" ICD9-HASH-TABLE) "Infantile hemiplegia")
(SETF (GETHASH '"343.8" ICD9-HASH-TABLE)
      "Other specified infantile cerebral palsy")
(SETF (GETHASH '"343.9" ICD9-HASH-TABLE)
      "Infantile cerebral palsy, unspecified")
(SETF (GETHASH '"344" ICD9-HASH-TABLE) "Other paralytic syndromes")
(SETF (GETHASH '"344.0" ICD9-HASH-TABLE)
      "Quadriplegia and quadriparesis")
(SETF (GETHASH '"344.00" ICD9-HASH-TABLE) "Quadriplegia, unspecified")
(SETF (GETHASH '"344.01" ICD9-HASH-TABLE) "C1-C4, complete")
(SETF (GETHASH '"344.02" ICD9-HASH-TABLE) "C1-C4, incomplete")
(SETF (GETHASH '"344.03" ICD9-HASH-TABLE) "C5-C7, complete")
(SETF (GETHASH '"344.04" ICD9-HASH-TABLE) "C5-C7, incomplete")
(SETF (GETHASH '"344.09" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"344.1" ICD9-HASH-TABLE) "Paraplegia")
(SETF (GETHASH '"344.2" ICD9-HASH-TABLE) "Diplegia of upper limbs")
(SETF (GETHASH '"344.3" ICD9-HASH-TABLE) "Monoplegia of lower limb")
(SETF (GETHASH '"344.30" ICD9-HASH-TABLE) "Affecting unspecified side")
(SETF (GETHASH '"344.31" ICD9-HASH-TABLE) "Affecting dominant side")
(SETF (GETHASH '"344.32" ICD9-HASH-TABLE) "Affecting nondominant side")
(SETF (GETHASH '"344.4" ICD9-HASH-TABLE) "Monoplegia of upper limb")
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(SETF (GETHASH '"344.40" ICD9-HASH-TABLE) "Affecting unspecified side")
(SETF (GETHASH '"344.41" ICD9-HASH-TABLE) "Affecting dominant side")
(SETF (GETHASH '"344.42" ICD9-HASH-TABLE) "Affecting nondominant side")
(SETF (GETHASH '"344.5" ICD9-HASH-TABLE) "Unspecified monoplegia")
(SETF (GETHASH '"344.6" ICD9-HASH-TABLE) "Cauda equina syndrome")
(SETF (GETHASH '"344.60" ICD9-HASH-TABLE)
      "Without mention of neurogenic bladder")
(SETF (GETHASH '"344.61" ICD9-HASH-TABLE) "With neurogenic bladder")
(SETF (GETHASH '"344.8" ICD9-HASH-TABLE)
      "Other specified paralytic syndromes")
(SETF (GETHASH '"344.81" ICD9-HASH-TABLE) "Locked-in state")
(SETF (GETHASH '"344.89" ICD9-HASH-TABLE)
      "Other specified paralytic syndrome")
(SETF (GETHASH '"344.9" ICD9-HASH-TABLE) "Paralysis, unspecified")
(SETF (GETHASH '"345" ICD9-HASH-TABLE) "Epilepsy")
(SETF (GETHASH '"345.0" ICD9-HASH-TABLE)
      "Generalized nonconvulsive epilepsy")
(SETF (GETHASH '"345.1" ICD9-HASH-TABLE)
      "Generalized convulsive epilepsy")
(SETF (GETHASH '"345.2" ICD9-HASH-TABLE) "Petit mal status")
(SETF (GETHASH '"345.3" ICD9-HASH-TABLE) "Grand mal status")
(SETF (GETHASH '"345.4" ICD9-HASH-TABLE)
      "Partial epilepsy, with impairment of consciousness")
(SETF (GETHASH '"345.5" ICD9-HASH-TABLE)
      "Partial epilepsy, without mention of impairment of consciousness")
(SETF (GETHASH '"345.6" ICD9-HASH-TABLE) "Infantile spasms")
(SETF (GETHASH '"345.7" ICD9-HASH-TABLE) "Epilepsia partialis continua")
(SETF (GETHASH '"345.8" ICD9-HASH-TABLE) "Other forms of epilepsy")
(SETF (GETHASH '"345.9" ICD9-HASH-TABLE) "Epilepsy, unspecified")
(SETF (GETHASH '"346" ICD9-HASH-TABLE) "Migraine")
(SETF (GETHASH '"346.0" ICD9-HASH-TABLE) "Classical migraine")
(SETF (GETHASH '"346.1" ICD9-HASH-TABLE) "Common migraine")
(SETF (GETHASH '"346.2" ICD9-HASH-TABLE) "Variants of migraine")
(SETF (GETHASH '"346.8" ICD9-HASH-TABLE) "Other forms of migraine")
(SETF (GETHASH '"346.9" ICD9-HASH-TABLE) "Migraine, unspecified")
(SETF (GETHASH '"347" ICD9-HASH-TABLE) "Cataplexy and narcolepsy")
(SETF (GETHASH '"348" ICD9-HASH-TABLE) "Other conditions of brain")
(SETF (GETHASH '"348.0" ICD9-HASH-TABLE) "Cerebral cysts")
(SETF (GETHASH '"348.1" ICD9-HASH-TABLE) "Anoxic brain damage")
(SETF (GETHASH '"348.2" ICD9-HASH-TABLE)
      "Benign intracranial hypertension")
(SETF (GETHASH '"348.3" ICD9-HASH-TABLE) "Encephalopathy, unspecified")
(SETF (GETHASH '"348.4" ICD9-HASH-TABLE) "Compression of brain")
(SETF (GETHASH '"348.5" ICD9-HASH-TABLE) "Cerebral edema")
(SETF (GETHASH '"348.8" ICD9-HASH-TABLE) "Other conditions of brain")
(SETF (GETHASH '"348.9" ICD9-HASH-TABLE)
      "Unspecified condition of brain")
(SETF (GETHASH '"349" ICD9-HASH-TABLE)
      "Other and unspecified disorders of the nervous system")
(SETF (GETHASH '"349.0" ICD9-HASH-TABLE)
      "Reaction to spinal or lumbar puncture")
(SETF (GETHASH '"349.1" ICD9-HASH-TABLE)
      "Nervous system complications from surgically implanted device")
(SETF (GETHASH '"349.2" ICD9-HASH-TABLE)
      "Disorders of meninges, not elsewhere classified")
(SETF (GETHASH '"349.8" ICD9-HASH-TABLE)
      "Other specified disorders of nervous system")
(SETF (GETHASH '"349.81" ICD9-HASH-TABLE)
      "Cerebrospinal fluid rhinorrhea")
(SETF (GETHASH '"349.82" ICD9-HASH-TABLE) "Toxic encephalopathy")
(SETF (GETHASH '"349.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"349.9" ICD9-HASH-TABLE)
      "Unspecified disorders of nervous system")
(SETF (GETHASH '"350" ICD9-HASH-TABLE) "Trigeminal nerve disorders")
(SETF (GETHASH '"350.1" ICD9-HASH-TABLE) "Trigeminal neuralgia")
(SETF (GETHASH '"350.2" ICD9-HASH-TABLE) "Atypical face pain")
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(SETF (GETHASH '"350.8" ICD9-HASH-TABLE)
      "Other specified trigeminal nerve disorders")
(SETF (GETHASH '"350.9" ICD9-HASH-TABLE)
      "Trigeminal nerve disorder, unspecified")
(SETF (GETHASH '"351" ICD9-HASH-TABLE) "Facial nerve disorders")
(SETF (GETHASH '"351.0" ICD9-HASH-TABLE) "Bell's palsy")
(SETF (GETHASH '"351.1" ICD9-HASH-TABLE) "Geniculate ganglionitis")
(SETF (GETHASH '"351.8" ICD9-HASH-TABLE) "Other facial nerve disorders")
(SETF (GETHASH '"351.9" ICD9-HASH-TABLE)
      "Facial nerve disorder, unspecified")
(SETF (GETHASH '"352" ICD9-HASH-TABLE)
      "Disorders of other cranial nerves")
(SETF (GETHASH '"352.0" ICD9-HASH-TABLE)
      "Disorders of olfactory [1st] nerve")
(SETF (GETHASH '"352.1" ICD9-HASH-TABLE) "Glossopharyngeal neuralgia")
(SETF (GETHASH '"352.2" ICD9-HASH-TABLE)
      "Other disorders of glossopharyngeal [9th] nerve")
(SETF (GETHASH '"352.3" ICD9-HASH-TABLE)
      "Disorders of pneumogastric [10th] nerve")
(SETF (GETHASH '"352.4" ICD9-HASH-TABLE)
      "Disorders of accessory [11th] nerve")
(SETF (GETHASH '"352.5" ICD9-HASH-TABLE)
      "Disorders of hypoglossal [12th] nerve")
(SETF (GETHASH '"352.6" ICD9-HASH-TABLE)
      "Multiple cranial nerve palsies")
(SETF (GETHASH '"352.9" ICD9-HASH-TABLE)
      "Unspecified disorder of cranial nerves")
(SETF (GETHASH '"353" ICD9-HASH-TABLE) "Nerve root and plexus disorders")
(SETF (GETHASH '"353.0" ICD9-HASH-TABLE) "Brachial plexus lesions")
(SETF (GETHASH '"353.1" ICD9-HASH-TABLE) "Lumbosacral plexus lesions")
(SETF (GETHASH '"353.2" ICD9-HASH-TABLE)
      "Cervical root lesions, not elsewhere classified")
(SETF (GETHASH '"353.3" ICD9-HASH-TABLE)
      "Thoracic root lesions, not elsewhere classified")
(SETF (GETHASH '"353.4" ICD9-HASH-TABLE)
      "Lumbosacral root lesions, not elsewhere classified")
(SETF (GETHASH '"353.5" ICD9-HASH-TABLE) "Neuralgic amyotrophy")
(SETF (GETHASH '"353.6" ICD9-HASH-TABLE) "Phantom limb (syndrome)")
(SETF (GETHASH '"353.8" ICD9-HASH-TABLE)
      "Other nerve root and plexus disorders")
(SETF (GETHASH '"353.9" ICD9-HASH-TABLE)
      "Unspecified nerve root and plexus disorder")
(SETF (GETHASH '"354" ICD9-HASH-TABLE)
      "Mononeuritis of upper limb and mononeuritis multiplex")
(SETF (GETHASH '"354.0" ICD9-HASH-TABLE) "Carpal tunnel syndrome")
(SETF (GETHASH '"354.1" ICD9-HASH-TABLE) "Other lesion of median nerve")
(SETF (GETHASH '"354.2" ICD9-HASH-TABLE) "Lesion of ulnar nerve")
(SETF (GETHASH '"354.3" ICD9-HASH-TABLE) "Lesion of radial nerve")
(SETF (GETHASH '"354.4" ICD9-HASH-TABLE) "Causalgia of upper limb")
(SETF (GETHASH '"354.5" ICD9-HASH-TABLE) "Mononeuritis multiplex")
(SETF (GETHASH '"354.8" ICD9-HASH-TABLE)
      "Other mononeuritis of upper limb")
(SETF (GETHASH '"354.9" ICD9-HASH-TABLE)
      "Mononeuritis of upper limb, unspecified")
(SETF (GETHASH '"355" ICD9-HASH-TABLE) "Mononeuritis of lower limb")
(SETF (GETHASH '"355.0" ICD9-HASH-TABLE) "Lesion of sciatic nerve")
(SETF (GETHASH '"355.1" ICD9-HASH-TABLE) "Meralgia paresthetica")
(SETF (GETHASH '"355.2" ICD9-HASH-TABLE) "Other lesion of femoral nerve")
(SETF (GETHASH '"355.3" ICD9-HASH-TABLE)
      "Lesion of lateral popliteal nerve")
(SETF (GETHASH '"355.4" ICD9-HASH-TABLE)
      "Lesion of medial popliteal nerve")
(SETF (GETHASH '"355.5" ICD9-HASH-TABLE) "Tarsal tunnel syndrome")
(SETF (GETHASH '"355.6" ICD9-HASH-TABLE) "Lesion of plantar nerve")
(SETF (GETHASH '"355.7" ICD9-HASH-TABLE)
      "Other mononeuritis of lower limb")
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(SETF (GETHASH '"355.71" ICD9-HASH-TABLE) "Causalgia of lower limb")
(SETF (GETHASH '"355.79" ICD9-HASH-TABLE)
      "Other mononeuritis of lower limb")
(SETF (GETHASH '"355.8" ICD9-HASH-TABLE)
      "Mononeuritis of lower limb, unspecified")
(SETF (GETHASH '"355.9" ICD9-HASH-TABLE)
      "Mononeuritis of unspecified site")
(SETF (GETHASH '"356" ICD9-HASH-TABLE)
      "Hereditary and idiopathic peripheral neuropathy")
(SETF (GETHASH '"356.0" ICD9-HASH-TABLE)
      "Hereditary peripheral neuropathy")
(SETF (GETHASH '"356.1" ICD9-HASH-TABLE) "Peroneal muscular atrophy")
(SETF (GETHASH '"356.2" ICD9-HASH-TABLE) "Hereditary sensory neuropathy")
(SETF (GETHASH '"356.3" ICD9-HASH-TABLE) "Refsum's disease")
(SETF (GETHASH '"356.4" ICD9-HASH-TABLE)
      "Idiopathic progressive polyneuropathy")
(SETF (GETHASH '"356.8" ICD9-HASH-TABLE)
      "Other specified idiopathic peripheral neuropathy")
(SETF (GETHASH '"356.9" ICD9-HASH-TABLE) "Unspecified")
(SETF (GETHASH '"357" ICD9-HASH-TABLE)
      "Inflammatory and toxic neuropathy")
(SETF (GETHASH '"357.0" ICD9-HASH-TABLE) "Acute infective polyneuritis")
(SETF (GETHASH '"357.1" ICD9-HASH-TABLE)
      "Polyneuropathy in collagen vascular disease")
(SETF (GETHASH '"357.2" ICD9-HASH-TABLE) "Polyneuropathy in diabetes")
(SETF (GETHASH '"357.3" ICD9-HASH-TABLE)
      "Polyneuropathy in malignant disease")
(SETF (GETHASH '"357.4" ICD9-HASH-TABLE)
      "Polyneuropathy in other diseases classified elsewhere")
(SETF (GETHASH '"357.5" ICD9-HASH-TABLE) "Alcoholic polyneuropathy")
(SETF (GETHASH '"357.6" ICD9-HASH-TABLE) "Polyneuropathy due to drugs")
(SETF (GETHASH '"357.7" ICD9-HASH-TABLE)
      "Polyneuropathy due to other toxic agents")
(SETF (GETHASH '"357.8" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"357.9" ICD9-HASH-TABLE) "Unspecified")
(SETF (GETHASH '"358" ICD9-HASH-TABLE) "Myoneural disorders")
(SETF (GETHASH '"358.0" ICD9-HASH-TABLE) "Myasthenia gravis")
(SETF (GETHASH '"358.1" ICD9-HASH-TABLE)
      "Myasthenic syndromes indiseases classified elsewhere")
(SETF (GETHASH '"358.2" ICD9-HASH-TABLE) "Toxic myoneural disorders")
(SETF (GETHASH '"358.8" ICD9-HASH-TABLE)
      "Other specified myoneural disorders")
(SETF (GETHASH '"358.9" ICD9-HASH-TABLE)
      "Myoneural disorders, unspecified")
(SETF (GETHASH '"359" ICD9-HASH-TABLE)
      "Muscular dystrophies and other myopathies")
(SETF (GETHASH '"359.0" ICD9-HASH-TABLE)
      "Congenital hereditary muscular dystrophy")
(SETF (GETHASH '"359.1" ICD9-HASH-TABLE)
      "Hereditary progressive muscular dystrophy")
(SETF (GETHASH '"359.2" ICD9-HASH-TABLE) "Myotonic disorders")
(SETF (GETHASH '"359.3" ICD9-HASH-TABLE) "Familial periodic paralysis")
(SETF (GETHASH '"359.4" ICD9-HASH-TABLE) "Toxic myopathy")
(SETF (GETHASH '"359.5" ICD9-HASH-TABLE)
      "Myopathy in endocrinediseases classified elsewhere")
(SETF (GETHASH '"359.6" ICD9-HASH-TABLE)
      "Symptomatic inflammatory myopathy in diseases classified elsewhere")
(SETF (GETHASH '"359.8" ICD9-HASH-TABLE) "Other myopathies")
(SETF (GETHASH '"359.9" ICD9-HASH-TABLE) "Myopathy, unspecified")
(SETF (GETHASH '"360" ICD9-HASH-TABLE) "Disorders of the globe")
(SETF (GETHASH '"360.0" ICD9-HASH-TABLE) "Purulent endophthalmitis")
(SETF (GETHASH '"360.00" ICD9-HASH-TABLE)
      "Purulent endophthalmitis, unspecified")
(SETF (GETHASH '"360.01" ICD9-HASH-TABLE) "Acute endophthalmitis")
(SETF (GETHASH '"360.02" ICD9-HASH-TABLE) "Panophthalmitis")
(SETF (GETHASH '"360.03" ICD9-HASH-TABLE) "Chronic endophthalmitis")
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(SETF (GETHASH '"360.04" ICD9-HASH-TABLE) "Vitreous abscess")
(SETF (GETHASH '"360.1" ICD9-HASH-TABLE) "Other endophthalmitis")
(SETF (GETHASH '"360.11" ICD9-HASH-TABLE) "Sympathetic uveitis")
(SETF (GETHASH '"360.12" ICD9-HASH-TABLE) "Panuveitis")
(SETF (GETHASH '"360.13" ICD9-HASH-TABLE)
      "Parasitic endophthalmitis NOS")
(SETF (GETHASH '"360.14" ICD9-HASH-TABLE) "Ophthalmia nodosa")
(SETF (GETHASH '"360.19" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"360.2" ICD9-HASH-TABLE)
      "Degenerative disorders of globe")
(SETF (GETHASH '"360.20" ICD9-HASH-TABLE)
      "Degenerative disorder of globe, unspecified")
(SETF (GETHASH '"360.21" ICD9-HASH-TABLE)
      "Progressive high (degenerative) myopia")
(SETF (GETHASH '"360.23" ICD9-HASH-TABLE) "Siderosis")
(SETF (GETHASH '"360.24" ICD9-HASH-TABLE) "Other metallosis")
(SETF (GETHASH '"360.29" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"360.3" ICD9-HASH-TABLE) "Hypotony of eye")
(SETF (GETHASH '"360.30" ICD9-HASH-TABLE) "Hypotony, unspecified")
(SETF (GETHASH '"360.31" ICD9-HASH-TABLE) "Primary hypotony")
(SETF (GETHASH '"360.32" ICD9-HASH-TABLE)
      "Ocular fistula causing hypotony")
(SETF (GETHASH '"360.33" ICD9-HASH-TABLE)
      "Hypotony associated with other ocular disorders")
(SETF (GETHASH '"360.34" ICD9-HASH-TABLE) "Flat anterior chamber")
(SETF (GETHASH '"360.4" ICD9-HASH-TABLE)
      "Degenerated conditions of globe")
(SETF (GETHASH '"360.40" ICD9-HASH-TABLE)
      "Degenerated globe or eye, unspecified")
(SETF (GETHASH '"360.41" ICD9-HASH-TABLE) "Blind hypotensive eye")
(SETF (GETHASH '"360.42" ICD9-HASH-TABLE) "Blind hypertensive eye")
(SETF (GETHASH '"360.43" ICD9-HASH-TABLE)
      "Hemophthalmos, except current injury")
(SETF (GETHASH '"360.44" ICD9-HASH-TABLE) "Leucocoria")
(SETF (GETHASH '"360.5" ICD9-HASH-TABLE)
      "Retained (old) intraocular foreign body, magnetic")
(SETF (GETHASH '"360.50" ICD9-HASH-TABLE)
      "Foreign body, magnetic, intraocular, unspecified")
(SETF (GETHASH '"360.51" ICD9-HASH-TABLE)
      "Foreign body, magnetic, in anterior chamber")
(SETF (GETHASH '"360.52" ICD9-HASH-TABLE)
      "Foreign body, magnetic, in iris or ciliary body")
(SETF (GETHASH '"360.53" ICD9-HASH-TABLE)
      "Foreign body, magnetic, in lens")
(SETF (GETHASH '"360.54" ICD9-HASH-TABLE)
      "Foreign body, magnetic, in vitreous")
(SETF (GETHASH '"360.55" ICD9-HASH-TABLE)
      "Foreign body, magnetic, in posterior wall")
(SETF (GETHASH '"360.59" ICD9-HASH-TABLE)
      "Foreign body, magnetic, in other or multiple sites")
(SETF (GETHASH '"360.6" ICD9-HASH-TABLE)
      "Retained (old) intraocular foreign body, nonmagnetic")
(SETF (GETHASH '"360.60" ICD9-HASH-TABLE)
      "Foreign body, intraocular, unspecified")
(SETF (GETHASH '"360.61" ICD9-HASH-TABLE)
      "Foreign body in anterior chamber")
(SETF (GETHASH '"360.62" ICD9-HASH-TABLE)
      "Foreign body in iris or ciliary body")
(SETF (GETHASH '"360.63" ICD9-HASH-TABLE) "Foreign body in lens")
(SETF (GETHASH '"360.64" ICD9-HASH-TABLE) "Foreign body in vitreous")
(SETF (GETHASH '"360.65" ICD9-HASH-TABLE)
      "Foreign body in posterior wall")
(SETF (GETHASH '"360.69" ICD9-HASH-TABLE)
      "Foreign body in other or multiple sites")
(SETF (GETHASH '"360.8" ICD9-HASH-TABLE) "Other disorders of globe")
(SETF (GETHASH '"360.81" ICD9-HASH-TABLE) "Luxation of globe")
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(SETF (GETHASH '"360.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"360.9" ICD9-HASH-TABLE) "Unspecified disorder of globe")
(SETF (GETHASH '"361" ICD9-HASH-TABLE) "Retinal detachments and defects")
(SETF (GETHASH '"361.0" ICD9-HASH-TABLE)
      "Retinal detachment with retinal defect")
(SETF (GETHASH '"361.00" ICD9-HASH-TABLE)
      "Retinal detachment with retinal defect, unspecified")
(SETF (GETHASH '"361.01" ICD9-HASH-TABLE)
      "Recent detachment, partial, with single defect")
(SETF (GETHASH '"361.02" ICD9-HASH-TABLE)
      "Recent detachment, partial, with multiple defects")
(SETF (GETHASH '"361.03" ICD9-HASH-TABLE)
      "Recent detachment, partial, with giant tear")
(SETF (GETHASH '"361.04" ICD9-HASH-TABLE)
      "Recent detachment, partial, with retinal dialysis")
(SETF (GETHASH '"361.05" ICD9-HASH-TABLE)
      "Recent detachment, total or subtotal")
(SETF (GETHASH '"361.06" ICD9-HASH-TABLE) "Old detachment, partial")
(SETF (GETHASH '"361.07" ICD9-HASH-TABLE)
      "Old detachment, total or subtotal")
(SETF (GETHASH '"361.1" ICD9-HASH-TABLE)
      "Retinoschisis and retinal cysts")
(SETF (GETHASH '"361.10" ICD9-HASH-TABLE) "Retinoschisis, unspecified")
(SETF (GETHASH '"361.11" ICD9-HASH-TABLE) "Flat retinoschisis")
(SETF (GETHASH '"361.12" ICD9-HASH-TABLE) "Bullous retinoschisis")
(SETF (GETHASH '"361.13" ICD9-HASH-TABLE) "Primary retinal cysts")
(SETF (GETHASH '"361.14" ICD9-HASH-TABLE) "Secondary retinal cysts")
(SETF (GETHASH '"361.19" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"361.2" ICD9-HASH-TABLE) "Serous retinal detachment")
(SETF (GETHASH '"361.3" ICD9-HASH-TABLE)
      "Retinal defects without detachment")
(SETF (GETHASH '"361.30" ICD9-HASH-TABLE) "Retinal defect, unspecified")
(SETF (GETHASH '"361.31" ICD9-HASH-TABLE)
      "Round hole of retina without detachment")
(SETF (GETHASH '"361.32" ICD9-HASH-TABLE)
      "Horseshoe tear of retina without detachment")
(SETF (GETHASH '"361.33" ICD9-HASH-TABLE)
      "Multiple defects of retina without detachment")
(SETF (GETHASH '"361.8" ICD9-HASH-TABLE)
      "Other forms of retinal detachment")
(SETF (GETHASH '"361.81" ICD9-HASH-TABLE)
      "Traction detachment of retina")
(SETF (GETHASH '"361.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"361.9" ICD9-HASH-TABLE)
      "Unspecified retinal detachment")
(SETF (GETHASH '"362" ICD9-HASH-TABLE) "Other retinal disorders")
(SETF (GETHASH '"362.0" ICD9-HASH-TABLE) "Diabetic retinopathy")
(SETF (GETHASH '"362.01" ICD9-HASH-TABLE)
      "Background diabetic retinopathy")
(SETF (GETHASH '"362.02" ICD9-HASH-TABLE)
      "Proliferative diabetic retinopathy")
(SETF (GETHASH '"362.1" ICD9-HASH-TABLE)
      "Other background retinopathy and retinal vascular changes")
(SETF (GETHASH '"362.10" ICD9-HASH-TABLE)
      "Background retinopathy, unspecified")
(SETF (GETHASH '"362.11" ICD9-HASH-TABLE) "Hypertensive retinopathy")
(SETF (GETHASH '"362.12" ICD9-HASH-TABLE) "Exudative retinopathy")
(SETF (GETHASH '"362.13" ICD9-HASH-TABLE)
      "Changes in vascular appearance")
(SETF (GETHASH '"362.14" ICD9-HASH-TABLE) "Retinal microaneurysms NOS")
(SETF (GETHASH '"362.15" ICD9-HASH-TABLE) "Retinal telangiectasia")
(SETF (GETHASH '"362.16" ICD9-HASH-TABLE)
      "Retinal neovascularization NOS")
(SETF (GETHASH '"362.17" ICD9-HASH-TABLE)
      "Other intraretinal microvascular abnormalities")
(SETF (GETHASH '"362.18" ICD9-HASH-TABLE) "Retinal vasculitis")
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(SETF (GETHASH '"362.2" ICD9-HASH-TABLE)
      "Other proliferative retinopathy")
(SETF (GETHASH '"362.21" ICD9-HASH-TABLE) "Retrolental fibroplasia")
(SETF (GETHASH '"362.29" ICD9-HASH-TABLE)
      "Other nondiabetic proliferative retinopathy")
(SETF (GETHASH '"362.3" ICD9-HASH-TABLE) "Retinal vascular occlusion")
(SETF (GETHASH '"362.30" ICD9-HASH-TABLE)
      "Retinal vascular occlusion, unspecified")
(SETF (GETHASH '"362.31" ICD9-HASH-TABLE)
      "Central retinal artery occlusion")
(SETF (GETHASH '"362.32" ICD9-HASH-TABLE) "Arterial branch occlusion")
(SETF (GETHASH '"362.33" ICD9-HASH-TABLE) "Partial arterial occlusion")
(SETF (GETHASH '"362.34" ICD9-HASH-TABLE) "Transient arterial occlusion")
(SETF (GETHASH '"362.35" ICD9-HASH-TABLE)
      "Central retinal vein occlusion")
(SETF (GETHASH '"362.36" ICD9-HASH-TABLE)
      "Venous tributary (branch) occlusion")
(SETF (GETHASH '"362.37" ICD9-HASH-TABLE) "Venous engorgement")
(SETF (GETHASH '"362.4" ICD9-HASH-TABLE) "Separation of retinal layers")
(SETF (GETHASH '"362.40" ICD9-HASH-TABLE)
      "Retinal layer separation, unspecified")
(SETF (GETHASH '"362.41" ICD9-HASH-TABLE) "Central serous retinopathy")
(SETF (GETHASH '"362.42" ICD9-HASH-TABLE)
      "Serous detachment of retinal pigment epithelium")
(SETF (GETHASH '"362.43" ICD9-HASH-TABLE)
      "Hemorrhagic detachment of retinal pigment epithelium")
(SETF (GETHASH '"362.5" ICD9-HASH-TABLE)
      "Degeneration of macula and posterior pole")
(SETF (GETHASH '"362.50" ICD9-HASH-TABLE)
      "Macular degeneration (senile), unspecified")
(SETF (GETHASH '"362.51" ICD9-HASH-TABLE)
      "Nonexudative senile macular degeneration")
(SETF (GETHASH '"362.52" ICD9-HASH-TABLE)
      "Exudative senile macular degeneration")
(SETF (GETHASH '"362.53" ICD9-HASH-TABLE) "Cystoid macular degeneration")
(SETF (GETHASH '"362.54" ICD9-HASH-TABLE)
      "Macular cyst, hole, or pseudohole")
(SETF (GETHASH '"362.55" ICD9-HASH-TABLE) "Toxic maculopathy")
(SETF (GETHASH '"362.56" ICD9-HASH-TABLE) "Macular puckering")
(SETF (GETHASH '"362.57" ICD9-HASH-TABLE) "Drusen (degenerative)")
(SETF (GETHASH '"362.6" ICD9-HASH-TABLE)
      "Peripheral retinal degenerations")
(SETF (GETHASH '"362.60" ICD9-HASH-TABLE)
      "Peripheral retinal degeneration, unspecified")
(SETF (GETHASH '"362.61" ICD9-HASH-TABLE) "Paving stone degeneration")
(SETF (GETHASH '"362.62" ICD9-HASH-TABLE) "Microcystoid degeneration")
(SETF (GETHASH '"362.63" ICD9-HASH-TABLE) "Lattice degeneration")
(SETF (GETHASH '"362.64" ICD9-HASH-TABLE)
      "Senile reticular degeneration")
(SETF (GETHASH '"362.65" ICD9-HASH-TABLE)
      "Secondary pigmentary degeneration")
(SETF (GETHASH '"362.66" ICD9-HASH-TABLE)
      "Secondary vitreoretinal degenerations")
(SETF (GETHASH '"362.7" ICD9-HASH-TABLE)
      "Hereditary retinal dystrophies")
(SETF (GETHASH '"362.70" ICD9-HASH-TABLE)
      "Hereditary retinal dystrophy, unspecified")
(SETF (GETHASH '"362.71" ICD9-HASH-TABLE)
      "Retinal dystrophy in systemic or cerebroretinal lipidoses")
(SETF (GETHASH '"362.72" ICD9-HASH-TABLE)
      "Retinal dystrophy in other systemic disorders and syndromes")
(SETF (GETHASH '"362.73" ICD9-HASH-TABLE) "Vitreoretinal dystrophies")
(SETF (GETHASH '"362.74" ICD9-HASH-TABLE) "Pigmentary retinal dystrophy")
(SETF (GETHASH '"362.75" ICD9-HASH-TABLE)
      "Other dystrophies primarily involving the sensory retina")
(SETF (GETHASH '"362.76" ICD9-HASH-TABLE)
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      "Dystrophies primarily involving the retinal pigment epithelium")
(SETF (GETHASH '"362.77" ICD9-HASH-TABLE)
      "Dystrophies primarily involving Bruch's membrane")
(SETF (GETHASH '"362.8" ICD9-HASH-TABLE) "Other retinal disorders")
(SETF (GETHASH '"362.81" ICD9-HASH-TABLE) "Retinal hemorrhage")
(SETF (GETHASH '"362.82" ICD9-HASH-TABLE)
      "Retinal exudates and deposits")
(SETF (GETHASH '"362.83" ICD9-HASH-TABLE) "Retinal edema")
(SETF (GETHASH '"362.84" ICD9-HASH-TABLE) "Retinal ischemia")
(SETF (GETHASH '"362.85" ICD9-HASH-TABLE)
      "Retinal nerve fiber bundle defects")
(SETF (GETHASH '"362.89" ICD9-HASH-TABLE) "Other retinal disorders")
(SETF (GETHASH '"362.9" ICD9-HASH-TABLE) "Unspecified retinal disorder")
(SETF (GETHASH '"363" ICD9-HASH-TABLE)
      "Chorioretinal inflammations, scars, and other disorders of choroid")
(SETF (GETHASH '"363.0" ICD9-HASH-TABLE)
      "Focal chorioretinitis and focal retinochoroiditis")
(SETF (GETHASH '"363.00" ICD9-HASH-TABLE)
      "Focal chorioretinitis, unspecified")
(SETF (GETHASH '"363.01" ICD9-HASH-TABLE)
      "Focal choroiditis and chorioretinitis, juxtapapillary")
(SETF (GETHASH '"363.03" ICD9-HASH-TABLE)
      "Focal choroiditis and chorioretinitis of other posterior pole")
(SETF (GETHASH '"363.04" ICD9-HASH-TABLE)
      "Focal choroiditis and chorioretinitis, peripheral")
(SETF (GETHASH '"363.05" ICD9-HASH-TABLE)
      "Focal retinitis and retinochoroiditis, juxtapapillary")
(SETF (GETHASH '"363.06" ICD9-HASH-TABLE)
      "Focal retinitis and retinochoroiditis, macular or paramacular")
(SETF (GETHASH '"363.07" ICD9-HASH-TABLE)
      "Focal retinitis and retinochoroiditis of other posterior pole")
(SETF (GETHASH '"363.08" ICD9-HASH-TABLE)
      "Focal retinitis and retinochoroiditis, peripheral")
(SETF (GETHASH '"363.1" ICD9-HASH-TABLE)
      "Disseminated chorioretinitis and disseminated retinochoroiditis")
(SETF (GETHASH '"363.10" ICD9-HASH-TABLE)
      "Disseminated chorioretinitis, unspecified")
(SETF (GETHASH '"363.11" ICD9-HASH-TABLE)
      "Disseminated choroiditis and chorioretinitis, posterior pole")
(SETF (GETHASH '"363.12" ICD9-HASH-TABLE)
      "Disseminated choroiditis and chorioretinitis, peripheral")
(SETF (GETHASH '"363.13" ICD9-HASH-TABLE)
      "Disseminated choroiditis and chorioretinitis, generalized")
(SETF (GETHASH '"363.14" ICD9-HASH-TABLE)
      "Disseminated retinitis and retinochoroiditis, metastatic")
(SETF (GETHASH '"363.15" ICD9-HASH-TABLE)
      "Disseminated retinitis and retinochoroiditis, pigment epitheliopathy")
(SETF (GETHASH '"363.2" ICD9-HASH-TABLE)
      "Other and unspecified forms of chorioretinitis and retinochoroiditis")
(SETF (GETHASH '"363.20" ICD9-HASH-TABLE) "Chorioretinitis, unspecified")
(SETF (GETHASH '"363.21" ICD9-HASH-TABLE) "Pars planitis")
(SETF (GETHASH '"363.22" ICD9-HASH-TABLE) "Harada's disease")
(SETF (GETHASH '"363.3" ICD9-HASH-TABLE) "Chorioretinal scars")
(SETF (GETHASH '"363.30" ICD9-HASH-TABLE)
      "Chorioretinal scar, unspecified")
(SETF (GETHASH '"363.31" ICD9-HASH-TABLE) "Solar retinopathy")
(SETF (GETHASH '"363.32" ICD9-HASH-TABLE) "Other macular scars")
(SETF (GETHASH '"363.33" ICD9-HASH-TABLE)
      "Other scars of posterior pole")
(SETF (GETHASH '"363.34" ICD9-HASH-TABLE) "Peripheral scars")
(SETF (GETHASH '"363.35" ICD9-HASH-TABLE) "Disseminated scars")
(SETF (GETHASH '"363.4" ICD9-HASH-TABLE) "Choroidal degenerations")
(SETF (GETHASH '"363.40" ICD9-HASH-TABLE)
      "Choroidal degeneration, unspecified")
(SETF (GETHASH '"363.41" ICD9-HASH-TABLE) "Senile atrophy of choroid")
(SETF (GETHASH '"363.42" ICD9-HASH-TABLE)
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```
      "Diffuse secondary atrophy of choroid")
(SETF (GETHASH '"363.43" ICD9-HASH-TABLE) "Angioid streaks of choroid")
(SETF (GETHASH '"363.5" ICD9-HASH-TABLE)
      "Hereditary choroidal dystrophies")
(SETF (GETHASH '"363.50" ICD9-HASH-TABLE)
      "Hereditary choroidal dystrophy or atrophy, unspecified")
(SETF (GETHASH '"363.51" ICD9-HASH-TABLE)
      "Circumpapillary dystrophy of choroid, partial")
(SETF (GETHASH '"363.52" ICD9-HASH-TABLE)
      "Circumpapillary dystrophy of choroid, total")
(SETF (GETHASH '"363.53" ICD9-HASH-TABLE)
      "Central dystrophy of choroid, partial")
(SETF (GETHASH '"363.54" ICD9-HASH-TABLE)
      "Central choroidal atrophy, total")
(SETF (GETHASH '"363.55" ICD9-HASH-TABLE) "Choroideremia")
(SETF (GETHASH '"363.56" ICD9-HASH-TABLE)
      "Other diffuse or generalized dystrophy, partial")
(SETF (GETHASH '"363.57" ICD9-HASH-TABLE)
      "Other diffuse or generalized dystrophy, total")
(SETF (GETHASH '"363.6" ICD9-HASH-TABLE)
      "Choroidal hemorrhage and rupture")
(SETF (GETHASH '"363.61" ICD9-HASH-TABLE)
      "Choroidal hemorrhage, unspecified")
(SETF (GETHASH '"363.62" ICD9-HASH-TABLE)
      "Expulsive choroidal hemorrhage")
(SETF (GETHASH '"363.63" ICD9-HASH-TABLE) "Choroidal rupture")
(SETF (GETHASH '"363.7" ICD9-HASH-TABLE) "Choroidal detachment")
(SETF (GETHASH '"363.70" ICD9-HASH-TABLE)
      "Choroidal detachment, unspecified")
(SETF (GETHASH '"363.71" ICD9-HASH-TABLE) "Serous choroidal detachment")
(SETF (GETHASH '"363.72" ICD9-HASH-TABLE)
      "Hemorrhagic choroidal detachment")
(SETF (GETHASH '"363.8" ICD9-HASH-TABLE) "Other disorders of choroid")
(SETF (GETHASH '"363.9" ICD9-HASH-TABLE)
      "Unspecified disorder of choroid")
(SETF (GETHASH '"364" ICD9-HASH-TABLE)
      "Disorders of iris and ciliary body")
(SETF (GETHASH '"364.0" ICD9-HASH-TABLE)
      "Acute and subacute iridocyclitis")
(SETF (GETHASH '"364.00" ICD9-HASH-TABLE)
      "Acute and subacute iridocyclitis, unspecified")
(SETF (GETHASH '"364.01" ICD9-HASH-TABLE) "Primary iridocyclitis")
(SETF (GETHASH '"364.02" ICD9-HASH-TABLE) "Recurrent iridocyclitis")
(SETF (GETHASH '"364.03" ICD9-HASH-TABLE)
      "Secondary iridocyclitis, infectious")
(SETF (GETHASH '"364.04" ICD9-HASH-TABLE)
      "Secondary iridocyclitis, noninfectious")
(SETF (GETHASH '"364.05" ICD9-HASH-TABLE) "Hypopyon")
(SETF (GETHASH '"364.1" ICD9-HASH-TABLE) "Chronic iridocyclitis")
(SETF (GETHASH '"364.10" ICD9-HASH-TABLE)
      "Chronic iridocyclitis, unspecified")
(SETF (GETHASH '"364.11" ICD9-HASH-TABLE)
      "Chronic iridocyclitis in diseases classified elsewhere")
(SETF (GETHASH '"364.2" ICD9-HASH-TABLE)
      "Certain types of iridocyclitis")
(SETF (GETHASH '"364.21" ICD9-HASH-TABLE)
      "Fuchs' heterochromic cyclitis")
(SETF (GETHASH '"364.22" ICD9-HASH-TABLE) "Glaucomatocyclitic crises")
(SETF (GETHASH '"364.23" ICD9-HASH-TABLE) "Lens-induced iridocyclitis")
(SETF (GETHASH '"364.24" ICD9-HASH-TABLE) "Vogt-Koyanagi syndrome")
(SETF (GETHASH '"364.3" ICD9-HASH-TABLE) "Unspecified iridocyclitis")
(SETF (GETHASH '"364.4" ICD9-HASH-TABLE)
      "Vascular disorders of iris and ciliary body")
(SETF (GETHASH '"364.41" ICD9-HASH-TABLE) "Hyphema")
(SETF (GETHASH '"364.42" ICD9-HASH-TABLE) "Rubeosis iridis")
(SETF (GETHASH '"364.5" ICD9-HASH-TABLE)
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      "Degenerations of iris and ciliary body")
(SETF (GETHASH '"364.51" ICD9-HASH-TABLE)
      "Essential or progressive iris atrophy")
(SETF (GETHASH '"364.52" ICD9-HASH-TABLE) "Iridoschisis")
(SETF (GETHASH '"364.53" ICD9-HASH-TABLE) "Pigmentary iris degeneration")
(SETF (GETHASH '"364.54" ICD9-HASH-TABLE)
      "Degeneration of pupillary margin")
(SETF (GETHASH '"364.55" ICD9-HASH-TABLE)
      "Miotic cysts of pupillary margin")
(SETF (GETHASH '"364.56" ICD9-HASH-TABLE)
      "Degenerative changes of chamber angle")
(SETF (GETHASH '"364.57" ICD9-HASH-TABLE)
      "Degenerative changes of ciliary body")
(SETF (GETHASH '"364.59" ICD9-HASH-TABLE) "Other iris atrophy")
(SETF (GETHASH '"364.6" ICD9-HASH-TABLE)
      "Cysts of iris, ciliary body, and anterior chamber")
(SETF (GETHASH '"364.60" ICD9-HASH-TABLE) "Idiopathic cysts")
(SETF (GETHASH '"364.61" ICD9-HASH-TABLE) "Implantation cysts")
(SETF (GETHASH '"364.62" ICD9-HASH-TABLE)
      "Exudative cysts of iris or anterior chamber")
(SETF (GETHASH '"364.63" ICD9-HASH-TABLE) "Primary cyst of pars plana")
(SETF (GETHASH '"364.64" ICD9-HASH-TABLE) "Exudative cyst of pars plana")
(SETF (GETHASH '"364.7" ICD9-HASH-TABLE)
      "Adhesions and disruptions of iris and ciliary body")
(SETF (GETHASH '"364.70" ICD9-HASH-TABLE)
      "Adhesions of iris, unspecified")
(SETF (GETHASH '"364.71" ICD9-HASH-TABLE) "Posterior synechiae")
(SETF (GETHASH '"364.72" ICD9-HASH-TABLE) "Anterior synechiae")
(SETF (GETHASH '"364.73" ICD9-HASH-TABLE) "Goniosynechiae")
(SETF (GETHASH '"364.74" ICD9-HASH-TABLE) "Pupillary membranes")
(SETF (GETHASH '"364.75" ICD9-HASH-TABLE) "Pupillary abnormalities")
(SETF (GETHASH '"364.76" ICD9-HASH-TABLE) "Iridodialysis")
(SETF (GETHASH '"364.77" ICD9-HASH-TABLE) "Recession of chamber angle")
(SETF (GETHASH '"364.8" ICD9-HASH-TABLE)
      "Other disorders of iris and ciliary body")
(SETF (GETHASH '"364.9" ICD9-HASH-TABLE)
      "Unspecified disorder of iris and ciliary body")
(SETF (GETHASH '"365" ICD9-HASH-TABLE) "Glaucoma")
(SETF (GETHASH '"365.0" ICD9-HASH-TABLE)
      "Borderline glaucoma [glaucoma suspect]")
(SETF (GETHASH '"365.00" ICD9-HASH-TABLE) "Preglaucoma, unspecified")
(SETF (GETHASH '"365.01" ICD9-HASH-TABLE)
      "Open angle with borderline findings")
(SETF (GETHASH '"365.02" ICD9-HASH-TABLE) "Anatomical narrow angle")
(SETF (GETHASH '"365.03" ICD9-HASH-TABLE) "Steroid responders")
(SETF (GETHASH '"365.04" ICD9-HASH-TABLE) "Ocular hypertension")
(SETF (GETHASH '"365.1" ICD9-HASH-TABLE) "Open-angle glaucoma")
(SETF (GETHASH '"365.10" ICD9-HASH-TABLE)
      "Open-angle glaucoma, unspecified")
(SETF (GETHASH '"365.11" ICD9-HASH-TABLE) "Primary open angle glaucoma")
(SETF (GETHASH '"365.12" ICD9-HASH-TABLE) "Low tension glaucoma")
(SETF (GETHASH '"365.13" ICD9-HASH-TABLE) "Pigmentary glaucoma")
(SETF (GETHASH '"365.14" ICD9-HASH-TABLE) "Glaucoma of childhood")
(SETF (GETHASH '"365.15" ICD9-HASH-TABLE)
      "Residual stage of open angle glaucoma")
(SETF (GETHASH '"365.2" ICD9-HASH-TABLE)
      "Primary angle-closure glaucoma")
(SETF (GETHASH '"365.20" ICD9-HASH-TABLE)
      "Primary angle-closure glaucoma, unspecified")
(SETF (GETHASH '"365.21" ICD9-HASH-TABLE)
      "Intermittent angle-closure glaucoma")
(SETF (GETHASH '"365.22" ICD9-HASH-TABLE) "Acute angle-closure glaucoma")
(SETF (GETHASH '"365.23" ICD9-HASH-TABLE)
      "Chronic angle-closure glaucoma")
(SETF (GETHASH '"365.24" ICD9-HASH-TABLE)
      "Residual stage of angle-closure glaucoma")
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(SETF (GETHASH '"365.3" ICD9-HASH-TABLE)
      "Corticosteroid-induced glaucoma")
(SETF (GETHASH '"365.31" ICD9-HASH-TABLE) "Glaucomatous stage")
(SETF (GETHASH '"365.32" ICD9-HASH-TABLE) "Residual stage")
(SETF (GETHASH '"365.4" ICD9-HASH-TABLE)
      "Glaucoma associated with congenital anomalies, dystrophies, and systemic syndromes")
(SETF (GETHASH '"365.41" ICD9-HASH-TABLE)
      "Glaucoma associated with chamber angle anomalies")
(SETF (GETHASH '"365.42" ICD9-HASH-TABLE)
      "Glaucoma associated with anomalies of iris")
(SETF (GETHASH '"365.43" ICD9-HASH-TABLE)
      "Glaucoma associated with other anterior segment anomalies")
(SETF (GETHASH '"365.44" ICD9-HASH-TABLE)
      "Glaucoma associated with systemic syndromes")
(SETF (GETHASH '"365.5" ICD9-HASH-TABLE)
      "Glaucoma associated with disorders of the lens")
(SETF (GETHASH '"365.51" ICD9-HASH-TABLE) "Phacolytic glaucoma")
(SETF (GETHASH '"365.52" ICD9-HASH-TABLE) "Pseudoexfoliation glaucoma")
(SETF (GETHASH '"365.59" ICD9-HASH-TABLE)
      "Glaucoma associated with other lens disorders")
(SETF (GETHASH '"365.6" ICD9-HASH-TABLE)
      "Glaucoma associated with other ocular disorders")
(SETF (GETHASH '"365.60" ICD9-HASH-TABLE)
      "Glaucoma associated with unspecified ocular disorder")
(SETF (GETHASH '"365.61" ICD9-HASH-TABLE)
      "Glaucoma associated with pupillary block")
(SETF (GETHASH '"365.62" ICD9-HASH-TABLE)
      "Glaucoma associated with ocular inflammations")
(SETF (GETHASH '"365.63" ICD9-HASH-TABLE)
      "Glaucoma associated with vascular disorders")
(SETF (GETHASH '"365.64" ICD9-HASH-TABLE)
      "Glaucoma associated with tumors or cysts")
(SETF (GETHASH '"365.65" ICD9-HASH-TABLE)
      "Glaucoma associated with ocular trauma")
(SETF (GETHASH '"365.8" ICD9-HASH-TABLE)
      "Other specified forms of glaucoma")
(SETF (GETHASH '"365.81" ICD9-HASH-TABLE) "Hypersecretion glaucoma")
(SETF (GETHASH '"365.82" ICD9-HASH-TABLE)
      "Glaucoma with increased episcleral venous pressure")
(SETF (GETHASH '"365.89" ICD9-HASH-TABLE) "Other specified glaucoma")
(SETF (GETHASH '"365.9" ICD9-HASH-TABLE) "Unspecified glaucoma")
(SETF (GETHASH '"366" ICD9-HASH-TABLE) "Cataract")
(SETF (GETHASH '"366.0" ICD9-HASH-TABLE)
      "Infantile, juvenile, and presenile cataract")
(SETF (GETHASH '"366.00" ICD9-HASH-TABLE)
      "Nonsenile cataract, unspecified")
(SETF (GETHASH '"366.01" ICD9-HASH-TABLE)
      "Anterior subcapsular polar cataract")
(SETF (GETHASH '"366.02" ICD9-HASH-TABLE)
      "Posterior subcapsular polar cataract")
(SETF (GETHASH '"366.03" ICD9-HASH-TABLE)
      "Cortical, lamellar, or zonular cataract")
(SETF (GETHASH '"366.04" ICD9-HASH-TABLE) "Nuclear cataract")
(SETF (GETHASH '"366.09" ICD9-HASH-TABLE)
      "Other and combined forms of nonsenile cataract")
(SETF (GETHASH '"366.1" ICD9-HASH-TABLE) "Senile cataract")
(SETF (GETHASH '"366.10" ICD9-HASH-TABLE) "Senile cataract, unspecified")
(SETF (GETHASH '"366.11" ICD9-HASH-TABLE)
      "Pseudoexfoliation of lens capsule")
(SETF (GETHASH '"366.12" ICD9-HASH-TABLE) "Incipient cataract")
(SETF (GETHASH '"366.13" ICD9-HASH-TABLE)
      "Anterior subcapsular polar senile cataract")
(SETF (GETHASH '"366.14" ICD9-HASH-TABLE)
      "Posterior subcapsular polar senile cataract")
(SETF (GETHASH '"366.15" ICD9-HASH-TABLE) "Cortical senile cataract")
(SETF (GETHASH '"366.16" ICD9-HASH-TABLE) "Nuclear sclerosis")
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(SETF (GETHASH '"366.17" ICD9-HASH-TABLE) "Total or mature cataract")
(SETF (GETHASH '"366.18" ICD9-HASH-TABLE) "Hypermature cataract")
(SETF (GETHASH '"366.19" ICD9-HASH-TABLE)
      "Other and combined forms of senile cataract")
(SETF (GETHASH '"366.2" ICD9-HASH-TABLE) "Traumatic cataract")
(SETF (GETHASH '"366.20" ICD9-HASH-TABLE)
      "Traumatic cataract, unspecified")
(SETF (GETHASH '"366.21" ICD9-HASH-TABLE)
      "Localized traumatic opacities")
(SETF (GETHASH '"366.22" ICD9-HASH-TABLE) "Total traumatic cataract")
(SETF (GETHASH '"366.23" ICD9-HASH-TABLE)
      "Partially resolved traumatic cataract")
(SETF (GETHASH '"366.3" ICD9-HASH-TABLE)
      "Cataract secondary to ocular disorders")
(SETF (GETHASH '"366.30" ICD9-HASH-TABLE)
      "Cataracta complicata, unspecified")
(SETF (GETHASH '"366.31" ICD9-HASH-TABLE)
      "Glaucomatous flecks (subcapsular)")
(SETF (GETHASH '"366.32" ICD9-HASH-TABLE)
      "Cataract in inflammatory disorders")
(SETF (GETHASH '"366.33" ICD9-HASH-TABLE)
      "Cataract with neovascularization")
(SETF (GETHASH '"366.34" ICD9-HASH-TABLE)
      "Cataract in degenerative disorders")
(SETF (GETHASH '"366.4" ICD9-HASH-TABLE)
      "Cataract associated with other disorders")
(SETF (GETHASH '"366.41" ICD9-HASH-TABLE) "Diabetic cataract")
(SETF (GETHASH '"366.42" ICD9-HASH-TABLE) "Tetanic cataract")
(SETF (GETHASH '"366.43" ICD9-HASH-TABLE) "Myotonic cataract")
(SETF (GETHASH '"366.44" ICD9-HASH-TABLE)
      "Cataract associated with other syndromes")
(SETF (GETHASH '"366.45" ICD9-HASH-TABLE) "Toxic cataract")
(SETF (GETHASH '"366.46" ICD9-HASH-TABLE)
      "Cataract associated with radiation and other physical influences")
(SETF (GETHASH '"366.5" ICD9-HASH-TABLE) "After-cataract")
(SETF (GETHASH '"366.50" ICD9-HASH-TABLE) "After-cataract, unspecified")
(SETF (GETHASH '"366.51" ICD9-HASH-TABLE) "Soemmering's ring")
(SETF (GETHASH '"366.52" ICD9-HASH-TABLE)
      "Other after-cataract, not obscuring vision")
(SETF (GETHASH '"366.53" ICD9-HASH-TABLE)
      "After-cataract, obscuring vision")
(SETF (GETHASH '"366.8" ICD9-HASH-TABLE) "Other cataract")
(SETF (GETHASH '"366.9" ICD9-HASH-TABLE) "Unspecified cataract")
(SETF (GETHASH '"367" ICD9-HASH-TABLE)
      "Disorders of refraction and accommodation")
(SETF (GETHASH '"367.0" ICD9-HASH-TABLE) "Hypermetropia")
(SETF (GETHASH '"367.1" ICD9-HASH-TABLE) "Myopia")
(SETF (GETHASH '"367.2" ICD9-HASH-TABLE) "Astigmatism")
(SETF (GETHASH '"367.20" ICD9-HASH-TABLE) "Astigmatism, unspecified")
(SETF (GETHASH '"367.21" ICD9-HASH-TABLE) "Regular astigmatism")
(SETF (GETHASH '"367.22" ICD9-HASH-TABLE) "Irregular astigmatism")
(SETF (GETHASH '"367.3" ICD9-HASH-TABLE) "Anisometropia and aniseikonia")
(SETF (GETHASH '"367.31" ICD9-HASH-TABLE) "Anisometropia")
(SETF (GETHASH '"367.32" ICD9-HASH-TABLE) "Aniseikonia")
(SETF (GETHASH '"367.4" ICD9-HASH-TABLE) "Presbyopia")
(SETF (GETHASH '"367.5" ICD9-HASH-TABLE) "Disorders of accommodation")
(SETF (GETHASH '"367.51" ICD9-HASH-TABLE) "Paresis of accommodation")
(SETF (GETHASH '"367.52" ICD9-HASH-TABLE)
      "Total or complete internal ophthalmoplegia")
(SETF (GETHASH '"367.53" ICD9-HASH-TABLE) "Spasm of accommodation")
(SETF (GETHASH '"367.8" ICD9-HASH-TABLE)
      "Other disorders of refraction and accommodation")
(SETF (GETHASH '"367.81" ICD9-HASH-TABLE) "Transient refractive change")
(SETF (GETHASH '"367.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"368" ICD9-HASH-TABLE) "Visual disturbances")
(SETF (GETHASH '"368.0" ICD9-HASH-TABLE) "Amblyopia ex anopsia")
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(SETF (GETHASH '"368.00" ICD9-HASH-TABLE) "Amblyopia, unspecified")
(SETF (GETHASH '"368.01" ICD9-HASH-TABLE) "Strabismic amblyopia")
(SETF (GETHASH '"368.02" ICD9-HASH-TABLE) "Deprivation amblyopia")
(SETF (GETHASH '"368.03" ICD9-HASH-TABLE) "Refractive amblyopia")
(SETF (GETHASH '"368.1" ICD9-HASH-TABLE)
      "Subjective visual disturbances")
(SETF (GETHASH '"368.10" ICD9-HASH-TABLE)
      "Subjective visual disturbance, unspecified")
(SETF (GETHASH '"368.11" ICD9-HASH-TABLE) "Sudden visual loss")
(SETF (GETHASH '"368.12" ICD9-HASH-TABLE) "Transient visual loss")
(SETF (GETHASH '"368.13" ICD9-HASH-TABLE) "Visual discomfort")
(SETF (GETHASH '"368.14" ICD9-HASH-TABLE)
      "Visual distortions of shape and size")
(SETF (GETHASH '"368.15" ICD9-HASH-TABLE)
      "Other visual distortions and entoptic phenomena")
(SETF (GETHASH '"368.16" ICD9-HASH-TABLE)
      "Psychophysical visual disturbances")
(SETF (GETHASH '"368.2" ICD9-HASH-TABLE) "Diplopia")
(SETF (GETHASH '"368.3" ICD9-HASH-TABLE)
      "Other disorders of binocular vision")
(SETF (GETHASH '"368.30" ICD9-HASH-TABLE)
      "Binocular vision disorder, unspecified")
(SETF (GETHASH '"368.31" ICD9-HASH-TABLE)
      "Suppression of binocular vision")
(SETF (GETHASH '"368.32" ICD9-HASH-TABLE)
      "Simultaneous visual perception without fusion")
(SETF (GETHASH '"368.33" ICD9-HASH-TABLE)
      "Fusion with defective stereopsis")
(SETF (GETHASH '"368.34" ICD9-HASH-TABLE)
      "Abnormal retinal correspondence")
(SETF (GETHASH '"368.4" ICD9-HASH-TABLE) "Visual field defects")
(SETF (GETHASH '"368.40" ICD9-HASH-TABLE)
      "Visual field defect, unspecified")
(SETF (GETHASH '"368.41" ICD9-HASH-TABLE)
      "Scotoma involving central area")
(SETF (GETHASH '"368.42" ICD9-HASH-TABLE) "Scotoma of blind spot area")
(SETF (GETHASH '"368.43" ICD9-HASH-TABLE) "Sector or arcuate defects")
(SETF (GETHASH '"368.44" ICD9-HASH-TABLE)
      "Other localized visual field defect")
(SETF (GETHASH '"368.45" ICD9-HASH-TABLE)
      "Generalized contraction or constriction")
(SETF (GETHASH '"368.46" ICD9-HASH-TABLE)
      "Homonymous bilateral field defects")
(SETF (GETHASH '"368.47" ICD9-HASH-TABLE)
      "Heteronymous bilateral field defects")
(SETF (GETHASH '"368.5" ICD9-HASH-TABLE) "Color vision deficiencies")
(SETF (GETHASH '"368.51" ICD9-HASH-TABLE) "Protan defect")
(SETF (GETHASH '"368.52" ICD9-HASH-TABLE) "Deutan defect")
(SETF (GETHASH '"368.53" ICD9-HASH-TABLE) "Tritan defect")
(SETF (GETHASH '"368.54" ICD9-HASH-TABLE) "Achromatopsia")
(SETF (GETHASH '"368.55" ICD9-HASH-TABLE)
      "Acquired color vision deficiencies")
(SETF (GETHASH '"368.59" ICD9-HASH-TABLE)
      "Other color vision deficiencies")
(SETF (GETHASH '"368.6" ICD9-HASH-TABLE) "Night blindness")
(SETF (GETHASH '"368.60" ICD9-HASH-TABLE) "Night blindness, unspecified")
(SETF (GETHASH '"368.61" ICD9-HASH-TABLE) "Congenital night blindness")
(SETF (GETHASH '"368.62" ICD9-HASH-TABLE) "Acquired night blindness")
(SETF (GETHASH '"368.63" ICD9-HASH-TABLE)
      "Abnormal dark adaptation curve")
(SETF (GETHASH '"368.69" ICD9-HASH-TABLE) "Other night blindness")
(SETF (GETHASH '"368.8" ICD9-HASH-TABLE)
      "Other specified visual disturbances")
(SETF (GETHASH '"368.9" ICD9-HASH-TABLE)
      "Unspecified visual disturbance")
(SETF (GETHASH '"369" ICD9-HASH-TABLE) "Blindness and low vision")
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(SETF (GETHASH '"369.0" ICD9-HASH-TABLE)
      "Profound impairment, both eyes")
(SETF (GETHASH '"369.00" ICD9-HASH-TABLE)
      "Impairment level not further specified")
(SETF (GETHASH '"369.01" ICD9-HASH-TABLE)
      "Better eye:  total impairment; lesser eye:  total impairment")
(SETF (GETHASH '"369.02" ICD9-HASH-TABLE)
      "Better eye:  near-total impairment; lesser eye:  not further specified")
(SETF (GETHASH '"369.03" ICD9-HASH-TABLE)
      "Better eye:  near-total impairment; lesser eye:  total impairment")
(SETF (GETHASH '"369.04" ICD9-HASH-TABLE)
      "Better eye:  near-total impairment; lesser eye:  near-total impairment")
(SETF (GETHASH '"369.05" ICD9-HASH-TABLE)
      "Better eye:  profound impairment; lesser eye:  not further specified")
(SETF (GETHASH '"369.06" ICD9-HASH-TABLE)
      "Better eye:  profound impairment; lesser eye:  total impairment")
(SETF (GETHASH '"369.07" ICD9-HASH-TABLE)
      "Better eye:  profound impairment; lesser eye:  near-total impairment")
(SETF (GETHASH '"369.08" ICD9-HASH-TABLE)
      "Better eye:  profound impairment; lesser eye:  profound impairment")
(SETF (GETHASH '"369.1" ICD9-HASH-TABLE)
      "Moderate or severe impairment, better eye, profound impairment lesser eye")
(SETF (GETHASH '"369.10" ICD9-HASH-TABLE)
      "Impairment level not further specified")
(SETF (GETHASH '"369.11" ICD9-HASH-TABLE)
      "Better eye:  severe impairment; lesser eye:  blind, not further specified")
(SETF (GETHASH '"369.12" ICD9-HASH-TABLE)
      "Better eye:  severe impairment; lesser eye:  total impairment")
(SETF (GETHASH '"369.13" ICD9-HASH-TABLE)
      "Better eye:  severe impairment; lesser eye:  near-total impairment")
(SETF (GETHASH '"369.14" ICD9-HASH-TABLE)
      "Better eye:  severe impairment; lesser eye:  profound impairment")
(SETF (GETHASH '"369.15" ICD9-HASH-TABLE)
      "Better eye:  moderate impairment; lesser eye:  blind, not further specified")
(SETF (GETHASH '"369.16" ICD9-HASH-TABLE)
      "Better eye:  moderate impairment; lesser eye:  total impairment")
(SETF (GETHASH '"369.17" ICD9-HASH-TABLE)
      "Better eye:  moderate impairment; lesser eye:  near-total impairment")
(SETF (GETHASH '"369.18" ICD9-HASH-TABLE)
      "Better eye:  moderate impairment; lesser eye:  profound impairment")
(SETF (GETHASH '"369.2" ICD9-HASH-TABLE)
      "Moderate or severe impairment, both eyes")
(SETF (GETHASH '"369.20" ICD9-HASH-TABLE)
      "Impairment level not further specified")
(SETF (GETHASH '"369.21" ICD9-HASH-TABLE)
      "Better eye:  severe impairment; lesser eye:  not further specified")
(SETF (GETHASH '"369.22" ICD9-HASH-TABLE)
      "Better eye:  severe impairment; lesser eye:  severe impairment")
(SETF (GETHASH '"369.23" ICD9-HASH-TABLE)
      "Better eye:  moderate impairment; lesser eye:  not further specified")
(SETF (GETHASH '"369.24" ICD9-HASH-TABLE)
      "Better eye:  moderate impairment; lesser eye:  severe impairment")
(SETF (GETHASH '"369.25" ICD9-HASH-TABLE)
      "Better eye:  moderate impairment; lesser eye:  moderate impairment")
(SETF (GETHASH '"369.3" ICD9-HASH-TABLE)
      "Unqualified visual loss, both eyes")
(SETF (GETHASH '"369.4" ICD9-HASH-TABLE)
      "Legal blindness, as defined in U.S.A.")
(SETF (GETHASH '"369.6" ICD9-HASH-TABLE) "Profound impairment, one eye")
(SETF (GETHASH '"369.60" ICD9-HASH-TABLE)
      "Impairment level not further specified")
(SETF (GETHASH '"369.61" ICD9-HASH-TABLE)
      "One eye:  total impairment; other eye:  not specified")
(SETF (GETHASH '"369.62" ICD9-HASH-TABLE)
      "One eye:  total impairment; other eye:  near-normal vision")
(SETF (GETHASH '"369.63" ICD9-HASH-TABLE)
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      "One eye:  total impairment; other eye:  normal vision")
(SETF (GETHASH '"369.64" ICD9-HASH-TABLE)
      "One eye:  near-total impairment; other eye:  not specified")
(SETF (GETHASH '"369.65" ICD9-HASH-TABLE)
      "One eye:  near-total impairment; other eye:  near-normal vision")
(SETF (GETHASH '"369.66" ICD9-HASH-TABLE)
      "One eye:  near-total impairment; other eye:  normal vision")
(SETF (GETHASH '"369.67" ICD9-HASH-TABLE)
      "One eye:  profound impairment; other eye:  not specified")
(SETF (GETHASH '"369.68" ICD9-HASH-TABLE)
      "One eye:  profound impairment; other eye:  near-normal vision")
(SETF (GETHASH '"369.69" ICD9-HASH-TABLE)
      "One eye:  profound impairment; other eye:  normal vision")
(SETF (GETHASH '"369.7" ICD9-HASH-TABLE)
      "Moderate or severe impairment, one eye")
(SETF (GETHASH '"369.70" ICD9-HASH-TABLE)
      "Impairment level not further specified")
(SETF (GETHASH '"369.71" ICD9-HASH-TABLE)
      "One eye:  severe impairment; other eye:  not specified")
(SETF (GETHASH '"369.72" ICD9-HASH-TABLE)
      "One eye:  severe impairment; other eye:  near-normal vision")
(SETF (GETHASH '"369.73" ICD9-HASH-TABLE)
      "One eye:  severe impairment; other eye:  normal vision")
(SETF (GETHASH '"369.74" ICD9-HASH-TABLE)
      "One eye:  moderate impairment; other eye:  not specified")
(SETF (GETHASH '"369.75" ICD9-HASH-TABLE)
      "One eye:  moderate impairment; other eye:  near-normal vision")
(SETF (GETHASH '"369.76" ICD9-HASH-TABLE)
      "One eye:  moderate impairment; other eye:  normal vision")
(SETF (GETHASH '"369.8" ICD9-HASH-TABLE)
      "Unqualified visual loss, one eye")
(SETF (GETHASH '"369.9" ICD9-HASH-TABLE) "Unspecified visual loss")
(SETF (GETHASH '"370" ICD9-HASH-TABLE) "Keratitis")
(SETF (GETHASH '"370.0" ICD9-HASH-TABLE) "Corneal ulcer")
(SETF (GETHASH '"370.00" ICD9-HASH-TABLE) "Corneal ulcer, unspecified")
(SETF (GETHASH '"370.01" ICD9-HASH-TABLE) "Marginal corneal ulcer")
(SETF (GETHASH '"370.02" ICD9-HASH-TABLE) "Ring corneal ulcer")
(SETF (GETHASH '"370.03" ICD9-HASH-TABLE) "Central corneal ulcer")
(SETF (GETHASH '"370.04" ICD9-HASH-TABLE) "Hypopyon ulcer")
(SETF (GETHASH '"370.05" ICD9-HASH-TABLE) "Mycotic corneal ulcer")
(SETF (GETHASH '"370.06" ICD9-HASH-TABLE) "Perforated corneal ulcer")
(SETF (GETHASH '"370.07" ICD9-HASH-TABLE) "Mooren's ulcer")
(SETF (GETHASH '"370.2" ICD9-HASH-TABLE)
      "Superficial keratitis without conjunctivitis")
(SETF (GETHASH '"370.20" ICD9-HASH-TABLE)
      "Superficial keratitis, unspecified")
(SETF (GETHASH '"370.21" ICD9-HASH-TABLE) "Punctate keratitis")
(SETF (GETHASH '"370.22" ICD9-HASH-TABLE) "Macular keratitis")
(SETF (GETHASH '"370.23" ICD9-HASH-TABLE) "Filamentary keratitis")
(SETF (GETHASH '"370.24" ICD9-HASH-TABLE) "Photokeratitis")
(SETF (GETHASH '"370.3" ICD9-HASH-TABLE)
      "Certain types of keratoconjunctivitis")
(SETF (GETHASH '"370.31" ICD9-HASH-TABLE)
      "Phlyctenular keratoconjunctivitis")
(SETF (GETHASH '"370.32" ICD9-HASH-TABLE)
      "Limbar and corneal involvement in vernal conjunctivitis")
(SETF (GETHASH '"370.33" ICD9-HASH-TABLE)
      "Keratoconjunctivitis sicca, not specified as Sjgren's")
(SETF (GETHASH '"370.34" ICD9-HASH-TABLE)
      "Exposure keratoconjunctivitis")
(SETF (GETHASH '"370.35" ICD9-HASH-TABLE)
      "Neurotrophic keratoconjunctivitis")
(SETF (GETHASH '"370.4" ICD9-HASH-TABLE)
      "Other and unspecified keratoconjunctivitis")
(SETF (GETHASH '"370.40" ICD9-HASH-TABLE)
      "Keratoconjunctivitis, unspecified")
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(SETF (GETHASH '"370.44" ICD9-HASH-TABLE)
      "Keratitis or keratoconjunctivitis in exanthema")
(SETF (GETHASH '"370.49" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"370.5" ICD9-HASH-TABLE)
      "Interstitial and deep keratitis")
(SETF (GETHASH '"370.50" ICD9-HASH-TABLE)
      "Interstitial keratitis, unspecified")
(SETF (GETHASH '"370.52" ICD9-HASH-TABLE)
      "Diffuse interstitial keratitis")
(SETF (GETHASH '"370.54" ICD9-HASH-TABLE) "Sclerosing keratitis")
(SETF (GETHASH '"370.55" ICD9-HASH-TABLE) "Corneal abscess")
(SETF (GETHASH '"370.59" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"370.6" ICD9-HASH-TABLE) "Corneal neovascularization")
(SETF (GETHASH '"370.60" ICD9-HASH-TABLE)
      "Corneal neovascularization, unspecified")
(SETF (GETHASH '"370.61" ICD9-HASH-TABLE)
      "Localized vascularization of cornea")
(SETF (GETHASH '"370.62" ICD9-HASH-TABLE) "Pannus (corneal)")
(SETF (GETHASH '"370.63" ICD9-HASH-TABLE)
      "Deep vascularization of cornea")
(SETF (GETHASH '"370.64" ICD9-HASH-TABLE) "Ghost vessels (corneal)")
(SETF (GETHASH '"370.8" ICD9-HASH-TABLE) "Other forms of keratitis")
(SETF (GETHASH '"370.9" ICD9-HASH-TABLE) "Unspecified keratitis")
(SETF (GETHASH '"371" ICD9-HASH-TABLE)
      "Corneal opacity and other disorders of cornea")
(SETF (GETHASH '"371.0" ICD9-HASH-TABLE) "Corneal scars and opacities")
(SETF (GETHASH '"371.00" ICD9-HASH-TABLE) "Corneal opacity, unspecified")
(SETF (GETHASH '"371.01" ICD9-HASH-TABLE) "Minor opacity of cornea")
(SETF (GETHASH '"371.02" ICD9-HASH-TABLE) "Peripheral opacity of cornea")
(SETF (GETHASH '"371.03" ICD9-HASH-TABLE) "Central opacity of cornea")
(SETF (GETHASH '"371.04" ICD9-HASH-TABLE) "Adherent leucoma")
(SETF (GETHASH '"371.05" ICD9-HASH-TABLE) "Phthisical cornea")
(SETF (GETHASH '"371.1" ICD9-HASH-TABLE)
      "Corneal pigmentations and deposits")
(SETF (GETHASH '"371.10" ICD9-HASH-TABLE) "Corneal deposit, unspecified")
(SETF (GETHASH '"371.11" ICD9-HASH-TABLE) "Anterior pigmentations")
(SETF (GETHASH '"371.12" ICD9-HASH-TABLE) "Stromal pigmentations")
(SETF (GETHASH '"371.13" ICD9-HASH-TABLE) "Posterior pigmentations")
(SETF (GETHASH '"371.14" ICD9-HASH-TABLE) "Kayser-Fleischer ring")
(SETF (GETHASH '"371.15" ICD9-HASH-TABLE)
      "Other deposits associated with metabolic disorders")
(SETF (GETHASH '"371.16" ICD9-HASH-TABLE) "Argentous deposits")
(SETF (GETHASH '"371.2" ICD9-HASH-TABLE) "Corneal edema")
(SETF (GETHASH '"371.20" ICD9-HASH-TABLE) "Corneal edema, unspecified")
(SETF (GETHASH '"371.21" ICD9-HASH-TABLE) "Idiopathic corneal edema")
(SETF (GETHASH '"371.22" ICD9-HASH-TABLE) "Secondary corneal edema")
(SETF (GETHASH '"371.23" ICD9-HASH-TABLE) "Bullous keratopathy")
(SETF (GETHASH '"371.24" ICD9-HASH-TABLE)
      "Corneal edema due to wearing of contact lenses")
(SETF (GETHASH '"371.3" ICD9-HASH-TABLE) "Changes of corneal membranes")
(SETF (GETHASH '"371.30" ICD9-HASH-TABLE)
      "Corneal membrane change, unspecified")
(SETF (GETHASH '"371.31" ICD9-HASH-TABLE)
      "Folds and rupture of Bowman's membrane")
(SETF (GETHASH '"371.32" ICD9-HASH-TABLE) "Folds in Descemet's membrane")
(SETF (GETHASH '"371.33" ICD9-HASH-TABLE)
      "Rupture in Descemet's membrane")
(SETF (GETHASH '"371.4" ICD9-HASH-TABLE) "Corneal degenerations")
(SETF (GETHASH '"371.40" ICD9-HASH-TABLE)
      "Corneal degeneration, unspecified")
(SETF (GETHASH '"371.41" ICD9-HASH-TABLE) "Senile corneal changes")
(SETF (GETHASH '"371.42" ICD9-HASH-TABLE) "Recurrent erosion of cornea")
(SETF (GETHASH '"371.43" ICD9-HASH-TABLE) "Band-shaped keratopathy")
(SETF (GETHASH '"371.44" ICD9-HASH-TABLE)
      "Other calcerous degenerations of cornea")
(SETF (GETHASH '"371.45" ICD9-HASH-TABLE) "Keratomalacia NOS")
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(SETF (GETHASH '"371.46" ICD9-HASH-TABLE)
      "Nodular degeneration of cornea")
(SETF (GETHASH '"371.48" ICD9-HASH-TABLE)
      "Peripheral degenerations of cornea")
(SETF (GETHASH '"371.49" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"371.5" ICD9-HASH-TABLE)
      "Hereditary corneal dystrophies")
(SETF (GETHASH '"371.50" ICD9-HASH-TABLE)
      "Corneal dystrophy, unspecified")
(SETF (GETHASH '"371.51" ICD9-HASH-TABLE)
      "Juvenile epithelial corneal dystrophy")
(SETF (GETHASH '"371.52" ICD9-HASH-TABLE)
      "Other anterior corneal dystrophies")
(SETF (GETHASH '"371.53" ICD9-HASH-TABLE) "Granular corneal dystrophy")
(SETF (GETHASH '"371.54" ICD9-HASH-TABLE) "Lattice corneal dystrophy")
(SETF (GETHASH '"371.55" ICD9-HASH-TABLE) "Macular corneal dystrophy")
(SETF (GETHASH '"371.56" ICD9-HASH-TABLE)
      "Other stromal corneal dystrophies")
(SETF (GETHASH '"371.57" ICD9-HASH-TABLE)
      "Endothelial corneal dystrophy")
(SETF (GETHASH '"371.58" ICD9-HASH-TABLE)
      "Other posterior corneal dystrophies")
(SETF (GETHASH '"371.6" ICD9-HASH-TABLE) "Keratoconus")
(SETF (GETHASH '"371.60" ICD9-HASH-TABLE) "Keratoconus, unspecified")
(SETF (GETHASH '"371.61" ICD9-HASH-TABLE)
      "Keratoconus, stable condition")
(SETF (GETHASH '"371.62" ICD9-HASH-TABLE) "Keratoconus, acute hydrops")
(SETF (GETHASH '"371.7" ICD9-HASH-TABLE) "Other corneal deformities")
(SETF (GETHASH '"371.70" ICD9-HASH-TABLE)
      "Corneal deformity, unspecified")
(SETF (GETHASH '"371.71" ICD9-HASH-TABLE) "Corneal ectasia")
(SETF (GETHASH '"371.72" ICD9-HASH-TABLE) "Descemetocele")
(SETF (GETHASH '"371.73" ICD9-HASH-TABLE) "Corneal staphyloma")
(SETF (GETHASH '"371.8" ICD9-HASH-TABLE) "Other corneal disorders")
(SETF (GETHASH '"371.81" ICD9-HASH-TABLE)
      "Corneal anesthesia and hypoesthesia")
(SETF (GETHASH '"371.82" ICD9-HASH-TABLE)
      "Corneal disorder due to contact lens")
(SETF (GETHASH '"371.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"371.9" ICD9-HASH-TABLE) "Unspecified corneal disorder")
(SETF (GETHASH '"372" ICD9-HASH-TABLE) "Disorders of conjunctiva")
(SETF (GETHASH '"372.0" ICD9-HASH-TABLE) "Acute conjunctivitis")
(SETF (GETHASH '"372.00" ICD9-HASH-TABLE)
      "Acute conjunctivitis, unspecified")
(SETF (GETHASH '"372.01" ICD9-HASH-TABLE)
      "Serous conjunctivitis, except viral")
(SETF (GETHASH '"372.02" ICD9-HASH-TABLE)
      "Acute follicular conjunctivitis")
(SETF (GETHASH '"372.03" ICD9-HASH-TABLE)
      "Other mucopurulent conjunctivitis")
(SETF (GETHASH '"372.04" ICD9-HASH-TABLE)
      "Pseudomembranous conjunctivitis")
(SETF (GETHASH '"372.05" ICD9-HASH-TABLE) "Acute atopic conjunctivitis")
(SETF (GETHASH '"372.1" ICD9-HASH-TABLE) "Chronic conjunctivitis")
(SETF (GETHASH '"372.10" ICD9-HASH-TABLE)
      "Chronic conjunctivitis, unspecified")
(SETF (GETHASH '"372.11" ICD9-HASH-TABLE)
      "Simple chronic conjunctivitis")
(SETF (GETHASH '"372.12" ICD9-HASH-TABLE)
      "Chronic follicular conjunctivitis")
(SETF (GETHASH '"372.13" ICD9-HASH-TABLE) "Vernal conjunctivitis")
(SETF (GETHASH '"372.14" ICD9-HASH-TABLE)
      "Other chronic allergic conjunctivitis")
(SETF (GETHASH '"372.15" ICD9-HASH-TABLE) "Parasitic conjunctivitis")
(SETF (GETHASH '"372.2" ICD9-HASH-TABLE) "Blepharoconjunctivitis")
(SETF (GETHASH '"372.20" ICD9-HASH-TABLE)
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      "Blepharoconjunctivitis, unspecified")
(SETF (GETHASH '"372.21" ICD9-HASH-TABLE)
      "Angular blepharoconjunctivitis")
(SETF (GETHASH '"372.22" ICD9-HASH-TABLE)
      "Contact blepharoconjunctivitis")
(SETF (GETHASH '"372.3" ICD9-HASH-TABLE)
      "Other and unspecified conjunctivitis")
(SETF (GETHASH '"372.30" ICD9-HASH-TABLE) "Conjunctivitis, unspecified")
(SETF (GETHASH '"372.31" ICD9-HASH-TABLE) "Rosacea conjunctivitis")
(SETF (GETHASH '"372.33" ICD9-HASH-TABLE)
      "Conjunctivitis in mucocutaneous disease")
(SETF (GETHASH '"372.39" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"372.4" ICD9-HASH-TABLE) "Pterygium")
(SETF (GETHASH '"372.40" ICD9-HASH-TABLE) "Pterygium, unspecified")
(SETF (GETHASH '"372.41" ICD9-HASH-TABLE)
      "Peripheral pterygium, stationary")
(SETF (GETHASH '"372.42" ICD9-HASH-TABLE)
      "Peripheral pterygium, progressive")
(SETF (GETHASH '"372.43" ICD9-HASH-TABLE) "Central pterygium")
(SETF (GETHASH '"372.44" ICD9-HASH-TABLE) "Double pterygium")
(SETF (GETHASH '"372.45" ICD9-HASH-TABLE) "Recurrent pterygium")
(SETF (GETHASH '"372.5" ICD9-HASH-TABLE)
      "Conjunctival degenerations and deposits")
(SETF (GETHASH '"372.50" ICD9-HASH-TABLE)
      "Conjunctival degeneration, unspecified")
(SETF (GETHASH '"372.51" ICD9-HASH-TABLE) "Pinguecula")
(SETF (GETHASH '"372.52" ICD9-HASH-TABLE) "Pseudopterygium")
(SETF (GETHASH '"372.53" ICD9-HASH-TABLE) "Conjunctival xerosis")
(SETF (GETHASH '"372.54" ICD9-HASH-TABLE) "Conjunctival concretions")
(SETF (GETHASH '"372.55" ICD9-HASH-TABLE) "Conjunctival pigmentations")
(SETF (GETHASH '"372.56" ICD9-HASH-TABLE) "Conjunctival deposits")
(SETF (GETHASH '"372.6" ICD9-HASH-TABLE) "Conjunctival scars")
(SETF (GETHASH '"372.61" ICD9-HASH-TABLE) "Granuloma of conjunctiva")
(SETF (GETHASH '"372.62" ICD9-HASH-TABLE)
      "Localized adhesions and strands of conjunctiva")
(SETF (GETHASH '"372.63" ICD9-HASH-TABLE) "Symblepharon")
(SETF (GETHASH '"372.64" ICD9-HASH-TABLE) "Scarring of conjunctiva")
(SETF (GETHASH '"372.7" ICD9-HASH-TABLE)
      "Conjunctival vascular disorders and cysts")
(SETF (GETHASH '"372.71" ICD9-HASH-TABLE) "Hyperemia of conjunctiva")
(SETF (GETHASH '"372.72" ICD9-HASH-TABLE) "Conjunctival hemorrhage")
(SETF (GETHASH '"372.73" ICD9-HASH-TABLE) "Conjunctival edema")
(SETF (GETHASH '"372.74" ICD9-HASH-TABLE)
      "Vascular abnormalities of conjunctiva")
(SETF (GETHASH '"372.75" ICD9-HASH-TABLE) "Conjunctival cysts")
(SETF (GETHASH '"372.8" ICD9-HASH-TABLE)
      "Other disorders of conjunctiva")
(SETF (GETHASH '"372.9" ICD9-HASH-TABLE)
      "Unspecified disorder of conjunctiva")
(SETF (GETHASH '"373" ICD9-HASH-TABLE) "Inflammation of eyelids")
(SETF (GETHASH '"373.0" ICD9-HASH-TABLE) "Blepharitis")
(SETF (GETHASH '"373.00" ICD9-HASH-TABLE) "Blepharitis, unspecified")
(SETF (GETHASH '"373.01" ICD9-HASH-TABLE) "Ulcerative blepharitis")
(SETF (GETHASH '"373.02" ICD9-HASH-TABLE) "Squamous blepharitis")
(SETF (GETHASH '"373.1" ICD9-HASH-TABLE)
      "Hordeolum and other deep inflammation of eyelid")
(SETF (GETHASH '"373.11" ICD9-HASH-TABLE) "Hordeolum externum")
(SETF (GETHASH '"373.12" ICD9-HASH-TABLE) "Hordeolum internum")
(SETF (GETHASH '"373.13" ICD9-HASH-TABLE) "Abscess of eyelid")
(SETF (GETHASH '"373.2" ICD9-HASH-TABLE) "Chalazion")
(SETF (GETHASH '"373.3" ICD9-HASH-TABLE)
      "Noninfectious dermatoses of eyelid")
(SETF (GETHASH '"373.31" ICD9-HASH-TABLE)
      "Eczematous dermatitis of eyelid")
(SETF (GETHASH '"373.32" ICD9-HASH-TABLE)
      "Contact and allergic dermatitis of eyelid")
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(SETF (GETHASH '"373.33" ICD9-HASH-TABLE) "Xeroderma of eyelid")
(SETF (GETHASH '"373.34" ICD9-HASH-TABLE)
      "Discoid lupus erythematosus of eyelid")
(SETF (GETHASH '"373.4" ICD9-HASH-TABLE)
      "Infective dermatitis of eyelid of types resulting in deformity")
(SETF (GETHASH '"373.5" ICD9-HASH-TABLE)
      "Other infective dermatitis of eyelid")
(SETF (GETHASH '"373.6" ICD9-HASH-TABLE)
      "Parasitic infestation of eyelid")
(SETF (GETHASH '"373.8" ICD9-HASH-TABLE)
      "Other inflammations of eyelids")
(SETF (GETHASH '"373.9" ICD9-HASH-TABLE)
      "Unspecified inflammation of eyelid")
(SETF (GETHASH '"374" ICD9-HASH-TABLE) "Other disorders of eyelids")
(SETF (GETHASH '"374.0" ICD9-HASH-TABLE)
      "Entropion and trichiasis of eyelid")
(SETF (GETHASH '"374.00" ICD9-HASH-TABLE) "Entropion, unspecified")
(SETF (GETHASH '"374.01" ICD9-HASH-TABLE) "Senile entropion")
(SETF (GETHASH '"374.02" ICD9-HASH-TABLE) "Mechanical entropion")
(SETF (GETHASH '"374.03" ICD9-HASH-TABLE) "Spastic entropion")
(SETF (GETHASH '"374.04" ICD9-HASH-TABLE) "Cicatricial entropion")
(SETF (GETHASH '"374.05" ICD9-HASH-TABLE) "Trichiasis without entropion")
(SETF (GETHASH '"374.1" ICD9-HASH-TABLE) "Ectropion")
(SETF (GETHASH '"374.10" ICD9-HASH-TABLE) "Ectropion, unspecified")
(SETF (GETHASH '"374.11" ICD9-HASH-TABLE) "Senile ectropion")
(SETF (GETHASH '"374.12" ICD9-HASH-TABLE) "Mechanical ectropion")
(SETF (GETHASH '"374.13" ICD9-HASH-TABLE) "Spastic ectropion")
(SETF (GETHASH '"374.14" ICD9-HASH-TABLE) "Cicatricial ectropion")
(SETF (GETHASH '"374.2" ICD9-HASH-TABLE) "Lagophthalmos")
(SETF (GETHASH '"374.20" ICD9-HASH-TABLE) "Lagophthalmos, unspecified")
(SETF (GETHASH '"374.21" ICD9-HASH-TABLE) "Paralytic lagophthalmos")
(SETF (GETHASH '"374.22" ICD9-HASH-TABLE) "Mechanical lagophthalmos")
(SETF (GETHASH '"374.23" ICD9-HASH-TABLE) "Cicatricial lagophthalmos")
(SETF (GETHASH '"374.3" ICD9-HASH-TABLE) "Ptosis of eyelid")
(SETF (GETHASH '"374.30" ICD9-HASH-TABLE)
      "Ptosis of eyelid, unspecified")
(SETF (GETHASH '"374.31" ICD9-HASH-TABLE) "Paralytic ptosis")
(SETF (GETHASH '"374.32" ICD9-HASH-TABLE) "Myogenic ptosis")
(SETF (GETHASH '"374.33" ICD9-HASH-TABLE) "Mechanical ptosis")
(SETF (GETHASH '"374.34" ICD9-HASH-TABLE) "Blepharochalasis")
(SETF (GETHASH '"374.4" ICD9-HASH-TABLE)
      "Other disorders affecting eyelid function")
(SETF (GETHASH '"374.41" ICD9-HASH-TABLE) "Lid retraction or lag")
(SETF (GETHASH '"374.44" ICD9-HASH-TABLE) "Sensory disorders")
(SETF (GETHASH '"374.45" ICD9-HASH-TABLE) "Other sensorimotor disorders")
(SETF (GETHASH '"374.46" ICD9-HASH-TABLE) "Blepharophimosis")
(SETF (GETHASH '"374.5" ICD9-HASH-TABLE)
      "Degenerative disorders of eyelid and periocular area")
(SETF (GETHASH '"374.50" ICD9-HASH-TABLE)
      "Degenerative disorder of eyelid, unspecified")
(SETF (GETHASH '"374.51" ICD9-HASH-TABLE) "Xanthelasma")
(SETF (GETHASH '"374.52" ICD9-HASH-TABLE) "Hyperpigmentation of eyelid")
(SETF (GETHASH '"374.53" ICD9-HASH-TABLE) "Hypopigmentation of eyelid")
(SETF (GETHASH '"374.54" ICD9-HASH-TABLE) "Hypertrichosis of eyelid")
(SETF (GETHASH '"374.55" ICD9-HASH-TABLE) "Hypotrichosis of eyelid")
(SETF (GETHASH '"374.56" ICD9-HASH-TABLE)
      "Other degenerative disorders of skin affecting eyelid")
(SETF (GETHASH '"374.8" ICD9-HASH-TABLE) "Other disorders of eyelid")
(SETF (GETHASH '"374.81" ICD9-HASH-TABLE) "Hemorrhage of eyelid")
(SETF (GETHASH '"374.82" ICD9-HASH-TABLE) "Edema of eyelid")
(SETF (GETHASH '"374.83" ICD9-HASH-TABLE) "Elephantiasis of eyelid")
(SETF (GETHASH '"374.84" ICD9-HASH-TABLE) "Cysts of eyelids")
(SETF (GETHASH '"374.85" ICD9-HASH-TABLE) "Vascular anomalies of eyelid")
(SETF (GETHASH '"374.86" ICD9-HASH-TABLE)
      "Retained foreign body of eyelid")
(SETF (GETHASH '"374.87" ICD9-HASH-TABLE) "Dermatochalasis")
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(SETF (GETHASH '"374.89" ICD9-HASH-TABLE) "Other disorders of eyelid")
(SETF (GETHASH '"374.9" ICD9-HASH-TABLE)
      "Unspecified disorder of eyelid")
(SETF (GETHASH '"375" ICD9-HASH-TABLE) "Disorders of lacrimal system")
(SETF (GETHASH '"375.0" ICD9-HASH-TABLE) "Dacryoadenitis")
(SETF (GETHASH '"375.00" ICD9-HASH-TABLE) "Dacryoadenitis, unspecified")
(SETF (GETHASH '"375.01" ICD9-HASH-TABLE) "Acute dacryoadenitis")
(SETF (GETHASH '"375.02" ICD9-HASH-TABLE) "Chronic dacryoadenitis")
(SETF (GETHASH '"375.03" ICD9-HASH-TABLE)
      "Chronic enlargement of lacrimal gland")
(SETF (GETHASH '"375.1" ICD9-HASH-TABLE)
      "Other disorders of lacrimal gland")
(SETF (GETHASH '"375.11" ICD9-HASH-TABLE) "Dacryops")
(SETF (GETHASH '"375.12" ICD9-HASH-TABLE)
      "Other lacrimal cysts and cystic degeneration")
(SETF (GETHASH '"375.13" ICD9-HASH-TABLE) "Primary lacrimal atrophy")
(SETF (GETHASH '"375.14" ICD9-HASH-TABLE) "Secondary lacrimal atrophy")
(SETF (GETHASH '"375.15" ICD9-HASH-TABLE)
      "Tear film insufficiency, unspecified")
(SETF (GETHASH '"375.16" ICD9-HASH-TABLE)
      "Dislocation of lacrimal gland")
(SETF (GETHASH '"375.2" ICD9-HASH-TABLE) "Epiphora")
(SETF (GETHASH '"375.20" ICD9-HASH-TABLE)
      "Epiphora, unspecified as to cause")
(SETF (GETHASH '"375.21" ICD9-HASH-TABLE)
      "Epiphora due to excess lacrimation")
(SETF (GETHASH '"375.22" ICD9-HASH-TABLE)
      "Epiphora due to insufficient drainage")
(SETF (GETHASH '"375.3" ICD9-HASH-TABLE)
      "Acute and unspecified inflammation of lacrimal passages")
(SETF (GETHASH '"375.30" ICD9-HASH-TABLE) "Dacryocystitis, unspecified")
(SETF (GETHASH '"375.31" ICD9-HASH-TABLE)
      "Acute canaliculitis, lacrimal")
(SETF (GETHASH '"375.32" ICD9-HASH-TABLE) "Acute dacryocystitis")
(SETF (GETHASH '"375.33" ICD9-HASH-TABLE) "Phlegmonous dacryocystitis")
(SETF (GETHASH '"375.4" ICD9-HASH-TABLE)
      "Chronic inflammation of lacrimal passages")
(SETF (GETHASH '"375.41" ICD9-HASH-TABLE) "Chronic canaliculitis")
(SETF (GETHASH '"375.42" ICD9-HASH-TABLE) "Chronic dacryocystitis")
(SETF (GETHASH '"375.43" ICD9-HASH-TABLE) "Lacrimal mucocele")
(SETF (GETHASH '"375.5" ICD9-HASH-TABLE)
      "Stenosis and insufficiency of lacrimal passages")
(SETF (GETHASH '"375.51" ICD9-HASH-TABLE) "Eversion of lacrimal punctum")
(SETF (GETHASH '"375.52" ICD9-HASH-TABLE) "Stenosis of lacrimal punctum")
(SETF (GETHASH '"375.53" ICD9-HASH-TABLE)
      "Stenosis of lacrimal canaliculi")
(SETF (GETHASH '"375.54" ICD9-HASH-TABLE) "Stenosis of lacrimal sac")
(SETF (GETHASH '"375.55" ICD9-HASH-TABLE)
      "Obstruction of nasolacrimal duct, neonatal")
(SETF (GETHASH '"375.56" ICD9-HASH-TABLE)
      "Stenosis of nasolacrimal duct, acquired")
(SETF (GETHASH '"375.57" ICD9-HASH-TABLE) "Dacryolith")
(SETF (GETHASH '"375.6" ICD9-HASH-TABLE)
      "Other changes of lacrimal passages")
(SETF (GETHASH '"375.61" ICD9-HASH-TABLE) "Lacrimal fistula")
(SETF (GETHASH '"375.69" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"375.8" ICD9-HASH-TABLE)
      "Other disorders of lacrimal system")
(SETF (GETHASH '"375.81" ICD9-HASH-TABLE)
      "Granuloma of lacrimal passages")
(SETF (GETHASH '"375.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"375.9" ICD9-HASH-TABLE)
      "Unspecified disorder of lacrimal system")
(SETF (GETHASH '"376" ICD9-HASH-TABLE) "Disorders of the orbit")
(SETF (GETHASH '"376.0" ICD9-HASH-TABLE) "Acute inflammation of orbit")
(SETF (GETHASH '"376.00" ICD9-HASH-TABLE)
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      "Acute inflammation of orbit, unspecified")
(SETF (GETHASH '"376.01" ICD9-HASH-TABLE) "Orbital cellulitis")
(SETF (GETHASH '"376.02" ICD9-HASH-TABLE) "Orbital periostitis")
(SETF (GETHASH '"376.03" ICD9-HASH-TABLE) "Orbital osteomyelitis")
(SETF (GETHASH '"376.04" ICD9-HASH-TABLE) "Tenonitis")
(SETF (GETHASH '"376.1" ICD9-HASH-TABLE)
      "Chronic inflammatory disorders of orbit")
(SETF (GETHASH '"376.10" ICD9-HASH-TABLE)
      "Chronic inflammation of orbit, unspecified")
(SETF (GETHASH '"376.11" ICD9-HASH-TABLE) "Orbital granuloma")
(SETF (GETHASH '"376.12" ICD9-HASH-TABLE) "Orbital myositis")
(SETF (GETHASH '"376.13" ICD9-HASH-TABLE)
      "Parasitic infestation of orbit")
(SETF (GETHASH '"376.2" ICD9-HASH-TABLE) "Endocrine exophthalmos")
(SETF (GETHASH '"376.21" ICD9-HASH-TABLE) "Thyrotoxic exophthalmos")
(SETF (GETHASH '"376.22" ICD9-HASH-TABLE) "Exophthalmic ophthalmoplegia")
(SETF (GETHASH '"376.3" ICD9-HASH-TABLE) "Other exophthalmic conditions")
(SETF (GETHASH '"376.30" ICD9-HASH-TABLE) "Exophthalmos, unspecified")
(SETF (GETHASH '"376.31" ICD9-HASH-TABLE) "Constant exophthalmos")
(SETF (GETHASH '"376.32" ICD9-HASH-TABLE) "Orbital hemorrhage")
(SETF (GETHASH '"376.33" ICD9-HASH-TABLE) "Orbital edema or congestion")
(SETF (GETHASH '"376.34" ICD9-HASH-TABLE) "Intermittent exophthalmos")
(SETF (GETHASH '"376.35" ICD9-HASH-TABLE) "Pulsating exophthalmos")
(SETF (GETHASH '"376.36" ICD9-HASH-TABLE)
      "Lateral displacement of globe")
(SETF (GETHASH '"376.4" ICD9-HASH-TABLE) "Deformity of orbit")
(SETF (GETHASH '"376.40" ICD9-HASH-TABLE)
      "Deformity of orbit, unspecified")
(SETF (GETHASH '"376.41" ICD9-HASH-TABLE) "Hypertelorism of orbit")
(SETF (GETHASH '"376.42" ICD9-HASH-TABLE) "Exostosis of orbit")
(SETF (GETHASH '"376.43" ICD9-HASH-TABLE)
      "Local deformities due to bone disease")
(SETF (GETHASH '"376.44" ICD9-HASH-TABLE)
      "Orbital deformities associated with craniofacial deformities")
(SETF (GETHASH '"376.45" ICD9-HASH-TABLE) "Atrophy of orbit")
(SETF (GETHASH '"376.46" ICD9-HASH-TABLE) "Enlargement of orbit")
(SETF (GETHASH '"376.47" ICD9-HASH-TABLE)
      "Deformity due to trauma or surgery")
(SETF (GETHASH '"376.5" ICD9-HASH-TABLE) "Enophthalmos")
(SETF (GETHASH '"376.50" ICD9-HASH-TABLE)
      "Enophthalmos, unspecified as to cause")
(SETF (GETHASH '"376.51" ICD9-HASH-TABLE)
      "Enophthalmos due to atrophy of orbital tissue")
(SETF (GETHASH '"376.52" ICD9-HASH-TABLE)
      "Enophthalmos due to trauma or surgery")
(SETF (GETHASH '"376.6" ICD9-HASH-TABLE)
      "Retained (old) foreign body following penetrating wound of orbit")
(SETF (GETHASH '"376.8" ICD9-HASH-TABLE) "Other orbital disorders")
(SETF (GETHASH '"376.81" ICD9-HASH-TABLE) "Orbital cysts")
(SETF (GETHASH '"376.82" ICD9-HASH-TABLE)
      "Myopathy of extraocular muscles")
(SETF (GETHASH '"376.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"376.9" ICD9-HASH-TABLE) "Unspecified disorder of orbit")
(SETF (GETHASH '"377" ICD9-HASH-TABLE)
      "Disorders of optic nerve and visual pathways")
(SETF (GETHASH '"377.0" ICD9-HASH-TABLE) "Papilledema")
(SETF (GETHASH '"377.00" ICD9-HASH-TABLE) "Papilledema, unspecified")
(SETF (GETHASH '"377.01" ICD9-HASH-TABLE)
      "Papilledema associated with increased intracranial pressure")
(SETF (GETHASH '"377.02" ICD9-HASH-TABLE)
      "Papilledema associated with decreased ocular pressure")
(SETF (GETHASH '"377.03" ICD9-HASH-TABLE)
      "Papilledema associated with retinal disorder")
(SETF (GETHASH '"377.04" ICD9-HASH-TABLE) "Foster-Kennedy syndrome")
(SETF (GETHASH '"377.1" ICD9-HASH-TABLE) "Optic atrophy")
(SETF (GETHASH '"377.10" ICD9-HASH-TABLE) "Optic atrophy, unspecified")
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(SETF (GETHASH '"377.11" ICD9-HASH-TABLE) "Primary optic atrophy")
(SETF (GETHASH '"377.12" ICD9-HASH-TABLE)
      "Postinflammatory optic atrophy")
(SETF (GETHASH '"377.13" ICD9-HASH-TABLE)
      "Optic atrophy associated with retinal dystrophies")
(SETF (GETHASH '"377.14" ICD9-HASH-TABLE)
      "Glaucomatous atrophy [cupping] of optic disc")
(SETF (GETHASH '"377.15" ICD9-HASH-TABLE) "Partial optic atrophy")
(SETF (GETHASH '"377.16" ICD9-HASH-TABLE) "Hereditary optic atrophy")
(SETF (GETHASH '"377.2" ICD9-HASH-TABLE) "Other disorders of optic disc")
(SETF (GETHASH '"377.21" ICD9-HASH-TABLE) "Drusen of optic disc")
(SETF (GETHASH '"377.22" ICD9-HASH-TABLE)
      "Crater-like holes of optic disc")
(SETF (GETHASH '"377.23" ICD9-HASH-TABLE) "Coloboma of optic disc")
(SETF (GETHASH '"377.24" ICD9-HASH-TABLE) "Pseudopapilledema")
(SETF (GETHASH '"377.3" ICD9-HASH-TABLE) "Optic neuritis")
(SETF (GETHASH '"377.30" ICD9-HASH-TABLE) "Optic neuritis, unspecified")
(SETF (GETHASH '"377.31" ICD9-HASH-TABLE) "Optic papillitis")
(SETF (GETHASH '"377.32" ICD9-HASH-TABLE) "Retrobulbar neuritis (acute)")
(SETF (GETHASH '"377.33" ICD9-HASH-TABLE) "Nutritional optic neuropathy")
(SETF (GETHASH '"377.34" ICD9-HASH-TABLE) "Toxic optic neuropathy")
(SETF (GETHASH '"377.39" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"377.4" ICD9-HASH-TABLE)
      "Other disorders of optic nerve")
(SETF (GETHASH '"377.41" ICD9-HASH-TABLE) "Ischemic optic neuropathy")
(SETF (GETHASH '"377.42" ICD9-HASH-TABLE)
      "Hemorrhage in optic nerve sheaths")
(SETF (GETHASH '"377.49" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"377.5" ICD9-HASH-TABLE) "Disorders of optic chiasm")
(SETF (GETHASH '"377.51" ICD9-HASH-TABLE)
      "Associated with pituitary neoplasms and disorders")
(SETF (GETHASH '"377.52" ICD9-HASH-TABLE)
      "Associated with other neoplasms")
(SETF (GETHASH '"377.53" ICD9-HASH-TABLE)
      "Associated with vascular disorders")
(SETF (GETHASH '"377.54" ICD9-HASH-TABLE)
      "Associated with inflammatory disorders")
(SETF (GETHASH '"377.6" ICD9-HASH-TABLE)
      "Disorders of other visual pathways")
(SETF (GETHASH '"377.61" ICD9-HASH-TABLE) "Associated with neoplasms")
(SETF (GETHASH '"377.62" ICD9-HASH-TABLE)
      "Associated with vascular disorders")
(SETF (GETHASH '"377.63" ICD9-HASH-TABLE)
      "Associated with inflammatory disorders")
(SETF (GETHASH '"377.7" ICD9-HASH-TABLE) "Disorders of visual cortex")
(SETF (GETHASH '"377.71" ICD9-HASH-TABLE) "Associated with neoplasms")
(SETF (GETHASH '"377.72" ICD9-HASH-TABLE)
      "Associated with vascular disorders")
(SETF (GETHASH '"377.73" ICD9-HASH-TABLE)
      "Associated with inflammatory disorders")
(SETF (GETHASH '"377.75" ICD9-HASH-TABLE) "Cortical blindness")
(SETF (GETHASH '"377.9" ICD9-HASH-TABLE)
      "Unspecified disorder of optic nerve and visual pathways")
(SETF (GETHASH '"378" ICD9-HASH-TABLE)
      "Strabismus and other disorders of binocular eye movements")
(SETF (GETHASH '"378.0" ICD9-HASH-TABLE) "Esotropia")
(SETF (GETHASH '"378.00" ICD9-HASH-TABLE) "Esotropia, unspecified")
(SETF (GETHASH '"378.01" ICD9-HASH-TABLE) "Monocular esotropia")
(SETF (GETHASH '"378.02" ICD9-HASH-TABLE)
      "Monocular esotropia with A pattern")
(SETF (GETHASH '"378.03" ICD9-HASH-TABLE)
      "Monocular esotropia with V pattern")
(SETF (GETHASH '"378.04" ICD9-HASH-TABLE)
      "Monocular esotropia with other noncomitancies")
(SETF (GETHASH '"378.05" ICD9-HASH-TABLE) "Alternating esotropia")
(SETF (GETHASH '"378.06" ICD9-HASH-TABLE)
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      "Alternating esotropia with A pattern")
(SETF (GETHASH '"378.07" ICD9-HASH-TABLE)
      "Alternating esotropia with V pattern")
(SETF (GETHASH '"378.08" ICD9-HASH-TABLE)
      "Alternating esotropia with other noncomitancies")
(SETF (GETHASH '"378.1" ICD9-HASH-TABLE) "Exotropia")
(SETF (GETHASH '"378.10" ICD9-HASH-TABLE) "Exotropia, unspecified")
(SETF (GETHASH '"378.11" ICD9-HASH-TABLE) "Monocular exotropia")
(SETF (GETHASH '"378.12" ICD9-HASH-TABLE)
      "Monocular exotropia with A pattern")
(SETF (GETHASH '"378.13" ICD9-HASH-TABLE)
      "Monocular exotropia with V pattern")
(SETF (GETHASH '"378.14" ICD9-HASH-TABLE)
      "Monocular exotropia with other noncomitancies")
(SETF (GETHASH '"378.15" ICD9-HASH-TABLE) "Alternating exotropia")
(SETF (GETHASH '"378.16" ICD9-HASH-TABLE)
      "Alternating exotropia with A pattern")
(SETF (GETHASH '"378.17" ICD9-HASH-TABLE)
      "Alternating exotropia with V pattern")
(SETF (GETHASH '"378.18" ICD9-HASH-TABLE)
      "Alternating exotropia with other noncomitancies")
(SETF (GETHASH '"378.2" ICD9-HASH-TABLE) "Intermittent heterotropia")
(SETF (GETHASH '"378.20" ICD9-HASH-TABLE)
      "Intermittent heterotropia, unspecified")
(SETF (GETHASH '"378.21" ICD9-HASH-TABLE)
      "Intermittent esotropia, monocular")
(SETF (GETHASH '"378.22" ICD9-HASH-TABLE)
      "Intermittent esotropia, alternating")
(SETF (GETHASH '"378.23" ICD9-HASH-TABLE)
      "Intermittent exotropia, monocular")
(SETF (GETHASH '"378.24" ICD9-HASH-TABLE)
      "Intermittent exotropia, alternating")
(SETF (GETHASH '"378.3" ICD9-HASH-TABLE)
      "Other and unspecified heterotropia")
(SETF (GETHASH '"378.30" ICD9-HASH-TABLE) "Heterotropia, unspecified")
(SETF (GETHASH '"378.31" ICD9-HASH-TABLE) "Hypertropia")
(SETF (GETHASH '"378.32" ICD9-HASH-TABLE) "Hypotropia")
(SETF (GETHASH '"378.33" ICD9-HASH-TABLE) "Cyclotropia")
(SETF (GETHASH '"378.34" ICD9-HASH-TABLE) "Monofixation syndrome")
(SETF (GETHASH '"378.35" ICD9-HASH-TABLE)
      "Accommodative component in esotropia")
(SETF (GETHASH '"378.4" ICD9-HASH-TABLE) "Heterophoria")
(SETF (GETHASH '"378.40" ICD9-HASH-TABLE) "Heterophoria, unspecified")
(SETF (GETHASH '"378.41" ICD9-HASH-TABLE) "Esophoria")
(SETF (GETHASH '"378.42" ICD9-HASH-TABLE) "Exophoria")
(SETF (GETHASH '"378.43" ICD9-HASH-TABLE) "Vertical heterophoria")
(SETF (GETHASH '"378.44" ICD9-HASH-TABLE) "Cyclophoria")
(SETF (GETHASH '"378.45" ICD9-HASH-TABLE) "Alternating hyperphoria")
(SETF (GETHASH '"378.5" ICD9-HASH-TABLE) "Paralytic strabismus")
(SETF (GETHASH '"378.50" ICD9-HASH-TABLE)
      "Paralytic strabismus, unspecified")
(SETF (GETHASH '"378.51" ICD9-HASH-TABLE)
      "Third or oculomotor nerve palsy, partial")
(SETF (GETHASH '"378.52" ICD9-HASH-TABLE)
      "Third or oculomotor nerve palsy, total")
(SETF (GETHASH '"378.53" ICD9-HASH-TABLE)
      "Fourth or trochlear nerve palsy")
(SETF (GETHASH '"378.54" ICD9-HASH-TABLE)
      "Sixth or abducens nerve palsy")
(SETF (GETHASH '"378.55" ICD9-HASH-TABLE) "External ophthalmoplegia")
(SETF (GETHASH '"378.56" ICD9-HASH-TABLE) "Total ophthalmoplegia")
(SETF (GETHASH '"378.6" ICD9-HASH-TABLE) "Mechanical strabismus")
(SETF (GETHASH '"378.60" ICD9-HASH-TABLE)
      "Mechanical strabismus, unspecified")
(SETF (GETHASH '"378.61" ICD9-HASH-TABLE)
      "Brown's (tendon) sheath syndrome")
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(SETF (GETHASH '"378.62" ICD9-HASH-TABLE)
      "Mechanical strabismus from other musculofascial disorders")
(SETF (GETHASH '"378.63" ICD9-HASH-TABLE)
      "Limited duction associated with other conditions")
(SETF (GETHASH '"378.7" ICD9-HASH-TABLE) "Other specified strabismus")
(SETF (GETHASH '"378.71" ICD9-HASH-TABLE) "Duane's syndrome")
(SETF (GETHASH '"378.72" ICD9-HASH-TABLE)
      "Progressive external ophthalmoplegia")
(SETF (GETHASH '"378.73" ICD9-HASH-TABLE)
      "Strabismus in other neuromuscular disorders")
(SETF (GETHASH '"378.8" ICD9-HASH-TABLE)
      "Other disorders of binocular eye movements")
(SETF (GETHASH '"378.81" ICD9-HASH-TABLE) "Palsy of conjugate gaze")
(SETF (GETHASH '"378.82" ICD9-HASH-TABLE) "Spasm of conjugate gaze")
(SETF (GETHASH '"378.83" ICD9-HASH-TABLE)
      "Convergence insufficiency or palsy")
(SETF (GETHASH '"378.84" ICD9-HASH-TABLE) "Convergence excess or spasm")
(SETF (GETHASH '"378.85" ICD9-HASH-TABLE) "Anomalies of divergence")
(SETF (GETHASH '"378.86" ICD9-HASH-TABLE) "Internuclear ophthalmoplegia")
(SETF (GETHASH '"378.87" ICD9-HASH-TABLE)
      "Other dissociated deviation of eye movements")
(SETF (GETHASH '"378.9" ICD9-HASH-TABLE)
      "Unspecified disorder of eye movements")
(SETF (GETHASH '"379" ICD9-HASH-TABLE) "Other disorders of eye")
(SETF (GETHASH '"379.0" ICD9-HASH-TABLE) "Scleritis and episcleritis")
(SETF (GETHASH '"379.00" ICD9-HASH-TABLE) "Scleritis, unspecified")
(SETF (GETHASH '"379.01" ICD9-HASH-TABLE) "Episcleritis periodica fugax")
(SETF (GETHASH '"379.02" ICD9-HASH-TABLE) "Nodular episcleritis")
(SETF (GETHASH '"379.03" ICD9-HASH-TABLE) "Anterior scleritis")
(SETF (GETHASH '"379.04" ICD9-HASH-TABLE) "Scleromalacia perforans")
(SETF (GETHASH '"379.05" ICD9-HASH-TABLE)
      "Scleritis with corneal involvement")
(SETF (GETHASH '"379.06" ICD9-HASH-TABLE) "Brawny scleritis")
(SETF (GETHASH '"379.07" ICD9-HASH-TABLE) "Posterior scleritis")
(SETF (GETHASH '"379.09" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"379.1" ICD9-HASH-TABLE) "Other disorders of sclera")
(SETF (GETHASH '"379.11" ICD9-HASH-TABLE) "Scleral ectasia")
(SETF (GETHASH '"379.12" ICD9-HASH-TABLE) "Staphyloma posticum")
(SETF (GETHASH '"379.13" ICD9-HASH-TABLE) "Equatorial staphyloma")
(SETF (GETHASH '"379.14" ICD9-HASH-TABLE)
      "Anterior staphyloma, localized")
(SETF (GETHASH '"379.15" ICD9-HASH-TABLE) "Ring staphyloma")
(SETF (GETHASH '"379.16" ICD9-HASH-TABLE)
      "Other degenerative disorders of sclera")
(SETF (GETHASH '"379.19" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"379.2" ICD9-HASH-TABLE) "Disorders of vitreous body")
(SETF (GETHASH '"379.21" ICD9-HASH-TABLE) "Vitreous degeneration")
(SETF (GETHASH '"379.22" ICD9-HASH-TABLE)
      "Crystalline deposits in vitreous")
(SETF (GETHASH '"379.23" ICD9-HASH-TABLE) "Vitreous hemorrhage")
(SETF (GETHASH '"379.24" ICD9-HASH-TABLE) "Other vitreous opacities")
(SETF (GETHASH '"379.25" ICD9-HASH-TABLE)
      "Vitreous membranes and strands")
(SETF (GETHASH '"379.26" ICD9-HASH-TABLE) "Vitreous prolapse")
(SETF (GETHASH '"379.29" ICD9-HASH-TABLE) "Other disorders of vitreous")
(SETF (GETHASH '"379.3" ICD9-HASH-TABLE)
      "Aphakia and other disorders of lens")
(SETF (GETHASH '"379.31" ICD9-HASH-TABLE) "Aphakia")
(SETF (GETHASH '"379.32" ICD9-HASH-TABLE) "Subluxation of lens")
(SETF (GETHASH '"379.33" ICD9-HASH-TABLE) "Anterior dislocation of lens")
(SETF (GETHASH '"379.34" ICD9-HASH-TABLE)
      "Posterior dislocation of lens")
(SETF (GETHASH '"379.39" ICD9-HASH-TABLE) "Other disorders of lens")
(SETF (GETHASH '"379.4" ICD9-HASH-TABLE)
      "Anomalies of pupillary function")
(SETF (GETHASH '"379.40" ICD9-HASH-TABLE)
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      "Abnormal pupillary function, unspecified")
(SETF (GETHASH '"379.41" ICD9-HASH-TABLE) "Anisocoria")
(SETF (GETHASH '"379.42" ICD9-HASH-TABLE)
      "Miosis (persistent), not due to miotics")
(SETF (GETHASH '"379.43" ICD9-HASH-TABLE)
      "Mydriasis (persistent), not due to mydriatics")
(SETF (GETHASH '"379.45" ICD9-HASH-TABLE)
      "Argyll Robertson pupil, atypical")
(SETF (GETHASH '"379.46" ICD9-HASH-TABLE) "Tonic pupillary reaction")
(SETF (GETHASH '"379.49" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"379.5" ICD9-HASH-TABLE)
      "Nystagmus and other irregular eye movements")
(SETF (GETHASH '"379.50" ICD9-HASH-TABLE) "Nystagmus, unspecified")
(SETF (GETHASH '"379.51" ICD9-HASH-TABLE) "Congenital nystagmus")
(SETF (GETHASH '"379.52" ICD9-HASH-TABLE) "Latent nystagmus")
(SETF (GETHASH '"379.53" ICD9-HASH-TABLE) "Visual deprivation nystagmus")
(SETF (GETHASH '"379.54" ICD9-HASH-TABLE)
      "Nystagmus associated with disorders of the vestibular system")
(SETF (GETHASH '"379.55" ICD9-HASH-TABLE) "Dissociated nystagmus")
(SETF (GETHASH '"379.56" ICD9-HASH-TABLE) "Other forms of nystagmus")
(SETF (GETHASH '"379.57" ICD9-HASH-TABLE)
      "Deficiencies of saccadic eye movements")
(SETF (GETHASH '"379.58" ICD9-HASH-TABLE)
      "Deficiencies of smooth pursuit movements")
(SETF (GETHASH '"379.59" ICD9-HASH-TABLE)
      "Other irregularities of eye movements")
(SETF (GETHASH '"379.8" ICD9-HASH-TABLE)
      "Other specified disorders of eye and adnexa")
(SETF (GETHASH '"379.9" ICD9-HASH-TABLE)
      "Unspecified disorder of eye and adnexa")
(SETF (GETHASH '"379.90" ICD9-HASH-TABLE) "Disorder of eye, unspecified")
(SETF (GETHASH '"379.91" ICD9-HASH-TABLE) "Pain in or around eye")
(SETF (GETHASH '"379.92" ICD9-HASH-TABLE) "Swelling or mass of eye")
(SETF (GETHASH '"379.93" ICD9-HASH-TABLE) "Redness or discharge of eye")
(SETF (GETHASH '"379.99" ICD9-HASH-TABLE)
      "Other ill-defined disorders of eye")
(SETF (GETHASH '"380" ICD9-HASH-TABLE) "Disorders of external ear")
(SETF (GETHASH '"380.0" ICD9-HASH-TABLE) "Perichondritis of pinna")
(SETF (GETHASH '"380.00" ICD9-HASH-TABLE)
      "Perichondritis of pinna, unspecified")
(SETF (GETHASH '"380.01" ICD9-HASH-TABLE)
      "Acute perichondritis of pinna")
(SETF (GETHASH '"380.02" ICD9-HASH-TABLE)
      "Chronic perichondritis of pinna")
(SETF (GETHASH '"380.1" ICD9-HASH-TABLE) "Infective otitis externa")
(SETF (GETHASH '"380.10" ICD9-HASH-TABLE)
      "Infective otitis externa, unspecified")
(SETF (GETHASH '"380.11" ICD9-HASH-TABLE) "Acute infection of pinna")
(SETF (GETHASH '"380.12" ICD9-HASH-TABLE) "Acute swimmers' ear")
(SETF (GETHASH '"380.13" ICD9-HASH-TABLE)
      "Other acute infections of external ear")
(SETF (GETHASH '"380.14" ICD9-HASH-TABLE) "Malignant otitis externa")
(SETF (GETHASH '"380.15" ICD9-HASH-TABLE)
      "Chronic mycotic otitis externa")
(SETF (GETHASH '"380.16" ICD9-HASH-TABLE)
      "Other chronic infective otitis externa")
(SETF (GETHASH '"380.2" ICD9-HASH-TABLE) "Other otitis externa")
(SETF (GETHASH '"380.21" ICD9-HASH-TABLE)
      "Cholesteatoma of external ear")
(SETF (GETHASH '"380.22" ICD9-HASH-TABLE) "Other acute otitis externa")
(SETF (GETHASH '"380.23" ICD9-HASH-TABLE) "Other chronic otitis externa")
(SETF (GETHASH '"380.3" ICD9-HASH-TABLE)
      "Noninfectious disorders of pinna")
(SETF (GETHASH '"380.30" ICD9-HASH-TABLE)
      "Disorder of pinna, unspecified")
(SETF (GETHASH '"380.31" ICD9-HASH-TABLE) "Hematoma of auricle or pinna")
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(SETF (GETHASH '"380.32" ICD9-HASH-TABLE)
      "Acquired deformities of auricle or pinna")
(SETF (GETHASH '"380.39" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"380.4" ICD9-HASH-TABLE) "Impacted cerumen")
(SETF (GETHASH '"380.5" ICD9-HASH-TABLE)
      "Acquired stenosis of external ear canal")
(SETF (GETHASH '"380.50" ICD9-HASH-TABLE)
      "Acquired stenosis of external ear canal, unspecified as to cause")
(SETF (GETHASH '"380.51" ICD9-HASH-TABLE) "Secondary to trauma")
(SETF (GETHASH '"380.52" ICD9-HASH-TABLE) "Secondary to surgery")
(SETF (GETHASH '"380.53" ICD9-HASH-TABLE) "Secondary to inflammation")
(SETF (GETHASH '"380.8" ICD9-HASH-TABLE)
      "Other disorders of external ear")
(SETF (GETHASH '"380.81" ICD9-HASH-TABLE)
      "Exostosis of external ear canal")
(SETF (GETHASH '"380.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"380.9" ICD9-HASH-TABLE)
      "Unspecified disorder of external ear")
(SETF (GETHASH '"381" ICD9-HASH-TABLE)
      "Nonsuppurative otitis media and Eustachian tube disorders")
(SETF (GETHASH '"381.0" ICD9-HASH-TABLE)
      "Acute nonsuppurative otitis media")
(SETF (GETHASH '"381.00" ICD9-HASH-TABLE)
      "Acute nonsuppurative otitis media, unspecified")
(SETF (GETHASH '"381.01" ICD9-HASH-TABLE) "Acute serous otitis media")
(SETF (GETHASH '"381.02" ICD9-HASH-TABLE) "Acute mucoid otitis media")
(SETF (GETHASH '"381.03" ICD9-HASH-TABLE)
      "Acute sanguinous otitis media")
(SETF (GETHASH '"381.04" ICD9-HASH-TABLE)
      "Acute allergic serous otitis media")
(SETF (GETHASH '"381.05" ICD9-HASH-TABLE)
      "Acute allergic mucoid otitis media")
(SETF (GETHASH '"381.06" ICD9-HASH-TABLE)
      "Acute allergic sanguinous otitis media")
(SETF (GETHASH '"381.1" ICD9-HASH-TABLE) "Chronic serous otitis media")
(SETF (GETHASH '"381.10" ICD9-HASH-TABLE)
      "Chronic serous otitis media, simple or unspecified")
(SETF (GETHASH '"381.19" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"381.2" ICD9-HASH-TABLE) "Chronic mucoid otitis media")
(SETF (GETHASH '"381.20" ICD9-HASH-TABLE)
      "Chronic mucoid otitis media, simple or unspecified")
(SETF (GETHASH '"381.29" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"381.3" ICD9-HASH-TABLE)
      "Other and unspecified chronic nonsuppurative otitis media")
(SETF (GETHASH '"381.4" ICD9-HASH-TABLE)
      "Nonsuppurative otitis media, not specified as acute or chronic")
(SETF (GETHASH '"381.5" ICD9-HASH-TABLE) "Eustachian salpingitis")
(SETF (GETHASH '"381.50" ICD9-HASH-TABLE)
      "Eustachian salpingitis, unspecified")
(SETF (GETHASH '"381.51" ICD9-HASH-TABLE) "Acute Eustachian salpingitis")
(SETF (GETHASH '"381.52" ICD9-HASH-TABLE)
      "Chronic Eustachian salpingitis")
(SETF (GETHASH '"381.6" ICD9-HASH-TABLE)
      "Obstruction of Eustachian tube")
(SETF (GETHASH '"381.60" ICD9-HASH-TABLE)
      "Obstruction of Eustachian tube, unspecified")
(SETF (GETHASH '"381.61" ICD9-HASH-TABLE)
      "Osseous obstruction of Eustachian tube")
(SETF (GETHASH '"381.62" ICD9-HASH-TABLE)
      "Intrinsic cartilagenous obstruction of Eustachian tube")
(SETF (GETHASH '"381.63" ICD9-HASH-TABLE)
      "Extrinsic cartilagenous obstruction of Eustachian tube")
(SETF (GETHASH '"381.7" ICD9-HASH-TABLE) "Patulous Eustachian tube")
(SETF (GETHASH '"381.8" ICD9-HASH-TABLE)
      "Other disorders of Eustachian tube")
(SETF (GETHASH '"381.81" ICD9-HASH-TABLE)
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      "Dysfunction of Eustachian tube")
(SETF (GETHASH '"381.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"381.9" ICD9-HASH-TABLE)
      "Unspecified Eustachian tube disorder")
(SETF (GETHASH '"382" ICD9-HASH-TABLE)
      "Suppurative and unspecified otitis media")
(SETF (GETHASH '"382.0" ICD9-HASH-TABLE)
      "Acute suppurative otitis media")
(SETF (GETHASH '"382.00" ICD9-HASH-TABLE)
      "Acute suppurative otitis media without spontaneous rupture of ear drum")
(SETF (GETHASH '"382.01" ICD9-HASH-TABLE)
      "Acute suppurative otitis media with spontaneous rupture of ear drum")
(SETF (GETHASH '"382.02" ICD9-HASH-TABLE)
      "Acute suppurative otitis media in diseases classified elsewhere")
(SETF (GETHASH '"382.1" ICD9-HASH-TABLE)
      "Chronic tubotympanic suppurative otitis media")
(SETF (GETHASH '"382.2" ICD9-HASH-TABLE)
      "Chronic atticoantral suppurative otitis media")
(SETF (GETHASH '"382.3" ICD9-HASH-TABLE)
      "Unspecified chronic suppurative otitis media")
(SETF (GETHASH '"382.4" ICD9-HASH-TABLE)
      "Unspecified suppurative otitis media")
(SETF (GETHASH '"382.9" ICD9-HASH-TABLE) "Unspecified otitis media")
(SETF (GETHASH '"383" ICD9-HASH-TABLE)
      "Mastoiditis and related conditions")
(SETF (GETHASH '"383.0" ICD9-HASH-TABLE) "Acute mastoiditis")
(SETF (GETHASH '"383.00" ICD9-HASH-TABLE)
      "Acute mastoiditis without complications")
(SETF (GETHASH '"383.01" ICD9-HASH-TABLE)
      "Subperiosteal abscess of mastoid")
(SETF (GETHASH '"383.02" ICD9-HASH-TABLE)
      "Acute mastoiditis with other complications")
(SETF (GETHASH '"383.1" ICD9-HASH-TABLE) "Chronic mastoiditis")
(SETF (GETHASH '"383.2" ICD9-HASH-TABLE) "Petrositis")
(SETF (GETHASH '"383.20" ICD9-HASH-TABLE) "Petrositis, unspecified")
(SETF (GETHASH '"383.21" ICD9-HASH-TABLE) "Acute petrositis")
(SETF (GETHASH '"383.22" ICD9-HASH-TABLE) "Chronic petrositis")
(SETF (GETHASH '"383.3" ICD9-HASH-TABLE)
      "Complications following mastoidectomy")
(SETF (GETHASH '"383.30" ICD9-HASH-TABLE)
      "Postmastoidectomy complication, unspecified")
(SETF (GETHASH '"383.31" ICD9-HASH-TABLE)
      "Mucosal cyst of postmastoidectomy cavity")
(SETF (GETHASH '"383.32" ICD9-HASH-TABLE)
      "Recurrent cholesteatoma of postmastoidectomy cavity")
(SETF (GETHASH '"383.33" ICD9-HASH-TABLE)
      "Granulations of postmastoidectomy cavity")
(SETF (GETHASH '"383.8" ICD9-HASH-TABLE) "Other disorders of mastoid")
(SETF (GETHASH '"383.81" ICD9-HASH-TABLE) "Postauricular fistula")
(SETF (GETHASH '"383.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"383.9" ICD9-HASH-TABLE) "Unspecified mastoiditis")
(SETF (GETHASH '"384" ICD9-HASH-TABLE)
      "Other disorders of tympanic membrane")
(SETF (GETHASH '"384.0" ICD9-HASH-TABLE)
      "Acute myringitis without mention of otitis media")
(SETF (GETHASH '"384.00" ICD9-HASH-TABLE)
      "Acute myringitis, unspecified")
(SETF (GETHASH '"384.01" ICD9-HASH-TABLE) "Bullous myringitis")
(SETF (GETHASH '"384.09" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"384.1" ICD9-HASH-TABLE)
      "Chronic myringitis without mention of otitis media")
(SETF (GETHASH '"384.2" ICD9-HASH-TABLE)
      "Perforation of tympanic membrane")
(SETF (GETHASH '"384.20" ICD9-HASH-TABLE)
      "Perforation of tympanic membrane, unspecified")
(SETF (GETHASH '"384.21" ICD9-HASH-TABLE)
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      "Central perforation of tympanic membrane")
(SETF (GETHASH '"384.22" ICD9-HASH-TABLE)
      "Attic perforation of tympanic membrane")
(SETF (GETHASH '"384.23" ICD9-HASH-TABLE)
      "Other marginal perforation of tympanic membrane")
(SETF (GETHASH '"384.24" ICD9-HASH-TABLE)
      "Multiple perforations of tympanic membrane")
(SETF (GETHASH '"384.25" ICD9-HASH-TABLE)
      "Total perforation of tympanic membrane")
(SETF (GETHASH '"384.8" ICD9-HASH-TABLE)
      "Other specified disorders of tympanic membrane")
(SETF (GETHASH '"384.81" ICD9-HASH-TABLE)
      "Atrophic flaccid tympanic membrane")
(SETF (GETHASH '"384.82" ICD9-HASH-TABLE)
      "Atrophic nonflaccid tympanic membrane")
(SETF (GETHASH '"384.9" ICD9-HASH-TABLE)
      "Unspecified disorder of tympanic membrane")
(SETF (GETHASH '"385" ICD9-HASH-TABLE)
      "Other disorders of middle ear and mastoid")
(SETF (GETHASH '"385.0" ICD9-HASH-TABLE) "Tympanosclerosis")
(SETF (GETHASH '"385.00" ICD9-HASH-TABLE)
      "Tympanosclerosis, unspecified as to involvement")
(SETF (GETHASH '"385.01" ICD9-HASH-TABLE)
      "Tympanosclerosis involving tympanic membrane only")
(SETF (GETHASH '"385.02" ICD9-HASH-TABLE)
      "Tympanosclerosis involving tympanic membrane and ear ossicles")
(SETF (GETHASH '"385.03" ICD9-HASH-TABLE)
      "Tympanosclerosis involving tympanic membrane, ear ossicles, and middle ear")
(SETF (GETHASH '"385.09" ICD9-HASH-TABLE)
      "Tympanosclerosis involving other combination of structures")
(SETF (GETHASH '"385.1" ICD9-HASH-TABLE) "Adhesive middle ear disease")
(SETF (GETHASH '"385.10" ICD9-HASH-TABLE)
      "Adhesive middle ear disease, unspecified as to involvement")
(SETF (GETHASH '"385.11" ICD9-HASH-TABLE)
      "Adhesions of drum head to incus")
(SETF (GETHASH '"385.12" ICD9-HASH-TABLE)
      "Adhesions of drum head to stapes")
(SETF (GETHASH '"385.13" ICD9-HASH-TABLE)
      "Adhesions of drum head to promontorium")
(SETF (GETHASH '"385.19" ICD9-HASH-TABLE)
      "Other adhesions and combinations")
(SETF (GETHASH '"385.2" ICD9-HASH-TABLE)
      "Other acquired abnormality of ear ossicles")
(SETF (GETHASH '"385.21" ICD9-HASH-TABLE) "Impaired mobility of malleus")
(SETF (GETHASH '"385.22" ICD9-HASH-TABLE)
      "Impaired mobility of other ear ossicles")
(SETF (GETHASH '"385.23" ICD9-HASH-TABLE)
      "Discontinuity or dislocation of ear ossicles")
(SETF (GETHASH '"385.24" ICD9-HASH-TABLE)
      "Partial loss or necrosis of ear ossicles")
(SETF (GETHASH '"385.3" ICD9-HASH-TABLE)
      "Cholesteatoma of middle ear and mastoid")
(SETF (GETHASH '"385.30" ICD9-HASH-TABLE) "Cholesteatoma, unspecified")
(SETF (GETHASH '"385.31" ICD9-HASH-TABLE) "Cholesteatoma of attic")
(SETF (GETHASH '"385.32" ICD9-HASH-TABLE) "Cholesteatoma of middle ear")
(SETF (GETHASH '"385.33" ICD9-HASH-TABLE)
      "Cholesteatoma of middle ear and mastoid")
(SETF (GETHASH '"385.35" ICD9-HASH-TABLE) "Diffuse cholesteatosis")
(SETF (GETHASH '"385.8" ICD9-HASH-TABLE)
      "Other disorders of middle ear and mastoid")
(SETF (GETHASH '"385.82" ICD9-HASH-TABLE) "Cholesterin granuloma")
(SETF (GETHASH '"385.83" ICD9-HASH-TABLE)
      "Retained foreign body of middle ear")
(SETF (GETHASH '"385.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"385.9" ICD9-HASH-TABLE)
      "Unspecified disorder of middle ear and mastoid")
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(SETF (GETHASH '"386" ICD9-HASH-TABLE)
      "Vertiginous syndromes and other disorders of vestibular system")
(SETF (GETHASH '"386.0" ICD9-HASH-TABLE) "M,ni,re's disease")
(SETF (GETHASH '"386.00" ICD9-HASH-TABLE)
      "M,ni,re's disease, unspecified")
(SETF (GETHASH '"386.01" ICD9-HASH-TABLE)
      "Active M,ni,re's disease, cochleovestibular")
(SETF (GETHASH '"386.02" ICD9-HASH-TABLE)
      "Active M,ni,re's disease, cochlear")
(SETF (GETHASH '"386.03" ICD9-HASH-TABLE)
      "Active M,ni,re's disease, vestibular")
(SETF (GETHASH '"386.04" ICD9-HASH-TABLE) "Inactive M,ni,re's disease")
(SETF (GETHASH '"386.1" ICD9-HASH-TABLE)
      "Other and unspecified peripheral vertigo")
(SETF (GETHASH '"386.10" ICD9-HASH-TABLE)
      "Peripheral vertigo, unspecified")
(SETF (GETHASH '"386.11" ICD9-HASH-TABLE)
      "Benign paroxysmal positional vertigo")
(SETF (GETHASH '"386.12" ICD9-HASH-TABLE) "Vestibular neuronitis")
(SETF (GETHASH '"386.19" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"386.2" ICD9-HASH-TABLE) "Vertigo of central origin")
(SETF (GETHASH '"386.3" ICD9-HASH-TABLE) "Labyrinthitis")
(SETF (GETHASH '"386.30" ICD9-HASH-TABLE) "Labyrinthitis, unspecified")
(SETF (GETHASH '"386.31" ICD9-HASH-TABLE) "Serous labyrinthitis")
(SETF (GETHASH '"386.32" ICD9-HASH-TABLE) "Circumscribed labyrinthitis")
(SETF (GETHASH '"386.33" ICD9-HASH-TABLE) "Suppurative labyrinthitis")
(SETF (GETHASH '"386.34" ICD9-HASH-TABLE) "Toxic labyrinthitis")
(SETF (GETHASH '"386.35" ICD9-HASH-TABLE) "Viral labyrinthitis")
(SETF (GETHASH '"386.4" ICD9-HASH-TABLE) "Labyrinthine fistula")
(SETF (GETHASH '"386.40" ICD9-HASH-TABLE)
      "Labyrinthine fistula, unspecified")
(SETF (GETHASH '"386.41" ICD9-HASH-TABLE) "Round window fistula")
(SETF (GETHASH '"386.42" ICD9-HASH-TABLE) "Oval window fistula")
(SETF (GETHASH '"386.43" ICD9-HASH-TABLE) "Semicircular canal fistula")
(SETF (GETHASH '"386.5" ICD9-HASH-TABLE) "Labyrinthine dysfunction")
(SETF (GETHASH '"386.50" ICD9-HASH-TABLE)
      "Labyrinthine dysfunction, unspecified")
(SETF (GETHASH '"386.51" ICD9-HASH-TABLE)
      "Hyperactive labyrinth, unilateral")
(SETF (GETHASH '"386.52" ICD9-HASH-TABLE)
      "Hyperactive labyrinth, bilateral")
(SETF (GETHASH '"386.53" ICD9-HASH-TABLE)
      "Hypoactive labyrinth, unilateral")
(SETF (GETHASH '"386.54" ICD9-HASH-TABLE)
      "Hypoactive labyrinth, bilateral")
(SETF (GETHASH '"386.55" ICD9-HASH-TABLE)
      "Loss of labyrinthine reactivity, unilateral")
(SETF (GETHASH '"386.56" ICD9-HASH-TABLE)
      "Loss of labyrinthine reactivity, bilateral")
(SETF (GETHASH '"386.58" ICD9-HASH-TABLE) "Other forms and combinations")
(SETF (GETHASH '"386.8" ICD9-HASH-TABLE) "Other disorders of labyrinth")
(SETF (GETHASH '"386.9" ICD9-HASH-TABLE)
      "Unspecified vertiginous syndromes and labyrinthine disorders")
(SETF (GETHASH '"387" ICD9-HASH-TABLE) "Otosclerosis")
(SETF (GETHASH '"387.0" ICD9-HASH-TABLE)
      "Otosclerosis involving oval window, nonobliterative")
(SETF (GETHASH '"387.1" ICD9-HASH-TABLE)
      "Otosclerosis involving oval window, obliterative")
(SETF (GETHASH '"387.2" ICD9-HASH-TABLE) "Cochlear otosclerosis")
(SETF (GETHASH '"387.8" ICD9-HASH-TABLE) "Other otosclerosis")
(SETF (GETHASH '"387.9" ICD9-HASH-TABLE) "Otosclerosis, unspecified")
(SETF (GETHASH '"388" ICD9-HASH-TABLE) "Other disorders of ear")
(SETF (GETHASH '"388.0" ICD9-HASH-TABLE)
      "Degenerative and vascular disorders of ear")
(SETF (GETHASH '"388.00" ICD9-HASH-TABLE)
      "Degenerative and vascular disorders, unspecified")
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(SETF (GETHASH '"388.01" ICD9-HASH-TABLE) "Presbyacusis")
(SETF (GETHASH '"388.02" ICD9-HASH-TABLE) "Transient ischemic deafness")
(SETF (GETHASH '"388.1" ICD9-HASH-TABLE) "Noise effects on inner ear")
(SETF (GETHASH '"388.10" ICD9-HASH-TABLE)
      "Noise effects on inner ear, unspecified")
(SETF (GETHASH '"388.11" ICD9-HASH-TABLE)
      "Acoustic trauma (explosive) to ear")
(SETF (GETHASH '"388.12" ICD9-HASH-TABLE) "Noise-induced hearing loss")
(SETF (GETHASH '"388.2" ICD9-HASH-TABLE)
      "Sudden hearing loss, unspecified")
(SETF (GETHASH '"388.3" ICD9-HASH-TABLE) "Tinnitus")
(SETF (GETHASH '"388.30" ICD9-HASH-TABLE) "Tinnitus, unspecified")
(SETF (GETHASH '"388.31" ICD9-HASH-TABLE) "Subjective tinnitus")
(SETF (GETHASH '"388.32" ICD9-HASH-TABLE) "Objective tinnitus")
(SETF (GETHASH '"388.4" ICD9-HASH-TABLE)
      "Other abnormal auditory perception")
(SETF (GETHASH '"388.40" ICD9-HASH-TABLE)
      "Abnormal auditory perception, unspecified")
(SETF (GETHASH '"388.41" ICD9-HASH-TABLE) "Diplacusis")
(SETF (GETHASH '"388.42" ICD9-HASH-TABLE) "Hyperacusis")
(SETF (GETHASH '"388.43" ICD9-HASH-TABLE)
      "Impairment of auditory discrimination")
(SETF (GETHASH '"388.44" ICD9-HASH-TABLE) "Recruitment")
(SETF (GETHASH '"388.5" ICD9-HASH-TABLE) "Disorders of acoustic nerve")
(SETF (GETHASH '"388.6" ICD9-HASH-TABLE) "Otorrhea")
(SETF (GETHASH '"388.60" ICD9-HASH-TABLE) "Otorrhea, unspecified")
(SETF (GETHASH '"388.61" ICD9-HASH-TABLE) "Cerebrospinal fluid otorrhea")
(SETF (GETHASH '"388.69" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"388.7" ICD9-HASH-TABLE) "Otalgia")
(SETF (GETHASH '"388.70" ICD9-HASH-TABLE) "Otalgia, unspecified")
(SETF (GETHASH '"388.71" ICD9-HASH-TABLE) "Otogenic pain")
(SETF (GETHASH '"388.72" ICD9-HASH-TABLE) "Referred pain")
(SETF (GETHASH '"388.8" ICD9-HASH-TABLE) "Other disorders of ear")
(SETF (GETHASH '"388.9" ICD9-HASH-TABLE) "Unspecified disorder of ear")
(SETF (GETHASH '"389" ICD9-HASH-TABLE) "Hearing loss")
(SETF (GETHASH '"389.0" ICD9-HASH-TABLE) "Conductive hearing loss")
(SETF (GETHASH '"389.00" ICD9-HASH-TABLE)
      "Conductive hearing loss, unspecified")
(SETF (GETHASH '"389.01" ICD9-HASH-TABLE)
      "Conductive hearing loss, external ear")
(SETF (GETHASH '"389.02" ICD9-HASH-TABLE)
      "Conductive hearing loss, tympanic membrane")
(SETF (GETHASH '"389.03" ICD9-HASH-TABLE)
      "Conductive hearing loss, middle ear")
(SETF (GETHASH '"389.04" ICD9-HASH-TABLE)
      "Conductive hearing loss, inner ear")
(SETF (GETHASH '"389.08" ICD9-HASH-TABLE)
      "Conductive hearing loss of combined types")
(SETF (GETHASH '"389.1" ICD9-HASH-TABLE) "Sensorineural hearing loss")
(SETF (GETHASH '"389.10" ICD9-HASH-TABLE)
      "Sensorineural hearing loss, unspecified")
(SETF (GETHASH '"389.11" ICD9-HASH-TABLE) "Sensory hearing loss")
(SETF (GETHASH '"389.12" ICD9-HASH-TABLE) "Neural hearing loss")
(SETF (GETHASH '"389.14" ICD9-HASH-TABLE) "Central hearing loss")
(SETF (GETHASH '"389.18" ICD9-HASH-TABLE)
      "Sensorineural hearing loss of combined types")
(SETF (GETHASH '"389.2" ICD9-HASH-TABLE)
      "Mixed conductive and sensorineural hearing loss")
(SETF (GETHASH '"389.7" ICD9-HASH-TABLE)
      "Deaf mutism, not elsewhere classifiable")
(SETF (GETHASH '"389.8" ICD9-HASH-TABLE)
      "Other specified forms of hearing loss")
(SETF (GETHASH '"389.9" ICD9-HASH-TABLE) "Unspecified hearing loss")
(SETF (GETHASH '"390" ICD9-HASH-TABLE)
      "Rheumatic fever without mention of heart involvement")
(SETF (GETHASH '"391" ICD9-HASH-TABLE)
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      "Rheumatic fever with heart involvement")
(SETF (GETHASH '"391.0" ICD9-HASH-TABLE) "Acute rheumatic pericarditis")
(SETF (GETHASH '"391.1" ICD9-HASH-TABLE) "Acute rheumatic endocarditis")
(SETF (GETHASH '"391.2" ICD9-HASH-TABLE) "Acute rheumatic myocarditis")
(SETF (GETHASH '"391.8" ICD9-HASH-TABLE)
      "Other acute rheumatic heart disease")
(SETF (GETHASH '"391.9" ICD9-HASH-TABLE)
      "Acute rheumatic heart disease, unspecified")
(SETF (GETHASH '"392" ICD9-HASH-TABLE) "Rheumatic chorea")
(SETF (GETHASH '"392.0" ICD9-HASH-TABLE) "With heart involvement")
(SETF (GETHASH '"392.9" ICD9-HASH-TABLE)
      "Without mention of heart involvement")
(SETF (GETHASH '"393" ICD9-HASH-TABLE) "Chronic rheumatic pericarditis")
(SETF (GETHASH '"394" ICD9-HASH-TABLE) "Diseases of mitral valve")
(SETF (GETHASH '"394.0" ICD9-HASH-TABLE) "Mitral stenosis")
(SETF (GETHASH '"394.1" ICD9-HASH-TABLE)
      "Rheumatic mitral insufficiency")
(SETF (GETHASH '"394.2" ICD9-HASH-TABLE)
      "Mitral stenosis with insufficiency")
(SETF (GETHASH '"394.9" ICD9-HASH-TABLE)
      "Other and unspecified mitral valve diseases")
(SETF (GETHASH '"395" ICD9-HASH-TABLE) "Diseases of aortic valve")
(SETF (GETHASH '"395.0" ICD9-HASH-TABLE) "Rheumatic aortic stenosis")
(SETF (GETHASH '"395.1" ICD9-HASH-TABLE)
      "Rheumatic aortic insufficiency")
(SETF (GETHASH '"395.2" ICD9-HASH-TABLE)
      "Rheumatic aortic stenosis with insufficiency")
(SETF (GETHASH '"395.9" ICD9-HASH-TABLE)
      "Other and unspecified rheumatic aortic diseases")
(SETF (GETHASH '"396" ICD9-HASH-TABLE)
      "Diseases of mitral and aortic valves")
(SETF (GETHASH '"396.0" ICD9-HASH-TABLE)
      "Mitral valve stenosis and aortic valve stenosis")
(SETF (GETHASH '"396.1" ICD9-HASH-TABLE)
      "Mitral valve stenosis and aortic valve insufficiency")
(SETF (GETHASH '"396.2" ICD9-HASH-TABLE)
      "Mitral valve insufficiency and aortic valve stenosis")
(SETF (GETHASH '"396.3" ICD9-HASH-TABLE)
      "Mitral valve insufficiency and aortic valve insufficiency")
(SETF (GETHASH '"396.8" ICD9-HASH-TABLE)
      "Multiple involvement of mitral and aortic valves")
(SETF (GETHASH '"396.9" ICD9-HASH-TABLE)
      "Mitral and aortic valve diseases, unspecified")
(SETF (GETHASH '"397" ICD9-HASH-TABLE)
      "Diseases of other endocardial structures")
(SETF (GETHASH '"397.0" ICD9-HASH-TABLE) "Diseases of tricuspid valve")
(SETF (GETHASH '"397.1" ICD9-HASH-TABLE)
      "Rheumatic diseases of pulmonary valve")
(SETF (GETHASH '"397.9" ICD9-HASH-TABLE)
      "Rheumatic diseases of endocardium, valve unspecified")
(SETF (GETHASH '"398" ICD9-HASH-TABLE) "Other rheumatic heart disease")
(SETF (GETHASH '"398.0" ICD9-HASH-TABLE) "Rheumatic myocarditis")
(SETF (GETHASH '"398.9" ICD9-HASH-TABLE)
      "Other and unspecified rheumatic heart diseases")
(SETF (GETHASH '"398.90" ICD9-HASH-TABLE)
      "Rheumatic heart disease, unspecified")
(SETF (GETHASH '"398.91" ICD9-HASH-TABLE)
      "Rheumatic heart failure (congestive)")
(SETF (GETHASH '"398.99" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"401" ICD9-HASH-TABLE) "Essential hypertension")
(SETF (GETHASH '"401.0" ICD9-HASH-TABLE) "Malignant")
(SETF (GETHASH '"401.1" ICD9-HASH-TABLE) "Benign")
(SETF (GETHASH '"401.9" ICD9-HASH-TABLE) "Unspecified")
(SETF (GETHASH '"402" ICD9-HASH-TABLE) "Hypertensive heart disease")
(SETF (GETHASH '"402.0" ICD9-HASH-TABLE) "Malignant")
(SETF (GETHASH '"402.00" ICD9-HASH-TABLE)
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```
      "Without congestive heart failure")
(SETF (GETHASH '"402.01" ICD9-HASH-TABLE)
      "With congestive heart failure")
(SETF (GETHASH '"402.1" ICD9-HASH-TABLE) "Benign")
(SETF (GETHASH '"402.10" ICD9-HASH-TABLE)
      "Without congestive heart failure")
(SETF (GETHASH '"402.11" ICD9-HASH-TABLE)
      "With congestive heart failure")
(SETF (GETHASH '"402.9" ICD9-HASH-TABLE) "Unspecified")
(SETF (GETHASH '"402.90" ICD9-HASH-TABLE)
      "Without congestive heart failure")
(SETF (GETHASH '"402.91" ICD9-HASH-TABLE)
      "With congestive heart failure")
(SETF (GETHASH '"403" ICD9-HASH-TABLE) "Hypertensive renal disease")
(SETF (GETHASH '"403.0" ICD9-HASH-TABLE) "Malignant")
(SETF (GETHASH '"403.1" ICD9-HASH-TABLE) "Benign")
(SETF (GETHASH '"403.9" ICD9-HASH-TABLE) "Unspecified")
(SETF (GETHASH '"404" ICD9-HASH-TABLE)
      "Hypertensive heart and renal disease")
(SETF (GETHASH '"404.0" ICD9-HASH-TABLE) "Malignant")
(SETF (GETHASH '"404.1" ICD9-HASH-TABLE) "Benign")
(SETF (GETHASH '"404.9" ICD9-HASH-TABLE) "Unspecified")
(SETF (GETHASH '"405" ICD9-HASH-TABLE) "Secondary hypertension")
(SETF (GETHASH '"405.0" ICD9-HASH-TABLE) "Malignant")
(SETF (GETHASH '"405.01" ICD9-HASH-TABLE) "Renovascular")
(SETF (GETHASH '"405.09" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"405.1" ICD9-HASH-TABLE) "Benign")
(SETF (GETHASH '"405.11" ICD9-HASH-TABLE) "Renovascular")
(SETF (GETHASH '"405.19" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"405.9" ICD9-HASH-TABLE) "Unspecified")
(SETF (GETHASH '"405.91" ICD9-HASH-TABLE) "Renovascular")
(SETF (GETHASH '"405.99" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"410" ICD9-HASH-TABLE) "Acute myocardial infarction")
(SETF (GETHASH '"410.0" ICD9-HASH-TABLE) "Of anterolateral wall")
(SETF (GETHASH '"410.1" ICD9-HASH-TABLE) "Of other anterior wall")
(SETF (GETHASH '"410.2" ICD9-HASH-TABLE) "Of inferolateral wall")
(SETF (GETHASH '"410.3" ICD9-HASH-TABLE) "Of inferoposterior wall")
(SETF (GETHASH '"410.4" ICD9-HASH-TABLE) "Of other inferior wall")
(SETF (GETHASH '"410.5" ICD9-HASH-TABLE) "Of other lateral wall")
(SETF (GETHASH '"410.6" ICD9-HASH-TABLE)
      "True posterior wall infarction")
(SETF (GETHASH '"410.7" ICD9-HASH-TABLE) "Subendocardial infarction")
(SETF (GETHASH '"410.8" ICD9-HASH-TABLE) "Of other specified sites")
(SETF (GETHASH '"410.9" ICD9-HASH-TABLE) "Unspecified site")
(SETF (GETHASH '"411" ICD9-HASH-TABLE)
      "Other acute and subacute forms of ischemic heart disease")
(SETF (GETHASH '"411.0" ICD9-HASH-TABLE)
      "Postmyocardial infarction syndrome")
(SETF (GETHASH '"411.1" ICD9-HASH-TABLE)
      "Intermediate coronary syndrome")
(SETF (GETHASH '"411.8" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"411.81" ICD9-HASH-TABLE)
      "Coronary occlusion without myocardial infarction")
(SETF (GETHASH '"411.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"412" ICD9-HASH-TABLE) "Old myocardial infarction")
(SETF (GETHASH '"413" ICD9-HASH-TABLE) "Angina pectoris")
(SETF (GETHASH '"413.0" ICD9-HASH-TABLE) "Angina decubitus")
(SETF (GETHASH '"413.1" ICD9-HASH-TABLE) "Prinzmetal angina")
(SETF (GETHASH '"413.9" ICD9-HASH-TABLE)
      "Other and unspecified angina pectoris")
(SETF (GETHASH '"414" ICD9-HASH-TABLE)
      "Other forms of chronic ischemic heart disease")
(SETF (GETHASH '"414.0" ICD9-HASH-TABLE) "Coronary atherosclerosis")
(SETF (GETHASH '"414.00" ICD9-HASH-TABLE)
      "Of unspecified type of vessel, native or graft")
(SETF (GETHASH '"414.01" ICD9-HASH-TABLE) "Of native coronary artery")
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(SETF (GETHASH '"414.02" ICD9-HASH-TABLE)
      "Of autologous biological bypass graft")
(SETF (GETHASH '"414.03" ICD9-HASH-TABLE)
      "Of nonautologous biological bypass graft")
(SETF (GETHASH '"414.04" ICD9-HASH-TABLE) "Of artery bypass graft")
(SETF (GETHASH '"414.05" ICD9-HASH-TABLE)
      "Of unspecified type of bypass graft")
(SETF (GETHASH '"414.1" ICD9-HASH-TABLE) "Aneurysm of heart")
(SETF (GETHASH '"414.10" ICD9-HASH-TABLE) "Of heart (wall)")
(SETF (GETHASH '"414.11" ICD9-HASH-TABLE) "Of coronary vessels")
(SETF (GETHASH '"414.19" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"414.8" ICD9-HASH-TABLE)
      "Other specified forms of chronic ischemic heart disease")
(SETF (GETHASH '"414.9" ICD9-HASH-TABLE)
      "Chronic ischemic heart disease, unspecified")
(SETF (GETHASH '"415" ICD9-HASH-TABLE) "Acute pulmonary heart disease")
(SETF (GETHASH '"415.0" ICD9-HASH-TABLE) "Acute cor pulmonale")
(SETF (GETHASH '"415.1" ICD9-HASH-TABLE)
      "Pulmonary embolism and infarction")
(SETF (GETHASH '"415.11" ICD9-HASH-TABLE)
      "Iatrogenic pulmonary embolism and infarction")
(SETF (GETHASH '"415.19" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"416" ICD9-HASH-TABLE) "Chronic pulmonary heart disease")
(SETF (GETHASH '"416.0" ICD9-HASH-TABLE)
      "Primary pulmonary hypertension")
(SETF (GETHASH '"416.1" ICD9-HASH-TABLE) "Kyphoscoliotic heart disease")
(SETF (GETHASH '"416.8" ICD9-HASH-TABLE)
      "Other chronic pulmonary heart diseases")
(SETF (GETHASH '"416.9" ICD9-HASH-TABLE)
      "Chronic pulmonary heart disease, unspecified")
(SETF (GETHASH '"417" ICD9-HASH-TABLE)
      "Other diseases of pulmonary circulation")
(SETF (GETHASH '"417.0" ICD9-HASH-TABLE)
      "Arteriovenous fistula of pulmonary vessels")
(SETF (GETHASH '"417.1" ICD9-HASH-TABLE) "Aneurysm of pulmonary artery")
(SETF (GETHASH '"417.8" ICD9-HASH-TABLE)
      "Other specified diseases of pulmonary circulation")
(SETF (GETHASH '"417.9" ICD9-HASH-TABLE)
      "Unspecified disease of pulmonary circulation")
(SETF (GETHASH '"420" ICD9-HASH-TABLE) "Acute pericarditis")
(SETF (GETHASH '"420.0" ICD9-HASH-TABLE)
      "Acute pericarditis in diseases classified elsewhere")
(SETF (GETHASH '"420.90" ICD9-HASH-TABLE)
      "Acute pericarditis, unspecified")
(SETF (GETHASH '"420.91" ICD9-HASH-TABLE)
      "Acute idiopathic pericarditis")
(SETF (GETHASH '"420.99" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"421" ICD9-HASH-TABLE) "Acute and subacute endocarditis")
(SETF (GETHASH '"421.0" ICD9-HASH-TABLE)
      "Acute and subacute bacterial endocarditis")
(SETF (GETHASH '"421.1" ICD9-HASH-TABLE)
      "Acute and subacute infectiveendocarditis in diseases classified elsewhere")
(SETF (GETHASH '"421.9" ICD9-HASH-TABLE)
      "Acute endocarditis, unspecified")
(SETF (GETHASH '"422" ICD9-HASH-TABLE) "Acute myocarditis")
(SETF (GETHASH '"422.0" ICD9-HASH-TABLE)
      "Acute myocarditis in diseases classified elsewhere")
(SETF (GETHASH '"422.9" ICD9-HASH-TABLE)
      "Other and unspecified acute myocarditis")
(SETF (GETHASH '"422.90" ICD9-HASH-TABLE)
      "Acute myocarditis, unspecified")
(SETF (GETHASH '"422.91" ICD9-HASH-TABLE) "Idiopathic myocarditis")
(SETF (GETHASH '"422.92" ICD9-HASH-TABLE) "Septic myocarditis")
(SETF (GETHASH '"422.93" ICD9-HASH-TABLE) "Toxic myocarditis")
(SETF (GETHASH '"422.99" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"423" ICD9-HASH-TABLE) "Other diseases of pericardium")
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(SETF (GETHASH '"423.0" ICD9-HASH-TABLE) "Hemopericardium")
(SETF (GETHASH '"423.1" ICD9-HASH-TABLE) "Adhesive pericarditis")
(SETF (GETHASH '"423.2" ICD9-HASH-TABLE) "Constrictive pericarditis")
(SETF (GETHASH '"423.8" ICD9-HASH-TABLE)
      "Other specified diseases of pericardium")
(SETF (GETHASH '"423.9" ICD9-HASH-TABLE)
      "Unspecified disease of pericardium")
(SETF (GETHASH '"424" ICD9-HASH-TABLE) "Other diseases of endocardium")
(SETF (GETHASH '"424.0" ICD9-HASH-TABLE) "Mitral valve disorders")
(SETF (GETHASH '"424.1" ICD9-HASH-TABLE) "Aortic valve disorders")
(SETF (GETHASH '"424.2" ICD9-HASH-TABLE)
      "Tricuspid valve disorders, specified as nonrheumatic")
(SETF (GETHASH '"424.3" ICD9-HASH-TABLE) "Pulmonary valve disorders")
(SETF (GETHASH '"424.9" ICD9-HASH-TABLE)
      "Endocarditis, valve unspecified")
(SETF (GETHASH '"424.90" ICD9-HASH-TABLE)
      "Endocarditis, valve unspecified, unspecified cause")
(SETF (GETHASH '"424.91" ICD9-HASH-TABLE)
      "Endocarditis in diseases classified elsewhere")
(SETF (GETHASH '"424.99" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"425" ICD9-HASH-TABLE) "Cardiomyopathy")
(SETF (GETHASH '"425.0" ICD9-HASH-TABLE) "Endomyocardial fibrosis")
(SETF (GETHASH '"425.1" ICD9-HASH-TABLE)
      "Hypertrophic obstructive cardiomyopathy")
(SETF (GETHASH '"425.2" ICD9-HASH-TABLE)
      "Obscure cardiomyopathy of Africa")
(SETF (GETHASH '"425.3" ICD9-HASH-TABLE) "Endocardial fibroelastosis")
(SETF (GETHASH '"425.4" ICD9-HASH-TABLE)
      "Other primary cardiomyopathies")
(SETF (GETHASH '"425.5" ICD9-HASH-TABLE) "Alcoholic cardiomyopathy")
(SETF (GETHASH '"425.7" ICD9-HASH-TABLE)
      "Nutritional and metabolic cardiomyopathy")
(SETF (GETHASH '"425.8" ICD9-HASH-TABLE)
      "Cardiomyopathy in other diseases classified elsewhere")
(SETF (GETHASH '"425.9" ICD9-HASH-TABLE)
      "Secondary cardiomyopathy, unspecified")
(SETF (GETHASH '"426" ICD9-HASH-TABLE) "Conduction disorders")
(SETF (GETHASH '"426.0" ICD9-HASH-TABLE)
      "Atrioventricular block, complete")
(SETF (GETHASH '"426.1" ICD9-HASH-TABLE)
      "Atrioventricular block, other and unspecified")
(SETF (GETHASH '"426.10" ICD9-HASH-TABLE)
      "Atrioventricular block, unspecified")
(SETF (GETHASH '"426.11" ICD9-HASH-TABLE)
      "First degree atrioventricular block")
(SETF (GETHASH '"426.12" ICD9-HASH-TABLE)
      "Mobitz (type) II atrioventricular block")
(SETF (GETHASH '"426.13" ICD9-HASH-TABLE)
      "Other second degree atrioventricular block")
(SETF (GETHASH '"426.2" ICD9-HASH-TABLE) "Left bundle branch hemiblock")
(SETF (GETHASH '"426.3" ICD9-HASH-TABLE)
      "Other left bundle branch block")
(SETF (GETHASH '"426.4" ICD9-HASH-TABLE) "Right bundle branch block")
(SETF (GETHASH '"426.50" ICD9-HASH-TABLE)
      "Bundle branch block, unspecified")
(SETF (GETHASH '"426.51" ICD9-HASH-TABLE)
      "Right bundle branch block and left posterior fascicular block")
(SETF (GETHASH '"426.52" ICD9-HASH-TABLE)
      "Right bundle branch block and left anterior fascicular block")
(SETF (GETHASH '"426.53" ICD9-HASH-TABLE)
      "Other bilateral bundle branch block")
(SETF (GETHASH '"426.54" ICD9-HASH-TABLE) "Trifascicular block")
(SETF (GETHASH '"426.6" ICD9-HASH-TABLE) "Other heart block")
(SETF (GETHASH '"426.7" ICD9-HASH-TABLE)
      "Anomalous atrioventricular excitation")
(SETF (GETHASH '"426.8" ICD9-HASH-TABLE)
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      "Other specified conduction disorders")
(SETF (GETHASH '"426.81" ICD9-HASH-TABLE) "Lown-Ganong-Levine syndrome")
(SETF (GETHASH '"426.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"426.9" ICD9-HASH-TABLE)
      "Conduction disorder, unspecified")
(SETF (GETHASH '"427" ICD9-HASH-TABLE) "Cardiac dysrhythmias")
(SETF (GETHASH '"427.0" ICD9-HASH-TABLE)
      "Paroxysmal supraventricular tachycardia")
(SETF (GETHASH '"427.1" ICD9-HASH-TABLE)
      "Paroxysmal ventricular tachycardia")
(SETF (GETHASH '"427.2" ICD9-HASH-TABLE)
      "Paroxysmal tachycardia, unspecified")
(SETF (GETHASH '"427.3" ICD9-HASH-TABLE)
      "Atrial fibrillation and flutter")
(SETF (GETHASH '"427.31" ICD9-HASH-TABLE) "Atrial fibrillation")
(SETF (GETHASH '"427.32" ICD9-HASH-TABLE) "Atrial flutter")
(SETF (GETHASH '"427.4" ICD9-HASH-TABLE)
      "Ventricular fibrillation and flutter")
(SETF (GETHASH '"427.41" ICD9-HASH-TABLE) "Ventricular fibrillation")
(SETF (GETHASH '"427.42" ICD9-HASH-TABLE) "Ventricular flutter")
(SETF (GETHASH '"427.5" ICD9-HASH-TABLE) "Cardiac arrest")
(SETF (GETHASH '"427.6" ICD9-HASH-TABLE) "Premature beats")
(SETF (GETHASH '"427.60" ICD9-HASH-TABLE) "Premature beats, unspecified")
(SETF (GETHASH '"427.61" ICD9-HASH-TABLE)
      "Supraventricular premature beats")
(SETF (GETHASH '"427.69" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"427.8" ICD9-HASH-TABLE)
      "Other specified cardiac dysrhythmias")
(SETF (GETHASH '"427.81" ICD9-HASH-TABLE) "Sinoatrial node dysfunction")
(SETF (GETHASH '"427.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"427.9" ICD9-HASH-TABLE)
      "Cardiac dysrhythmia, unspecified")
(SETF (GETHASH '"428" ICD9-HASH-TABLE) "Heart failure")
(SETF (GETHASH '"428.0" ICD9-HASH-TABLE) "Congestive heart failure")
(SETF (GETHASH '"428.1" ICD9-HASH-TABLE) "Left heart failure")
(SETF (GETHASH '"428.9" ICD9-HASH-TABLE) "Heart failure, unspecified")
(SETF (GETHASH '"429" ICD9-HASH-TABLE)
      "Ill-defined descriptions and complications of heart disease")
(SETF (GETHASH '"429.0" ICD9-HASH-TABLE) "Myocarditis, unspecified")
(SETF (GETHASH '"429.1" ICD9-HASH-TABLE) "Myocardial degeneration")
(SETF (GETHASH '"429.2" ICD9-HASH-TABLE)
      "Cardiovascular disease, unspecified")
(SETF (GETHASH '"429.3" ICD9-HASH-TABLE) "Cardiomegaly")
(SETF (GETHASH '"429.4" ICD9-HASH-TABLE)
      "Functional disturbances following cardiac surgery")
(SETF (GETHASH '"429.5" ICD9-HASH-TABLE) "Rupture of chordae tendineae")
(SETF (GETHASH '"429.6" ICD9-HASH-TABLE) "Rupture of papillary muscle")
(SETF (GETHASH '"429.7" ICD9-HASH-TABLE)
      "Certain sequelae of myocardial infarction, not elsewhere classified")
(SETF (GETHASH '"429.71" ICD9-HASH-TABLE)
      "Acquired cardiac septal defect")
(SETF (GETHASH '"429.79" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"429.8" ICD9-HASH-TABLE)
      "Other ill-defined heart diseases")
(SETF (GETHASH '"429.81" ICD9-HASH-TABLE)
      "Other disorders of papillary muscle")
(SETF (GETHASH '"429.82" ICD9-HASH-TABLE) "Hyperkinetic heart disease")
(SETF (GETHASH '"429.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"429.9" ICD9-HASH-TABLE) "Heart disease, unspecified")
(SETF (GETHASH '"430" ICD9-HASH-TABLE) "Subarachnoid hemorrhage")
(SETF (GETHASH '"431" ICD9-HASH-TABLE) "Intracerebral hemorrhage")
(SETF (GETHASH '"432" ICD9-HASH-TABLE)
      "Other and unspecified intracranial hemorrhage")
(SETF (GETHASH '"432.0" ICD9-HASH-TABLE)
      "Nontraumatic extradural hemorrhage")
(SETF (GETHASH '"432.1" ICD9-HASH-TABLE) "Subdural hemorrhage")
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(SETF (GETHASH '"432.9" ICD9-HASH-TABLE)
      "Unspecified intracranial hemorrhage")
(SETF (GETHASH '"433" ICD9-HASH-TABLE)
      "Occlusion and stenosis of precerebral arteries")
(SETF (GETHASH '"433.0" ICD9-HASH-TABLE) "Basilar artery")
(SETF (GETHASH '"433.1" ICD9-HASH-TABLE) "Carotid artery")
(SETF (GETHASH '"433.2" ICD9-HASH-TABLE) "Vertebral artery")
(SETF (GETHASH '"433.3" ICD9-HASH-TABLE) "Multiple and bilateral")
(SETF (GETHASH '"433.8" ICD9-HASH-TABLE)
      "Other specified precerebral artery")
(SETF (GETHASH '"433.9" ICD9-HASH-TABLE)
      "Unspecified precerebral artery")
(SETF (GETHASH '"434" ICD9-HASH-TABLE) "Occlusion of cerebral arteries")
(SETF (GETHASH '"434.0" ICD9-HASH-TABLE) "Cerebral thrombosis")
(SETF (GETHASH '"434.1" ICD9-HASH-TABLE) "Cerebral embolism")
(SETF (GETHASH '"434.9" ICD9-HASH-TABLE)
      "Cerebral artery occlusion, unspecified")
(SETF (GETHASH '"435" ICD9-HASH-TABLE) "Transient cerebral ischemia")
(SETF (GETHASH '"435.0" ICD9-HASH-TABLE) "Basilar artery syndrome")
(SETF (GETHASH '"435.1" ICD9-HASH-TABLE) "Vertebral artery syndrome")
(SETF (GETHASH '"435.2" ICD9-HASH-TABLE) "Subclavian steal syndrome")
(SETF (GETHASH '"435.3" ICD9-HASH-TABLE)
      "Vertebrobasilar artery syndrome")
(SETF (GETHASH '"435.8" ICD9-HASH-TABLE)
      "Other specified transient cerebral ischemias")
(SETF (GETHASH '"435.9" ICD9-HASH-TABLE)
      "Unspecified transient cerebral ischemia")
(SETF (GETHASH '"436" ICD9-HASH-TABLE)
      "Acute, but ill-defined, cerebrovascular disease")
(SETF (GETHASH '"437" ICD9-HASH-TABLE)
      "Other and ill-defined cerebrovascular disease")
(SETF (GETHASH '"437.0" ICD9-HASH-TABLE) "Cerebral atherosclerosis")
(SETF (GETHASH '"437.1" ICD9-HASH-TABLE)
      "Other generalized ischemic cerebrovascular disease")
(SETF (GETHASH '"437.2" ICD9-HASH-TABLE) "Hypertensive encephalopathy")
(SETF (GETHASH '"437.3" ICD9-HASH-TABLE)
      "Cerebral aneurysm, nonruptured")
(SETF (GETHASH '"437.4" ICD9-HASH-TABLE) "Cerebral arteritis")
(SETF (GETHASH '"437.5" ICD9-HASH-TABLE) "Moyamoya disease")
(SETF (GETHASH '"437.6" ICD9-HASH-TABLE)
      "Nonpyogenic thrombosis of intracranial venous sinus")
(SETF (GETHASH '"437.8" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"437.9" ICD9-HASH-TABLE) "Unspecified")
(SETF (GETHASH '"438" ICD9-HASH-TABLE)
      "Late effects of cerebrovascular disease")
(SETF (GETHASH '"438.0" ICD9-HASH-TABLE) "Cognitive deficits")
(SETF (GETHASH '"438.1" ICD9-HASH-TABLE) "Speech and language deficits")
(SETF (GETHASH '"438.10" ICD9-HASH-TABLE)
      "Speech and language deficit, unspecified")
(SETF (GETHASH '"438.11" ICD9-HASH-TABLE) "Aphasia")
(SETF (GETHASH '"438.12" ICD9-HASH-TABLE) "Dysphasia")
(SETF (GETHASH '"438.19" ICD9-HASH-TABLE)
      "Other speech and language deficits")
(SETF (GETHASH '"438.2" ICD9-HASH-TABLE) "Hemiplegia/hemiparesis")
(SETF (GETHASH '"438.20" ICD9-HASH-TABLE)
      "Hemiplegia affecting unspecified side")
(SETF (GETHASH '"438.21" ICD9-HASH-TABLE)
      "Hemiplegia affecting dominant side")
(SETF (GETHASH '"438.22" ICD9-HASH-TABLE)
      "Hemiplegia affecting nondominant side")
(SETF (GETHASH '"438.3" ICD9-HASH-TABLE) "Monoplegia of upper limb")
(SETF (GETHASH '"438.30" ICD9-HASH-TABLE)
      "Monoplegia of upper limb affecting unspecified side")
(SETF (GETHASH '"438.31" ICD9-HASH-TABLE)
      "Monoplegia of upper limb affecting dominant side")
(SETF (GETHASH '"438.32" ICD9-HASH-TABLE)
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      "Monoplegia of upper limb affecting nondominant side")
(SETF (GETHASH '"438.4" ICD9-HASH-TABLE) "Monoplegia of lower limb")
(SETF (GETHASH '"438.40" ICD9-HASH-TABLE)
      "Monoplegia of lower limb affecting unspecified side")
(SETF (GETHASH '"438.41" ICD9-HASH-TABLE)
      "Monoplegia of lower limb affecting dominant side")
(SETF (GETHASH '"438.42" ICD9-HASH-TABLE)
      "Monoplegia of lower limb affecting nondominant side")
(SETF (GETHASH '"438.5" ICD9-HASH-TABLE) "Other paralytic syndrome")
(SETF (GETHASH '"438.50" ICD9-HASH-TABLE)
      "Other paralytic syndrome affecting unspecified side")
(SETF (GETHASH '"438.51" ICD9-HASH-TABLE)
      "Other paralytic syndrome affecting dominant side")
(SETF (GETHASH '"438.52" ICD9-HASH-TABLE)
      "Other paralytic syndrome affecting nondominant side")
(SETF (GETHASH '"438.8" ICD9-HASH-TABLE)
      "Other late effects of cerebrovascular disease")
(SETF (GETHASH '"438.81" ICD9-HASH-TABLE) "Apraxia")
(SETF (GETHASH '"438.82" ICD9-HASH-TABLE) "Dysphagia")
(SETF (GETHASH '"438.89" ICD9-HASH-TABLE)
      "Other late effects of cerebrovascular disease")
(SETF (GETHASH '"438.9" ICD9-HASH-TABLE)
      "Unspecified late effects of cerebrovascular disease")
(SETF (GETHASH '"440" ICD9-HASH-TABLE) "Atherosclerosis")
(SETF (GETHASH '"440.0" ICD9-HASH-TABLE) "Of aorta")
(SETF (GETHASH '"440.1" ICD9-HASH-TABLE) "Of renal artery")
(SETF (GETHASH '"440.2" ICD9-HASH-TABLE)
      "Of native arteries of the extremities")
(SETF (GETHASH '"440.20" ICD9-HASH-TABLE)
      "Atherosclerosis of the extremities, unspecified")
(SETF (GETHASH '"440.21" ICD9-HASH-TABLE)
      "Atherosclerosis of the extremities with intermittent claudication")
(SETF (GETHASH '"440.22" ICD9-HASH-TABLE)
      "Atherosclerosis of the extremities with rest pain")
(SETF (GETHASH '"440.23" ICD9-HASH-TABLE)
      "Atherosclerosis of the extremities with ulceration")
(SETF (GETHASH '"440.24" ICD9-HASH-TABLE)
      "Atherosclerosis of the extremities with gangrene")
(SETF (GETHASH '"440.29" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"440.3" ICD9-HASH-TABLE)
      "Of bypass graft of the extremities")
(SETF (GETHASH '"440.30" ICD9-HASH-TABLE) "Of unspecified graft")
(SETF (GETHASH '"440.31" ICD9-HASH-TABLE)
      "Of autologous vein bypass graft")
(SETF (GETHASH '"440.32" ICD9-HASH-TABLE)
      "Of nonautologous vein bypass graft")
(SETF (GETHASH '"440.8" ICD9-HASH-TABLE) "Of other specified arteries")
(SETF (GETHASH '"440.9" ICD9-HASH-TABLE)
      "Generalized and unspecified atherosclerosis")
(SETF (GETHASH '"441" ICD9-HASH-TABLE) "Aortic aneurysm and dissection")
(SETF (GETHASH '"441.0" ICD9-HASH-TABLE) "Dissection of aorta")
(SETF (GETHASH '"441.00" ICD9-HASH-TABLE) "Unspecified site")
(SETF (GETHASH '"441.01" ICD9-HASH-TABLE) "Thoracic")
(SETF (GETHASH '"441.02" ICD9-HASH-TABLE) "Abdominal")
(SETF (GETHASH '"441.03" ICD9-HASH-TABLE) "Thoracoabdominal")
(SETF (GETHASH '"441.1" ICD9-HASH-TABLE) "Thoracic aneurysm, ruptured")
(SETF (GETHASH '"441.2" ICD9-HASH-TABLE)
      "Thoracic aneurysm without mention of rupture")
(SETF (GETHASH '"441.3" ICD9-HASH-TABLE) "Abdominal aneurysm, ruptured")
(SETF (GETHASH '"441.4" ICD9-HASH-TABLE)
      "Abdominal aneurysm without mention of rupture")
(SETF (GETHASH '"441.5" ICD9-HASH-TABLE)
      "Aortic aneurysm of unspecified site, ruptured")
(SETF (GETHASH '"441.6" ICD9-HASH-TABLE)
      "Thoracoabdominal aneurysm, ruptured")
(SETF (GETHASH '"441.7" ICD9-HASH-TABLE)
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      "Thoracoabdominal aneurysm, without mention of rupture")
(SETF (GETHASH '"441.9" ICD9-HASH-TABLE)
      "Aortic aneurysm of unspecified site without mention of rupture")
(SETF (GETHASH '"442" ICD9-HASH-TABLE) "Other aneurysm")
(SETF (GETHASH '"442.0" ICD9-HASH-TABLE) "Of artery of upper extremity")
(SETF (GETHASH '"442.1" ICD9-HASH-TABLE) "Of renal artery")
(SETF (GETHASH '"442.2" ICD9-HASH-TABLE) "Of iliac artery")
(SETF (GETHASH '"442.3" ICD9-HASH-TABLE) "Of artery of lower extremity")
(SETF (GETHASH '"442.8" ICD9-HASH-TABLE) "Of other specified artery")
(SETF (GETHASH '"442.81" ICD9-HASH-TABLE) "Artery of neck")
(SETF (GETHASH '"442.82" ICD9-HASH-TABLE) "Subclavian artery")
(SETF (GETHASH '"442.83" ICD9-HASH-TABLE) "Splenic artery")
(SETF (GETHASH '"442.84" ICD9-HASH-TABLE) "Other visceral artery")
(SETF (GETHASH '"442.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"442.9" ICD9-HASH-TABLE) "Of unspecified site")
(SETF (GETHASH '"443" ICD9-HASH-TABLE)
      "Other peripheral vascular disease")
(SETF (GETHASH '"443.0" ICD9-HASH-TABLE) "Raynaud's syndrome")
(SETF (GETHASH '"443.1" ICD9-HASH-TABLE)
      "Thromboangiitis obliterans [Buerger's disease]")
(SETF (GETHASH '"443.8" ICD9-HASH-TABLE)
      "Other specified peripheral vascular diseases")
(SETF (GETHASH '"443.81" ICD9-HASH-TABLE)
      "Peripheral angiopathy in diseases classified elsewhere")
(SETF (GETHASH '"443.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"443.9" ICD9-HASH-TABLE)
      "Peripheral vascular disease, unspecified")
(SETF (GETHASH '"444" ICD9-HASH-TABLE)
      "Arterial embolism and thrombosis")
(SETF (GETHASH '"444.0" ICD9-HASH-TABLE) "Of abdominal aorta")
(SETF (GETHASH '"444.1" ICD9-HASH-TABLE) "Of thoracic aorta")
(SETF (GETHASH '"444.2" ICD9-HASH-TABLE)
      "Of arteries of the extremities")
(SETF (GETHASH '"444.21" ICD9-HASH-TABLE) "Upper extremity")
(SETF (GETHASH '"444.22" ICD9-HASH-TABLE) "Lower extremity")
(SETF (GETHASH '"444.8" ICD9-HASH-TABLE) "Of other specified artery")
(SETF (GETHASH '"444.81" ICD9-HASH-TABLE) "Iliac artery")
(SETF (GETHASH '"444.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"444.9" ICD9-HASH-TABLE) "Of unspecified artery")
(SETF (GETHASH '"446" ICD9-HASH-TABLE)
      "Polyarteritis nodosa and allied conditions")
(SETF (GETHASH '"446.0" ICD9-HASH-TABLE) "Polyarteritis nodosa")
(SETF (GETHASH '"446.1" ICD9-HASH-TABLE)
      "Acute febrile mucocutaneous lymph node syndrome [MCLS]")
(SETF (GETHASH '"446.2" ICD9-HASH-TABLE) "Hypersensitivity angiitis")
(SETF (GETHASH '"446.20" ICD9-HASH-TABLE)
      "Hypersensitivity angiitis, unspecified")
(SETF (GETHASH '"446.21" ICD9-HASH-TABLE) "Goodpasture's syndrome")
(SETF (GETHASH '"446.29" ICD9-HASH-TABLE)
      "Other specified hypersensitivity angiitis")
(SETF (GETHASH '"446.3" ICD9-HASH-TABLE) "Lethal midline granuloma")
(SETF (GETHASH '"446.4" ICD9-HASH-TABLE) "Wegener's granulomatosis")
(SETF (GETHASH '"446.5" ICD9-HASH-TABLE) "Giant cell arteritis")
(SETF (GETHASH '"446.6" ICD9-HASH-TABLE) "Thrombotic microangiopathy")
(SETF (GETHASH '"446.7" ICD9-HASH-TABLE) "Takayasu's disease")
(SETF (GETHASH '"447" ICD9-HASH-TABLE)
      "Other disorders of arteries and arterioles")
(SETF (GETHASH '"447.0" ICD9-HASH-TABLE)
      "Arteriovenous fistula, acquired")
(SETF (GETHASH '"447.1" ICD9-HASH-TABLE) "Stricture of artery")
(SETF (GETHASH '"447.2" ICD9-HASH-TABLE) "Rupture of artery")
(SETF (GETHASH '"447.3" ICD9-HASH-TABLE) "Hyperplasia of renal artery")
(SETF (GETHASH '"447.4" ICD9-HASH-TABLE)
      "Celiac artery compression syndrome")
(SETF (GETHASH '"447.5" ICD9-HASH-TABLE) "Necrosis of artery")
(SETF (GETHASH '"447.6" ICD9-HASH-TABLE) "Arteritis, unspecified")
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(SETF (GETHASH '"447.8" ICD9-HASH-TABLE)
      "Other specified disorders of arteries and arterioles")
(SETF (GETHASH '"447.9" ICD9-HASH-TABLE)
      "Unspecified disorders of arteries and arterioles")
(SETF (GETHASH '"448" ICD9-HASH-TABLE) "Disease of capillaries")
(SETF (GETHASH '"448.0" ICD9-HASH-TABLE)
      "Hereditary hemorrhagic telangiectasia")
(SETF (GETHASH '"448.1" ICD9-HASH-TABLE) "Nevus, non-neoplastic")
(SETF (GETHASH '"448.9" ICD9-HASH-TABLE)
      "Other and unspecified capillary diseases")
(SETF (GETHASH '"451" ICD9-HASH-TABLE) "Phlebitis and thrombophlebitis")
(SETF (GETHASH '"451.0" ICD9-HASH-TABLE)
      "Of superficial vessels of lower extremities")
(SETF (GETHASH '"451.1" ICD9-HASH-TABLE)
      "Of deep vessels of lower extremities")
(SETF (GETHASH '"451.11" ICD9-HASH-TABLE)
      "Femoral vein (deep) (superficial)")
(SETF (GETHASH '"451.19" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"451.2" ICD9-HASH-TABLE)
      "Of lower extremities, unspecified")
(SETF (GETHASH '"451.8" ICD9-HASH-TABLE) "Of other sites")
(SETF (GETHASH '"451.81" ICD9-HASH-TABLE) "Iliac vein")
(SETF (GETHASH '"451.82" ICD9-HASH-TABLE)
      "Of superficial veins of upper extremities")
(SETF (GETHASH '"451.83" ICD9-HASH-TABLE)
      "Of deep veins of upper extremities")
(SETF (GETHASH '"451.84" ICD9-HASH-TABLE)
      "Of upper extremities, unspecified")
(SETF (GETHASH '"451.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"451.9" ICD9-HASH-TABLE) "Of unspecified site")
(SETF (GETHASH '"452" ICD9-HASH-TABLE) "Portal vein thrombosis")
(SETF (GETHASH '"453" ICD9-HASH-TABLE)
      "Other venous embolism and thrombosis")
(SETF (GETHASH '"453.0" ICD9-HASH-TABLE) "Budd-Chiari syndrome")
(SETF (GETHASH '"453.1" ICD9-HASH-TABLE) "Thrombophlebitis migrans")
(SETF (GETHASH '"453.2" ICD9-HASH-TABLE) "Of vena cava")
(SETF (GETHASH '"453.3" ICD9-HASH-TABLE) "Of renal vein")
(SETF (GETHASH '"453.8" ICD9-HASH-TABLE) "Of other specified veins")
(SETF (GETHASH '"453.9" ICD9-HASH-TABLE) "Of unspecified site")
(SETF (GETHASH '"454" ICD9-HASH-TABLE)
      "Varicose veins of lower extremities")
(SETF (GETHASH '"454.0" ICD9-HASH-TABLE) "With ulcer")
(SETF (GETHASH '"454.1" ICD9-HASH-TABLE) "With inflammation")
(SETF (GETHASH '"454.2" ICD9-HASH-TABLE) "With ulcer and inflammation")
(SETF (GETHASH '"454.9" ICD9-HASH-TABLE)
      "Without mention of ulcer or inflammation")
(SETF (GETHASH '"455" ICD9-HASH-TABLE) "Hemorrhoids")
(SETF (GETHASH '"455.0" ICD9-HASH-TABLE)
      "Internal hemorrhoids without mention of complication")
(SETF (GETHASH '"455.1" ICD9-HASH-TABLE)
      "Internal thrombosed hemorrhoids")
(SETF (GETHASH '"455.2" ICD9-HASH-TABLE)
      "Internal hemorrhoids with other complication")
(SETF (GETHASH '"455.3" ICD9-HASH-TABLE)
      "External hemorrhoids without mention of complication")
(SETF (GETHASH '"455.4" ICD9-HASH-TABLE)
      "External thrombosed hemorrhoids")
(SETF (GETHASH '"455.5" ICD9-HASH-TABLE)
      "External hemorrhoids with other complication")
(SETF (GETHASH '"455.6" ICD9-HASH-TABLE)
      "Unspecified hemorrhoids without mention of complication")
(SETF (GETHASH '"455.7" ICD9-HASH-TABLE)
      "Unspecified thrombosed hemorrhoids")
(SETF (GETHASH '"455.8" ICD9-HASH-TABLE)
      "Unspecified hemorrhoids with other complication")
(SETF (GETHASH '"455.9" ICD9-HASH-TABLE)
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      "Residual hemorrhoidal skin tags")
(SETF (GETHASH '"456" ICD9-HASH-TABLE) "Varicose veins of other sites")
(SETF (GETHASH '"456.0" ICD9-HASH-TABLE)
      "Esophageal varices with bleeding")
(SETF (GETHASH '"456.1" ICD9-HASH-TABLE)
      "Esophageal varices without mention of bleeding")
(SETF (GETHASH '"456.2" ICD9-HASH-TABLE)
      "Esophageal varices in diseases classified elsewhere")
(SETF (GETHASH '"456.20" ICD9-HASH-TABLE) "With bleeding")
(SETF (GETHASH '"456.21" ICD9-HASH-TABLE) "Without mention of bleeding")
(SETF (GETHASH '"456.3" ICD9-HASH-TABLE) "Sublingual varices")
(SETF (GETHASH '"456.4" ICD9-HASH-TABLE) "Scrotal varices")
(SETF (GETHASH '"456.5" ICD9-HASH-TABLE) "Pelvic varices")
(SETF (GETHASH '"456.6" ICD9-HASH-TABLE) "Vulval varices")
(SETF (GETHASH '"456.8" ICD9-HASH-TABLE) "Varices of other sites")
(SETF (GETHASH '"457" ICD9-HASH-TABLE)
      "Noninfectious disorders of lymphatic channels")
(SETF (GETHASH '"457.0" ICD9-HASH-TABLE)
      "Postmastectomy lymphedema syndrome")
(SETF (GETHASH '"457.1" ICD9-HASH-TABLE) "Other lymphedema")
(SETF (GETHASH '"457.2" ICD9-HASH-TABLE) "Lymphangitis")
(SETF (GETHASH '"457.8" ICD9-HASH-TABLE)
      "Other noninfectious disorders of lymphatic channels")
(SETF (GETHASH '"457.9" ICD9-HASH-TABLE)
      "Unspecified noninfectious disorder of lymphatic channels")
(SETF (GETHASH '"458" ICD9-HASH-TABLE) "Hypotension")
(SETF (GETHASH '"458.0" ICD9-HASH-TABLE) "Orthostatic hypotension")
(SETF (GETHASH '"458.1" ICD9-HASH-TABLE) "Chronic hypotension")
(SETF (GETHASH '"458.2" ICD9-HASH-TABLE) "Iatrogenic hypotension")
(SETF (GETHASH '"458.8" ICD9-HASH-TABLE) "Other specified hypotension")
(SETF (GETHASH '"458.9" ICD9-HASH-TABLE) "Hypotension, unspecified")
(SETF (GETHASH '"459" ICD9-HASH-TABLE)
      "Other disorders of circulatory system")
(SETF (GETHASH '"459.0" ICD9-HASH-TABLE) "Hemorrhage, unspecified")
(SETF (GETHASH '"459.1" ICD9-HASH-TABLE) "Postphlebitic syndrome")
(SETF (GETHASH '"459.2" ICD9-HASH-TABLE) "Compression of vein")
(SETF (GETHASH '"459.8" ICD9-HASH-TABLE)
      "Other specified disorders of circulatory system")
(SETF (GETHASH '"459.81" ICD9-HASH-TABLE)
      "Venous (peripheral) insufficiency, unspecified")
(SETF (GETHASH '"459.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"459.9" ICD9-HASH-TABLE)
      "Unspecified circulatory system disorder")
(SETF (GETHASH '"460" ICD9-HASH-TABLE)
      "Acute nasopharyngitis [common cold]")
(SETF (GETHASH '"461" ICD9-HASH-TABLE) "Acute sinusitis")
(SETF (GETHASH '"461.0" ICD9-HASH-TABLE) "Maxillary")
(SETF (GETHASH '"461.1" ICD9-HASH-TABLE) "Frontal")
(SETF (GETHASH '"461.2" ICD9-HASH-TABLE) "Ethmoidal")
(SETF (GETHASH '"461.3" ICD9-HASH-TABLE) "Sphenoidal")
(SETF (GETHASH '"461.8" ICD9-HASH-TABLE) "Other acute sinusitis")
(SETF (GETHASH '"461.9" ICD9-HASH-TABLE) "Acute sinusitis, unspecified")
(SETF (GETHASH '"462" ICD9-HASH-TABLE) "Acute pharyngitis")
(SETF (GETHASH '"463" ICD9-HASH-TABLE) "Acute tonsillitis")
(SETF (GETHASH '"464" ICD9-HASH-TABLE) "Acute laryngitis and tracheitis")
(SETF (GETHASH '"464.0" ICD9-HASH-TABLE) "Acute laryngitis")
(SETF (GETHASH '"464.1" ICD9-HASH-TABLE) "Acute tracheitis")
(SETF (GETHASH '"464.10" ICD9-HASH-TABLE)
      "Without mention of obstruction")
(SETF (GETHASH '"464.11" ICD9-HASH-TABLE) "With obstruction")
(SETF (GETHASH '"464.2" ICD9-HASH-TABLE) "Acute laryngotracheitis")
(SETF (GETHASH '"464.20" ICD9-HASH-TABLE)
      "Without mention of obstruction")
(SETF (GETHASH '"464.21" ICD9-HASH-TABLE) "With obstruction")
(SETF (GETHASH '"464.3" ICD9-HASH-TABLE) "Acute epiglottitis")
(SETF (GETHASH '"464.30" ICD9-HASH-TABLE)
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      "Without mention of obstruction")
(SETF (GETHASH '"464.31" ICD9-HASH-TABLE) "With obstruction")
(SETF (GETHASH '"464.4" ICD9-HASH-TABLE) "Croup")
(SETF (GETHASH '"465" ICD9-HASH-TABLE)
      "Acute upper respiratory infections of multiple or unspecified sites")
(SETF (GETHASH '"465.0" ICD9-HASH-TABLE) "Acute laryngopharyngitis")
(SETF (GETHASH '"465.8" ICD9-HASH-TABLE) "Other multiple sites")
(SETF (GETHASH '"465.9" ICD9-HASH-TABLE) "Unspecified site")
(SETF (GETHASH '"466" ICD9-HASH-TABLE)
      "Acute bronchitis and bronchiolitis")
(SETF (GETHASH '"466.0" ICD9-HASH-TABLE) "Acute bronchitis")
(SETF (GETHASH '"466.1" ICD9-HASH-TABLE) "Acute bronchiolitis")
(SETF (GETHASH '"466.11" ICD9-HASH-TABLE)
      "Acute bronchiolitis due to respiratory syncytial virus (RSV)")
(SETF (GETHASH '"466.19" ICD9-HASH-TABLE)
      "Acute bronchiolitis due to other infectious organisms")
(SETF (GETHASH '"470" ICD9-HASH-TABLE) "Deviated nasal septum")
(SETF (GETHASH '"471" ICD9-HASH-TABLE) "Nasal polyps")
(SETF (GETHASH '"471.0" ICD9-HASH-TABLE) "Polyp of nasal cavity")
(SETF (GETHASH '"471.1" ICD9-HASH-TABLE) "Polypoid sinus degeneration")
(SETF (GETHASH '"471.8" ICD9-HASH-TABLE) "Other polyp of sinus")
(SETF (GETHASH '"471.9" ICD9-HASH-TABLE) "Unspecified nasal polyp")
(SETF (GETHASH '"472" ICD9-HASH-TABLE)
      "Chronic pharyngitis and nasopharyngitis")
(SETF (GETHASH '"472.0" ICD9-HASH-TABLE) "Chronic rhinitis")
(SETF (GETHASH '"472.1" ICD9-HASH-TABLE) "Chronic pharyngitis")
(SETF (GETHASH '"472.2" ICD9-HASH-TABLE) "Chronic nasopharyngitis")
(SETF (GETHASH '"473" ICD9-HASH-TABLE) "Chronic sinusitis")
(SETF (GETHASH '"473.0" ICD9-HASH-TABLE) "Maxillary")
(SETF (GETHASH '"473.1" ICD9-HASH-TABLE) "Frontal")
(SETF (GETHASH '"473.2" ICD9-HASH-TABLE) "Ethmoidal")
(SETF (GETHASH '"473.3" ICD9-HASH-TABLE) "Sphenoidal")
(SETF (GETHASH '"473.8" ICD9-HASH-TABLE) "Other chronic sinusitis")
(SETF (GETHASH '"473.9" ICD9-HASH-TABLE)
      "Unspecified sinusitis (chronic)")
(SETF (GETHASH '"474" ICD9-HASH-TABLE)
      "Chronic disease of tonsils and adenoids")
(SETF (GETHASH '"474.0" ICD9-HASH-TABLE)
      "Chronic tonsillitis and adenoiditis")
(SETF (GETHASH '"474.00" ICD9-HASH-TABLE) "Chronic tonsillitis")
(SETF (GETHASH '"474.01" ICD9-HASH-TABLE) "Chronic adenoiditis")
(SETF (GETHASH '"474.02" ICD9-HASH-TABLE)
      "Chronic tonsillitis and adenoiditis")
(SETF (GETHASH '"474.1" ICD9-HASH-TABLE)
      "Hypertrophy of tonsils and adenoids")
(SETF (GETHASH '"474.10" ICD9-HASH-TABLE) "Tonsils with adenoids")
(SETF (GETHASH '"474.11" ICD9-HASH-TABLE) "Tonsils alone")
(SETF (GETHASH '"474.12" ICD9-HASH-TABLE) "Adenoids alone")
(SETF (GETHASH '"474.2" ICD9-HASH-TABLE) "Adenoid vegetations")
(SETF (GETHASH '"474.8" ICD9-HASH-TABLE)
      "Other chronic disease of tonsils and adenoids")
(SETF (GETHASH '"474.9" ICD9-HASH-TABLE)
      "Unspecified chronic disease of tonsils and adenoids")
(SETF (GETHASH '"475" ICD9-HASH-TABLE) "Peritonsillar abscess")
(SETF (GETHASH '"476" ICD9-HASH-TABLE)
      "Chronic laryngitis and laryngotracheitis")
(SETF (GETHASH '"476.0" ICD9-HASH-TABLE) "Chronic laryngitis")
(SETF (GETHASH '"476.1" ICD9-HASH-TABLE) "Chronic laryngotracheitis")
(SETF (GETHASH '"477" ICD9-HASH-TABLE) "Allergic rhinitis")
(SETF (GETHASH '"477.0" ICD9-HASH-TABLE) "Due to pollen")
(SETF (GETHASH '"477.8" ICD9-HASH-TABLE) "Due to other allergen")
(SETF (GETHASH '"477.9" ICD9-HASH-TABLE) "Cause unspecified")
(SETF (GETHASH '"478" ICD9-HASH-TABLE)
      "Other diseases of upper respiratory tract")
(SETF (GETHASH '"478.0" ICD9-HASH-TABLE)
      "Hypertrophy of nasal turbinates")
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(SETF (GETHASH '"478.1" ICD9-HASH-TABLE)
      "Other diseases of nasal cavity and sinuses")
(SETF (GETHASH '"478.2" ICD9-HASH-TABLE)
      "Other diseases of pharynx, not elsewhere classified")
(SETF (GETHASH '"478.20" ICD9-HASH-TABLE)
      "Unspecified disease of pharynx")
(SETF (GETHASH '"478.21" ICD9-HASH-TABLE)
      "Cellulitis of pharynx or nasopharynx")
(SETF (GETHASH '"478.22" ICD9-HASH-TABLE) "Parapharyngeal abscess")
(SETF (GETHASH '"478.25" ICD9-HASH-TABLE)
      "Edema of pharynx or nasopharynx")
(SETF (GETHASH '"478.26" ICD9-HASH-TABLE)
      "Cyst of pharynx or nasopharynx")
(SETF (GETHASH '"478.29" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"478.3" ICD9-HASH-TABLE)
      "Paralysis of vocal cords or larynx")
(SETF (GETHASH '"478.30" ICD9-HASH-TABLE) "Paralysis, unspecified")
(SETF (GETHASH '"478.31" ICD9-HASH-TABLE) "Unilateral, partial")
(SETF (GETHASH '"478.32" ICD9-HASH-TABLE) "Unilateral, complete")
(SETF (GETHASH '"478.33" ICD9-HASH-TABLE) "Bilateral, partial")
(SETF (GETHASH '"478.34" ICD9-HASH-TABLE) "Bilateral, complete")
(SETF (GETHASH '"478.4" ICD9-HASH-TABLE) "Polyp of vocal cord or larynx")
(SETF (GETHASH '"478.5" ICD9-HASH-TABLE) "Other diseases of vocal cords")
(SETF (GETHASH '"478.6" ICD9-HASH-TABLE) "Edema of larynx")
(SETF (GETHASH '"478.7" ICD9-HASH-TABLE)
      "Other diseases of larynx, not elsewhere classified")
(SETF (GETHASH '"478.70" ICD9-HASH-TABLE)
      "Unspecified disease of larynx")
(SETF (GETHASH '"478.71" ICD9-HASH-TABLE)
      "Cellulitis and perichondritis of larynx")
(SETF (GETHASH '"478.74" ICD9-HASH-TABLE) "Stenosis of larynx")
(SETF (GETHASH '"478.75" ICD9-HASH-TABLE) "Laryngeal spasm")
(SETF (GETHASH '"478.79" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"478.8" ICD9-HASH-TABLE)
      "Upper respiratory tract hypersensitivity reaction, site unspecified")
(SETF (GETHASH '"478.9" ICD9-HASH-TABLE)
      "Other and unspecified diseases of upper respiratory tract")
(SETF (GETHASH '"480" ICD9-HASH-TABLE) "Viral pneumonia")
(SETF (GETHASH '"480.0" ICD9-HASH-TABLE) "Pneumonia due to adenovirus")
(SETF (GETHASH '"480.1" ICD9-HASH-TABLE)
      "Pneumonia due to respiratory syncytial virus")
(SETF (GETHASH '"480.2" ICD9-HASH-TABLE)
      "Pneumonia due to parainfluenza virus")
(SETF (GETHASH '"480.8" ICD9-HASH-TABLE)
      "Pneumonia due to other virus not elsewhere classified")
(SETF (GETHASH '"480.9" ICD9-HASH-TABLE) "Viral pneumonia, unspecified")
(SETF (GETHASH '"481" ICD9-HASH-TABLE)
      "Pneumococcal pneumonia [Streptococcus pneumoniae pneumonia]")
(SETF (GETHASH '"482" ICD9-HASH-TABLE) "Other bacterial pneumonia")
(SETF (GETHASH '"482.0" ICD9-HASH-TABLE)
      "Pneumonia due to Klebsiella pneumoniae")
(SETF (GETHASH '"482.1" ICD9-HASH-TABLE) "Pneumonia due to Pseudomonas")
(SETF (GETHASH '"482.2" ICD9-HASH-TABLE)
      "Pneumonia due to Hemophilus influenzae [H. influenzae]")
(SETF (GETHASH '"482.3" ICD9-HASH-TABLE)
      "Pneumonia due to Streptococcus")
(SETF (GETHASH '"482.30" ICD9-HASH-TABLE) "Streptococcus, unspecified")
(SETF (GETHASH '"482.31" ICD9-HASH-TABLE) "Group A")
(SETF (GETHASH '"482.32" ICD9-HASH-TABLE) "Group B")
(SETF (GETHASH '"482.39" ICD9-HASH-TABLE) "Other Streptococcus")
(SETF (GETHASH '"482.4" ICD9-HASH-TABLE)
      "Pneumonia due to Staphylococcus")
(SETF (GETHASH '"482.8" ICD9-HASH-TABLE)
      "Pneumonia due to other specified bacteria")
(SETF (GETHASH '"482.81" ICD9-HASH-TABLE) "Anaerobes")
(SETF (GETHASH '"482.82" ICD9-HASH-TABLE) "Escherichia coli [E. coli]")
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(SETF (GETHASH '"482.83" ICD9-HASH-TABLE) "Other gram-negative bacteria")
(SETF (GETHASH '"482.84" ICD9-HASH-TABLE) "Legionaires' disease")
(SETF (GETHASH '"482.89" ICD9-HASH-TABLE) "Other specified bacteria")
(SETF (GETHASH '"482.9" ICD9-HASH-TABLE)
      "Bacterial pneumonia unspecified")
(SETF (GETHASH '"483" ICD9-HASH-TABLE)
      "Pneumonia due to other specified organism")
(SETF (GETHASH '"483.0" ICD9-HASH-TABLE) "Mycoplasma pneumoniae")
(SETF (GETHASH '"483.1" ICD9-HASH-TABLE) "Chlamydia")
(SETF (GETHASH '"483.8" ICD9-HASH-TABLE) "Other specified organism")
(SETF (GETHASH '"484" ICD9-HASH-TABLE)
      "Pneumonia in infectious diseases classified elsewhere")
(SETF (GETHASH '"484.1" ICD9-HASH-TABLE)
      "Pneumonia in cytomegalic inclusion disease")
(SETF (GETHASH '"484.3" ICD9-HASH-TABLE) "Pneumonia in whooping cough")
(SETF (GETHASH '"484.5" ICD9-HASH-TABLE) "Pneumonia in anthrax")
(SETF (GETHASH '"484.6" ICD9-HASH-TABLE) "Pneumonia in aspergillosis")
(SETF (GETHASH '"484.7" ICD9-HASH-TABLE)
      "Pneumonia in other systemic mycoses")
(SETF (GETHASH '"484.8" ICD9-HASH-TABLE)
      "Pneumonia in other infectious diseases classified elsewhere")
(SETF (GETHASH '"485" ICD9-HASH-TABLE)
      "Bronchopneumonia, organism unspecified")
(SETF (GETHASH '"486" ICD9-HASH-TABLE) "Pneumonia, organism unspecified")
(SETF (GETHASH '"487" ICD9-HASH-TABLE) "Influenza")
(SETF (GETHASH '"487.0" ICD9-HASH-TABLE) "With pneumonia")
(SETF (GETHASH '"487.1" ICD9-HASH-TABLE)
      "With other respiratory manifestations")
(SETF (GETHASH '"487.8" ICD9-HASH-TABLE) "With other manifestations")
(SETF (GETHASH '"490" ICD9-HASH-TABLE)
      "Bronchitis, not specified as acute or chronic")
(SETF (GETHASH '"491" ICD9-HASH-TABLE) "Chronic bronchitis")
(SETF (GETHASH '"491.0" ICD9-HASH-TABLE) "Simple chronic bronchitis")
(SETF (GETHASH '"491.1" ICD9-HASH-TABLE)
      "Mucopurulent chronic bronchitis")
(SETF (GETHASH '"491.2" ICD9-HASH-TABLE)
      "Obstructive chronic bronchitis")
(SETF (GETHASH '"491.20" ICD9-HASH-TABLE)
      "Without mention of acute exacerbation")
(SETF (GETHASH '"491.21" ICD9-HASH-TABLE) "With acute exacerbation")
(SETF (GETHASH '"491.8" ICD9-HASH-TABLE) "Other chronic bronchitis")
(SETF (GETHASH '"491.9" ICD9-HASH-TABLE)
      "Unspecified chronic bronchitis")
(SETF (GETHASH '"492" ICD9-HASH-TABLE) "Emphysema")
(SETF (GETHASH '"492.0" ICD9-HASH-TABLE) "Emphysematous bleb")
(SETF (GETHASH '"492.8" ICD9-HASH-TABLE) "Other emphysema")
(SETF (GETHASH '"493" ICD9-HASH-TABLE) "Asthma")
(SETF (GETHASH '"493.0" ICD9-HASH-TABLE) "Extrinsic asthma")
(SETF (GETHASH '"493.1" ICD9-HASH-TABLE) "Intrinsic asthma")
(SETF (GETHASH '"493.2" ICD9-HASH-TABLE) "Chronic obstructive asthma")
(SETF (GETHASH '"493.9" ICD9-HASH-TABLE) "Asthma, unspecified")
(SETF (GETHASH '"494" ICD9-HASH-TABLE) "Bronchiectasis")
(SETF (GETHASH '"495" ICD9-HASH-TABLE) "Extrinsic allergic alveolitis")
(SETF (GETHASH '"495.0" ICD9-HASH-TABLE) "Farmers' lung")
(SETF (GETHASH '"495.1" ICD9-HASH-TABLE) "Bagassosis")
(SETF (GETHASH '"495.2" ICD9-HASH-TABLE) "Bird-fanciers' lung")
(SETF (GETHASH '"495.3" ICD9-HASH-TABLE) "Suberosis")
(SETF (GETHASH '"495.4" ICD9-HASH-TABLE) "Malt workers' lung")
(SETF (GETHASH '"495.5" ICD9-HASH-TABLE) "Mushroom workers' lung")
(SETF (GETHASH '"495.6" ICD9-HASH-TABLE) "Maple bark-strippers' lung")
(SETF (GETHASH '"495.8" ICD9-HASH-TABLE)
      "Other specified allergic alveolitis and pneumonitis")
(SETF (GETHASH '"495.9" ICD9-HASH-TABLE)
      "Unspecified allergic alveolitis and pneumonitis")
(SETF (GETHASH '"496" ICD9-HASH-TABLE)
      "Chronic airway obstruction, not elsewhere classified")
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(SETF (GETHASH '"500" ICD9-HASH-TABLE) "Coal workers' pneumoconiosis")
(SETF (GETHASH '"501" ICD9-HASH-TABLE) "Asbestosis")
(SETF (GETHASH '"502" ICD9-HASH-TABLE)
      "Pneumoconiosis due to other silica or silicates")
(SETF (GETHASH '"503" ICD9-HASH-TABLE)
      "Pneumoconiosis due to other inorganic dust")
(SETF (GETHASH '"504" ICD9-HASH-TABLE)
      "Pneumonopathy due to inhalation of other dust")
(SETF (GETHASH '"505" ICD9-HASH-TABLE) "Pneumoconiosis, unspecified")
(SETF (GETHASH '"506" ICD9-HASH-TABLE)
      "Respiratory conditions due to chemical fumes and vapors")
(SETF (GETHASH '"506.0" ICD9-HASH-TABLE)
      "Bronchitis and pneumonitis due to fumes and vapors")
(SETF (GETHASH '"506.1" ICD9-HASH-TABLE)
      "Acute pulmonary edema due to fumes and vapors")
(SETF (GETHASH '"506.2" ICD9-HASH-TABLE)
      "Upper respiratory inflammation due to fumes and vapors")
(SETF (GETHASH '"506.3" ICD9-HASH-TABLE)
      "Other acute and subacute respiratory conditions due to fumes and vapors")
(SETF (GETHASH '"506.4" ICD9-HASH-TABLE)
      "Chronic respiratory conditions due to fumes and vapors")
(SETF (GETHASH '"506.9" ICD9-HASH-TABLE)
      "Unspecified respiratory conditions due to fumes and vapors")
(SETF (GETHASH '"507" ICD9-HASH-TABLE)
      "Pneumonitis due to solids and liquids")
(SETF (GETHASH '"507.0" ICD9-HASH-TABLE)
      "Due to inhalation of food or vomitus")
(SETF (GETHASH '"507.1" ICD9-HASH-TABLE)
      "Due to inhalation of oils and essences")
(SETF (GETHASH '"507.8" ICD9-HASH-TABLE)
      "Due to other solids and liquids")
(SETF (GETHASH '"508" ICD9-HASH-TABLE)
      "Respiratory conditions due to other and unspecified external agents")
(SETF (GETHASH '"508.0" ICD9-HASH-TABLE)
      "Acute pulmonary manifestations due to radiation")
(SETF (GETHASH '"508.1" ICD9-HASH-TABLE)
      "Chronic and other pulmonary manifestations due to radiation")
(SETF (GETHASH '"508.8" ICD9-HASH-TABLE)
      "Respiratory conditions due to other specified external agents")
(SETF (GETHASH '"508.9" ICD9-HASH-TABLE)
      "Respiratory conditions due to unspecified external agent")
(SETF (GETHASH '"510" ICD9-HASH-TABLE) "Empyema")
(SETF (GETHASH '"510.0" ICD9-HASH-TABLE) "With fistula")
(SETF (GETHASH '"510.9" ICD9-HASH-TABLE) "Without mention of fistula")
(SETF (GETHASH '"511" ICD9-HASH-TABLE) "Pleurisy")
(SETF (GETHASH '"511.0" ICD9-HASH-TABLE)
      "Without mention of effusion or current tuberculosis")
(SETF (GETHASH '"511.1" ICD9-HASH-TABLE)
      "With effusion, with mention of a bacterial cause other than tuberculosis")
(SETF (GETHASH '"511.8" ICD9-HASH-TABLE)
      "Other specified forms of effusion, except tuberculous")
(SETF (GETHASH '"511.9" ICD9-HASH-TABLE) "Unspecified pleural effusion")
(SETF (GETHASH '"512" ICD9-HASH-TABLE) "Pneumothorax")
(SETF (GETHASH '"512.0" ICD9-HASH-TABLE)
      "Spontaneous tension pneumothorax")
(SETF (GETHASH '"512.1" ICD9-HASH-TABLE) "Iatrogenic pneumothorax")
(SETF (GETHASH '"512.8" ICD9-HASH-TABLE)
      "Other spontaneous pneumothorax")
(SETF (GETHASH '"513" ICD9-HASH-TABLE) "Abscess of lung and mediastinum")
(SETF (GETHASH '"513.0" ICD9-HASH-TABLE) "Abscess of lung")
(SETF (GETHASH '"513.1" ICD9-HASH-TABLE) "Abscess of mediastinum")
(SETF (GETHASH '"514" ICD9-HASH-TABLE)
      "Pulmonary congestion and hypostasis")
(SETF (GETHASH '"515" ICD9-HASH-TABLE)
      "Postinflammatory pulmonary fibrosis")
(SETF (GETHASH '"516" ICD9-HASH-TABLE)
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      "Other alveolar and parietoalveolar pneumonopathy")
(SETF (GETHASH '"516.0" ICD9-HASH-TABLE)
      "Pulmonary alveolar proteinosis")
(SETF (GETHASH '"516.1" ICD9-HASH-TABLE)
      "Idiopathic pulmonary hemosiderosis")
(SETF (GETHASH '"516.2" ICD9-HASH-TABLE)
      "Pulmonary alveolar microlithiasis")
(SETF (GETHASH '"516.3" ICD9-HASH-TABLE)
      "Idiopathic fibrosing alveolitis")
(SETF (GETHASH '"516.8" ICD9-HASH-TABLE)
      "Other specified alveolar and parietoalveolar pneumonopathies")
(SETF (GETHASH '"516.9" ICD9-HASH-TABLE)
      "Unspecified alveolar and parietoalveolar pneumonopathy")
(SETF (GETHASH '"517" ICD9-HASH-TABLE)
      "Lung involvement in conditions classified elsewhere")
(SETF (GETHASH '"517.1" ICD9-HASH-TABLE) "Rheumatic pneumonia")
(SETF (GETHASH '"517.2" ICD9-HASH-TABLE)
      "Lung involvement in systemic sclerosis")
(SETF (GETHASH '"517.8" ICD9-HASH-TABLE)
      "Lung involvement in other diseases classified elsewhere")
(SETF (GETHASH '"518" ICD9-HASH-TABLE) "Other diseases of lung")
(SETF (GETHASH '"518.0" ICD9-HASH-TABLE) "Pulmonary collapse")
(SETF (GETHASH '"518.1" ICD9-HASH-TABLE) "Interstitial emphysema")
(SETF (GETHASH '"518.2" ICD9-HASH-TABLE) "Compensatory emphysema")
(SETF (GETHASH '"518.3" ICD9-HASH-TABLE) "Pulmonary eosinophilia")
(SETF (GETHASH '"518.4" ICD9-HASH-TABLE)
      "Acute edema of lung, unspecified")
(SETF (GETHASH '"518.5" ICD9-HASH-TABLE)
      "Pulmonary insufficiency following trauma and surgery")
(SETF (GETHASH '"518.6" ICD9-HASH-TABLE)
      "Allergic bronchopulmonary aspergillosis")
(SETF (GETHASH '"518.8" ICD9-HASH-TABLE) "Other diseases of lung")
(SETF (GETHASH '"518.81" ICD9-HASH-TABLE) "Respiratory failure")
(SETF (GETHASH '"518.82" ICD9-HASH-TABLE)
      "Other pulmonary insufficiency, not elsewhere classified")
(SETF (GETHASH '"518.89" ICD9-HASH-TABLE)
      "Other diseases of lung, not elsewhere classified")
(SETF (GETHASH '"519" ICD9-HASH-TABLE)
      "Other diseases of respiratory system")
(SETF (GETHASH '"519.0" ICD9-HASH-TABLE) "Tracheostomy complication")
(SETF (GETHASH '"519.1" ICD9-HASH-TABLE)
      "Other diseases of trachea and bronchus, not elsewhere classified")
(SETF (GETHASH '"519.2" ICD9-HASH-TABLE) "Mediastinitis")
(SETF (GETHASH '"519.3" ICD9-HASH-TABLE)
      "Other diseases of mediastinum, not elsewhere classified")
(SETF (GETHASH '"519.4" ICD9-HASH-TABLE) "Disorders of diaphragm")
(SETF (GETHASH '"519.8" ICD9-HASH-TABLE)
      "Other diseases of respiratory system, not elsewhere classified")
(SETF (GETHASH '"519.9" ICD9-HASH-TABLE)
      "Unspecified disease of respiratory system")
(SETF (GETHASH '"520" ICD9-HASH-TABLE)
      "Disorders of tooth development and eruption")
(SETF (GETHASH '"520.0" ICD9-HASH-TABLE) "Anodontia")
(SETF (GETHASH '"520.1" ICD9-HASH-TABLE) "Supernumerary teeth")
(SETF (GETHASH '"520.2" ICD9-HASH-TABLE)
      "Abnormalities of size and form")
(SETF (GETHASH '"520.3" ICD9-HASH-TABLE) "Mottled teeth")
(SETF (GETHASH '"520.4" ICD9-HASH-TABLE)
      "Disturbances of tooth formation")
(SETF (GETHASH '"520.5" ICD9-HASH-TABLE)
      "Hereditary disturbances in tooth structure, not elsewhere classified")
(SETF (GETHASH '"520.6" ICD9-HASH-TABLE)
      "Disturbances in tooth eruption")
(SETF (GETHASH '"520.7" ICD9-HASH-TABLE) "Teething syndrome")
(SETF (GETHASH '"520.8" ICD9-HASH-TABLE)
      "Other specified disorders of tooth development and eruption")
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(SETF (GETHASH '"520.9" ICD9-HASH-TABLE)
      "Unspecified disorder of tooth development and eruption")
(SETF (GETHASH '"521" ICD9-HASH-TABLE)
      "Diseases of hard tissues of teeth")
(SETF (GETHASH '"521.0" ICD9-HASH-TABLE) "Dental caries")
(SETF (GETHASH '"521.1" ICD9-HASH-TABLE) "Excessive attrition")
(SETF (GETHASH '"521.2" ICD9-HASH-TABLE) "Abrasion")
(SETF (GETHASH '"521.3" ICD9-HASH-TABLE) "Erosion")
(SETF (GETHASH '"521.4" ICD9-HASH-TABLE) "Pathological resorption")
(SETF (GETHASH '"521.5" ICD9-HASH-TABLE) "Hypercementosis")
(SETF (GETHASH '"521.6" ICD9-HASH-TABLE) "Ankylosis of teeth")
(SETF (GETHASH '"521.7" ICD9-HASH-TABLE) "Posteruptive color changes")
(SETF (GETHASH '"521.8" ICD9-HASH-TABLE)
      "Other specified diseases of hard tissues of teeth")
(SETF (GETHASH '"521.9" ICD9-HASH-TABLE)
      "Unspecified disease of hard tissues of teeth")
(SETF (GETHASH '"522" ICD9-HASH-TABLE)
      "Diseases of pulp and periapical tissues")
(SETF (GETHASH '"522.0" ICD9-HASH-TABLE) "Pulpitis")
(SETF (GETHASH '"522.1" ICD9-HASH-TABLE) "Necrosis of the pulp")
(SETF (GETHASH '"522.2" ICD9-HASH-TABLE) "Pulp degeneration")
(SETF (GETHASH '"522.3" ICD9-HASH-TABLE)
      "Abnormal hard tissue formation in pulp")
(SETF (GETHASH '"522.4" ICD9-HASH-TABLE)
      "Acute apical periodontitis of pulpal origin")
(SETF (GETHASH '"522.5" ICD9-HASH-TABLE)
      "Periapical abscess without sinus")
(SETF (GETHASH '"522.6" ICD9-HASH-TABLE) "Chronic apical periodontitis")
(SETF (GETHASH '"522.7" ICD9-HASH-TABLE) "Periapical abscess with sinus")
(SETF (GETHASH '"522.8" ICD9-HASH-TABLE) "Radicular cyst")
(SETF (GETHASH '"522.9" ICD9-HASH-TABLE)
      "Other and unspecified diseases of pulp and periapical tissues")
(SETF (GETHASH '"523" ICD9-HASH-TABLE)
      "Gingival and periodontal diseases")
(SETF (GETHASH '"523.0" ICD9-HASH-TABLE) "Acute gingivitis")
(SETF (GETHASH '"523.1" ICD9-HASH-TABLE) "Chronic gingivitis")
(SETF (GETHASH '"523.2" ICD9-HASH-TABLE) "Gingival recession")
(SETF (GETHASH '"523.3" ICD9-HASH-TABLE) "Acute periodontitis")
(SETF (GETHASH '"523.4" ICD9-HASH-TABLE) "Chronic periodontitis")
(SETF (GETHASH '"523.5" ICD9-HASH-TABLE) "Periodontosis")
(SETF (GETHASH '"523.6" ICD9-HASH-TABLE) "Accretions on teeth")
(SETF (GETHASH '"523.8" ICD9-HASH-TABLE)
      "Other specified periodontal diseases")
(SETF (GETHASH '"523.9" ICD9-HASH-TABLE)
      "Unspecified gingival and periodontal disease")
(SETF (GETHASH '"524" ICD9-HASH-TABLE)
      "Dentofacial anomalies, including malocclusion")
(SETF (GETHASH '"524.0" ICD9-HASH-TABLE) "Major anomalies of jaw size")
(SETF (GETHASH '"524.00" ICD9-HASH-TABLE) "Unspecified anomaly")
(SETF (GETHASH '"524.01" ICD9-HASH-TABLE) "Maxillary hyperplasia")
(SETF (GETHASH '"524.02" ICD9-HASH-TABLE) "Mandibular hyperplasia")
(SETF (GETHASH '"524.03" ICD9-HASH-TABLE) "Maxillary hypoplasia")
(SETF (GETHASH '"524.04" ICD9-HASH-TABLE) "Mandibular hypoplasia")
(SETF (GETHASH '"524.05" ICD9-HASH-TABLE) "Macrogenia")
(SETF (GETHASH '"524.06" ICD9-HASH-TABLE) "Microgenia")
(SETF (GETHASH '"524.09" ICD9-HASH-TABLE) "Other specified anomaly")
(SETF (GETHASH '"524.1" ICD9-HASH-TABLE)
      "Anomalies of relationship of jaw to cranial base")
(SETF (GETHASH '"524.10" ICD9-HASH-TABLE) "Unspecified anomaly")
(SETF (GETHASH '"524.11" ICD9-HASH-TABLE) "Maxillary asymmetry")
(SETF (GETHASH '"524.12" ICD9-HASH-TABLE) "Other jaw asymmetry")
(SETF (GETHASH '"524.19" ICD9-HASH-TABLE) "Other specified anomaly")
(SETF (GETHASH '"524.2" ICD9-HASH-TABLE)
      "Anomalies of dental arch relationship")
(SETF (GETHASH '"524.3" ICD9-HASH-TABLE) "Anomalies of tooth position")
(SETF (GETHASH '"524.4" ICD9-HASH-TABLE) "Malocclusion, unspecified")
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(SETF (GETHASH '"524.5" ICD9-HASH-TABLE)
      "Dentofacial functional abnormalities")
(SETF (GETHASH '"524.6" ICD9-HASH-TABLE)
      "Temporomandibular joint disorders")
(SETF (GETHASH '"524.60" ICD9-HASH-TABLE)
      "Temporomandibular joint disorders, unspecified")
(SETF (GETHASH '"524.61" ICD9-HASH-TABLE)
      "Adhesions and ankylosis (bony or fibrous)")
(SETF (GETHASH '"524.62" ICD9-HASH-TABLE)
      "Arthralgia of temporomandibular joint")
(SETF (GETHASH '"524.63" ICD9-HASH-TABLE)
      "Articular disc disorder (reducing or nonreducing)")
(SETF (GETHASH '"524.69" ICD9-HASH-TABLE)
      "Other specified temporomandibular joint disorders")
(SETF (GETHASH '"524.7" ICD9-HASH-TABLE) "Dental alveolar anomalies")
(SETF (GETHASH '"524.70" ICD9-HASH-TABLE) "Unspecified alveolar anomaly")
(SETF (GETHASH '"524.71" ICD9-HASH-TABLE)
      "Alveolar maxillary hyperplasia")
(SETF (GETHASH '"524.72" ICD9-HASH-TABLE)
      "Alveolar mandibular hyperplasia")
(SETF (GETHASH '"524.73" ICD9-HASH-TABLE)
      "Alveolar maxillary hypoplasia")
(SETF (GETHASH '"524.74" ICD9-HASH-TABLE)
      "Alveolar mandibular hypoplasia")
(SETF (GETHASH '"524.79" ICD9-HASH-TABLE)
      "Other specified alveolar anomaly")
(SETF (GETHASH '"524.8" ICD9-HASH-TABLE)
      "Other specified dentofacial anomalies")
(SETF (GETHASH '"524.9" ICD9-HASH-TABLE)
      "Unspecified dentofacial anomalies")
(SETF (GETHASH '"525" ICD9-HASH-TABLE)
      "Other diseases and conditions of the teeth and supporting structures")
(SETF (GETHASH '"525.0" ICD9-HASH-TABLE)
      "Exfoliation of teeth due to systemic causes")
(SETF (GETHASH '"525.1" ICD9-HASH-TABLE)
      "Loss of teeth due to accident, extraction, or local periodontal disease")
(SETF (GETHASH '"525.2" ICD9-HASH-TABLE)
      "Atrophy of edentulous alveolar ridge")
(SETF (GETHASH '"525.3" ICD9-HASH-TABLE) "Retained dental root")
(SETF (GETHASH '"525.8" ICD9-HASH-TABLE)
      "Other specified disorders of the teeth and supporting structures")
(SETF (GETHASH '"525.9" ICD9-HASH-TABLE)
      "Unspecified disorder of the teeth and supporting structures")
(SETF (GETHASH '"526" ICD9-HASH-TABLE) "Diseases of the jaws")
(SETF (GETHASH '"526.0" ICD9-HASH-TABLE)
      "Developmental odontogenic cysts")
(SETF (GETHASH '"526.1" ICD9-HASH-TABLE) "Fissural cysts of jaw")
(SETF (GETHASH '"526.2" ICD9-HASH-TABLE) "Other cysts of jaws")
(SETF (GETHASH '"526.3" ICD9-HASH-TABLE)
      "Central giant cell (reparative) granuloma")
(SETF (GETHASH '"526.4" ICD9-HASH-TABLE) "Inflammatory conditions")
(SETF (GETHASH '"526.5" ICD9-HASH-TABLE) "Alveolitis of jaw")
(SETF (GETHASH '"526.8" ICD9-HASH-TABLE)
      "Other specified diseases of the jaws")
(SETF (GETHASH '"526.81" ICD9-HASH-TABLE) "Exostosis of jaw")
(SETF (GETHASH '"526.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"526.9" ICD9-HASH-TABLE)
      "Unspecified disease of the jaws")
(SETF (GETHASH '"527" ICD9-HASH-TABLE) "Diseases of the salivary glands")
(SETF (GETHASH '"527.0" ICD9-HASH-TABLE) "Atrophy")
(SETF (GETHASH '"527.1" ICD9-HASH-TABLE) "Hypertrophy")
(SETF (GETHASH '"527.2" ICD9-HASH-TABLE) "Sialoadenitis")
(SETF (GETHASH '"527.3" ICD9-HASH-TABLE) "Abscess")
(SETF (GETHASH '"527.4" ICD9-HASH-TABLE) "Fistula")
(SETF (GETHASH '"527.5" ICD9-HASH-TABLE) "Sialolithiasis")
(SETF (GETHASH '"527.6" ICD9-HASH-TABLE) "Mucocele")
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(SETF (GETHASH '"527.7" ICD9-HASH-TABLE)
      "Disturbance of salivary secretion")
(SETF (GETHASH '"527.8" ICD9-HASH-TABLE)
      "Other specified diseases of the salivary glands")
(SETF (GETHASH '"527.9" ICD9-HASH-TABLE)
      "Unspecified disease of the salivary glands")
(SETF (GETHASH '"528" ICD9-HASH-TABLE)
      "Diseases of the oral soft tissues, excluding lesions specific for gingiva and tongue")
(SETF (GETHASH '"528.0" ICD9-HASH-TABLE) "Stomatitis")
(SETF (GETHASH '"528.1" ICD9-HASH-TABLE) "Cancrum oris")
(SETF (GETHASH '"528.2" ICD9-HASH-TABLE) "Oral aphthae")
(SETF (GETHASH '"528.3" ICD9-HASH-TABLE) "Cellulitis and abscess")
(SETF (GETHASH '"528.4" ICD9-HASH-TABLE) "Cysts")
(SETF (GETHASH '"528.5" ICD9-HASH-TABLE) "Diseases of lips")
(SETF (GETHASH '"528.6" ICD9-HASH-TABLE)
      "Leukoplakia of oral mucosa, including tongue")
(SETF (GETHASH '"528.7" ICD9-HASH-TABLE)
      "Other disturbances of oral epithelium, including tongue")
(SETF (GETHASH '"528.8" ICD9-HASH-TABLE)
      "Oral submucosal fibrosis, including of tongue")
(SETF (GETHASH '"528.9" ICD9-HASH-TABLE)
      "Other and unspecified diseases of the oral soft tissues")
(SETF (GETHASH '"529" ICD9-HASH-TABLE)
      "Diseases and other conditions of the tongue")
(SETF (GETHASH '"529.0" ICD9-HASH-TABLE) "Glossitis")
(SETF (GETHASH '"529.1" ICD9-HASH-TABLE) "Geographic tongue")
(SETF (GETHASH '"529.2" ICD9-HASH-TABLE) "Median rhomboid glossitis")
(SETF (GETHASH '"529.3" ICD9-HASH-TABLE)
      "Hypertrophy of tongue papillae")
(SETF (GETHASH '"529.4" ICD9-HASH-TABLE) "Atrophy of tongue papillae")
(SETF (GETHASH '"529.5" ICD9-HASH-TABLE) "Plicated tongue")
(SETF (GETHASH '"529.6" ICD9-HASH-TABLE) "Glossodynia")
(SETF (GETHASH '"529.8" ICD9-HASH-TABLE)
      "Other specified conditions of the tongue")
(SETF (GETHASH '"529.9" ICD9-HASH-TABLE)
      "Unspecified condition of the tongue")
(SETF (GETHASH '"530" ICD9-HASH-TABLE) "Diseases of esophagus")
(SETF (GETHASH '"530.0" ICD9-HASH-TABLE) "Achalasia and cardiospasm")
(SETF (GETHASH '"530.1" ICD9-HASH-TABLE) "Esophagitis")
(SETF (GETHASH '"530.10" ICD9-HASH-TABLE) "Esophagitis, unspecified")
(SETF (GETHASH '"530.11" ICD9-HASH-TABLE) "Reflux esophagitis")
(SETF (GETHASH '"530.19" ICD9-HASH-TABLE) "Other esophagitis")
(SETF (GETHASH '"530.2" ICD9-HASH-TABLE) "Ulcer of esophagus")
(SETF (GETHASH '"530.3" ICD9-HASH-TABLE)
      "Stricture and stenosis of esophagus")
(SETF (GETHASH '"530.4" ICD9-HASH-TABLE) "Perforation of esophagus")
(SETF (GETHASH '"530.5" ICD9-HASH-TABLE) "Dyskinesia of esophagus")
(SETF (GETHASH '"530.6" ICD9-HASH-TABLE)
      "Diverticulum of esophagus, acquired")
(SETF (GETHASH '"530.7" ICD9-HASH-TABLE)
      "Gastroesophageal laceration-hemorrhage syndrome")
(SETF (GETHASH '"530.8" ICD9-HASH-TABLE)
      "Other specified disorders of esophagus")
(SETF (GETHASH '"530.81" ICD9-HASH-TABLE) "Esophageal reflux")
(SETF (GETHASH '"530.82" ICD9-HASH-TABLE) "Esophageal hemorrhage")
(SETF (GETHASH '"530.83" ICD9-HASH-TABLE) "Esophageal leukoplakia")
(SETF (GETHASH '"530.84" ICD9-HASH-TABLE) "Tracheoesophageal fistula")
(SETF (GETHASH '"530.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"530.9" ICD9-HASH-TABLE)
      "Unspecified disorder of esophagus")
(SETF (GETHASH '"531" ICD9-HASH-TABLE) "Gastric ulcer")
(SETF (GETHASH '"531.0" ICD9-HASH-TABLE) "Acute with hemorrhage")
(SETF (GETHASH '"531.1" ICD9-HASH-TABLE) "Acute with perforation")
(SETF (GETHASH '"531.2" ICD9-HASH-TABLE)
      "Acute with hemorrhage and perforation")
(SETF (GETHASH '"531.3" ICD9-HASH-TABLE)
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      "Acute without mention of hemorrhage or perforation")
(SETF (GETHASH '"531.4" ICD9-HASH-TABLE)
      "Chronic or unspecified with hemorrhage")
(SETF (GETHASH '"531.5" ICD9-HASH-TABLE)
      "Chronic or unspecified with perforation")
(SETF (GETHASH '"531.6" ICD9-HASH-TABLE)
      "Chronic or unspecified with hemorrhage and perforation")
(SETF (GETHASH '"531.7" ICD9-HASH-TABLE)
      "Chronic without mention of hemorrhage or perforation")
(SETF (GETHASH '"531.9" ICD9-HASH-TABLE)
      "Unspecified as acute or chronic, without mention of hemorrhage or perforation")
(SETF (GETHASH '"532" ICD9-HASH-TABLE) "Duodenal ulcer")
(SETF (GETHASH '"532.0" ICD9-HASH-TABLE) "Acute with hemorrhage")
(SETF (GETHASH '"532.1" ICD9-HASH-TABLE) "Acute with perforation")
(SETF (GETHASH '"532.2" ICD9-HASH-TABLE)
      "Acute with hemorrhage and perforation")
(SETF (GETHASH '"532.3" ICD9-HASH-TABLE)
      "Acute without mention of hemorrhage or perforation")
(SETF (GETHASH '"532.4" ICD9-HASH-TABLE)
      "Chronic or unspecified with hemorrhage")
(SETF (GETHASH '"532.5" ICD9-HASH-TABLE)
      "Chronic or unspecified with perforation")
(SETF (GETHASH '"532.6" ICD9-HASH-TABLE)
      "Chronic or unspecified with hemorrhage and perforation")
(SETF (GETHASH '"532.7" ICD9-HASH-TABLE)
      "Chronic without mention of hemorrhage or perforation")
(SETF (GETHASH '"532.9" ICD9-HASH-TABLE)
      "Unspecified as acute or chronic, without mention of hemorrhage or perforation")
(SETF (GETHASH '"533" ICD9-HASH-TABLE) "Peptic ulcer, site unspecified")
(SETF (GETHASH '"533.0" ICD9-HASH-TABLE) "Acute with hemorrhage")
(SETF (GETHASH '"533.1" ICD9-HASH-TABLE) "Acute with perforation")
(SETF (GETHASH '"533.2" ICD9-HASH-TABLE)
      "Acute with hemorrhage and perforation")
(SETF (GETHASH '"533.3" ICD9-HASH-TABLE)
      "Acute without mention of hemorrhage and perforation")
(SETF (GETHASH '"533.4" ICD9-HASH-TABLE)
      "Chronic or unspecified with hemorrhage")
(SETF (GETHASH '"533.5" ICD9-HASH-TABLE)
      "Chronic or unspecified with perforation")
(SETF (GETHASH '"533.6" ICD9-HASH-TABLE)
      "Chronic or unspecified with hemorrhage and perforation")
(SETF (GETHASH '"533.7" ICD9-HASH-TABLE)
      "Chronic without mention of hemorrhage or perforation")
(SETF (GETHASH '"533.9" ICD9-HASH-TABLE)
      "Unspecified as acute or chronic, without mention of hemorrhage or perforation")
(SETF (GETHASH '"534" ICD9-HASH-TABLE) "Gastrojejunal ulcer")
(SETF (GETHASH '"534.0" ICD9-HASH-TABLE) "Acute with hemorrhage")
(SETF (GETHASH '"534.1" ICD9-HASH-TABLE) "Acute with perforation")
(SETF (GETHASH '"534.2" ICD9-HASH-TABLE)
      "Acute with hemorrhage and perforation")
(SETF (GETHASH '"534.3" ICD9-HASH-TABLE)
      "Acute without mention of hemorrhage or perforation")
(SETF (GETHASH '"534.4" ICD9-HASH-TABLE)
      "Chronic or unspecified with hemorrhage")
(SETF (GETHASH '"534.5" ICD9-HASH-TABLE)
      "Chronic or unspecified with perforation")
(SETF (GETHASH '"534.6" ICD9-HASH-TABLE)
      "Chronic or unspecified with hemorrhage and perforation")
(SETF (GETHASH '"534.7" ICD9-HASH-TABLE)
      "Chronic without mention of hemorrhage or perforation")
(SETF (GETHASH '"534.9" ICD9-HASH-TABLE)
      "Unspecified as acute or chronic, without mention of hemorrhage or perforation")
(SETF (GETHASH '"535" ICD9-HASH-TABLE) "Gastritis and duodenitis")
(SETF (GETHASH '"535.0" ICD9-HASH-TABLE) "Acute gastritis")
(SETF (GETHASH '"535.1" ICD9-HASH-TABLE) "Atrophic gastritis")
(SETF (GETHASH '"535.2" ICD9-HASH-TABLE) "Gastric mucosal hypertrophy")
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(SETF (GETHASH '"535.3" ICD9-HASH-TABLE) "Alcoholic gastritis")
(SETF (GETHASH '"535.4" ICD9-HASH-TABLE) "Other specified gastritis")
(SETF (GETHASH '"535.5" ICD9-HASH-TABLE)
      "Unspecified gastritis and gastroduodenitis")
(SETF (GETHASH '"535.6" ICD9-HASH-TABLE) "Duodenitis")
(SETF (GETHASH '"536" ICD9-HASH-TABLE)
      "Disorders of function of stomach")
(SETF (GETHASH '"536.0" ICD9-HASH-TABLE) "Achlorhydria")
(SETF (GETHASH '"536.1" ICD9-HASH-TABLE) "Acute dilatation of stomach")
(SETF (GETHASH '"536.2" ICD9-HASH-TABLE) "Persistent vomiting")
(SETF (GETHASH '"536.3" ICD9-HASH-TABLE) "Gastroparesis")
(SETF (GETHASH '"536.8" ICD9-HASH-TABLE)
      "Dyspepsia and other specified disorders of function of stomach")
(SETF (GETHASH '"536.9" ICD9-HASH-TABLE)
      "Unspecified functional disorder of stomach")
(SETF (GETHASH '"537" ICD9-HASH-TABLE)
      "Other disorders of stomach and duodenum")
(SETF (GETHASH '"537.0" ICD9-HASH-TABLE)
      "Acquired hypertrophic pyloric stenosis")
(SETF (GETHASH '"537.1" ICD9-HASH-TABLE) "Gastric diverticulum")
(SETF (GETHASH '"537.2" ICD9-HASH-TABLE) "Chronic duodenal ileus")
(SETF (GETHASH '"537.3" ICD9-HASH-TABLE) "Other obstruction of duodenum")
(SETF (GETHASH '"537.4" ICD9-HASH-TABLE)
      "Fistula of stomach or duodenum")
(SETF (GETHASH '"537.5" ICD9-HASH-TABLE) "Gastroptosis")
(SETF (GETHASH '"537.6" ICD9-HASH-TABLE)
      "Hourglass stricture or stenosis of stomach")
(SETF (GETHASH '"537.8" ICD9-HASH-TABLE)
      "Other specified disorders of stomach and duodenum")
(SETF (GETHASH '"537.81" ICD9-HASH-TABLE) "Pylorospasm")
(SETF (GETHASH '"537.82" ICD9-HASH-TABLE)
      "Angiodysplasia of stomach and duodenum without mention of hemorrhage")
(SETF (GETHASH '"537.83" ICD9-HASH-TABLE)
      "Angiodysplasia of stomach and duodenum with hemorrhage")
(SETF (GETHASH '"537.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"537.9" ICD9-HASH-TABLE)
      "Unspecified disorder of stomach and duodenum")
(SETF (GETHASH '"540" ICD9-HASH-TABLE) "Acute appendicitis")
(SETF (GETHASH '"540.0" ICD9-HASH-TABLE) "With generalized peritonitis")
(SETF (GETHASH '"540.1" ICD9-HASH-TABLE) "With peritoneal abscess")
(SETF (GETHASH '"540.9" ICD9-HASH-TABLE)
      "Without mention of peritonitis")
(SETF (GETHASH '"541" ICD9-HASH-TABLE) "Appendicitis, unqualified")
(SETF (GETHASH '"542" ICD9-HASH-TABLE) "Other appendicitis")
(SETF (GETHASH '"543" ICD9-HASH-TABLE) "Other diseases of appendix")
(SETF (GETHASH '"543.0" ICD9-HASH-TABLE)
      "Hyperplasia of appendix (lymphoid)")
(SETF (GETHASH '"543.9" ICD9-HASH-TABLE)
      "Other and unspecified diseases of appendix")
(SETF (GETHASH '"550" ICD9-HASH-TABLE) "Inguinal hernia")
(SETF (GETHASH '"550.0" ICD9-HASH-TABLE)
      "Inguinal hernia, with gangrene")
(SETF (GETHASH '"550.1" ICD9-HASH-TABLE)
      "Inguinal hernia, with obstruction, without mention of gangrene")
(SETF (GETHASH '"550.9" ICD9-HASH-TABLE)
      "Inguinal hernia, without mention of obstruction or gangrene")
(SETF (GETHASH '"551" ICD9-HASH-TABLE)
      "Other hernia of abdominal cavity, with gangrene")
(SETF (GETHASH '"551.0" ICD9-HASH-TABLE) "Femoral hernia with gangrene")
(SETF (GETHASH '"551.00" ICD9-HASH-TABLE)
      "Unilateral or unspecified (not specified as recurrent)")
(SETF (GETHASH '"551.01" ICD9-HASH-TABLE)
      "Unilateral or unspecified, recurrent")
(SETF (GETHASH '"551.02" ICD9-HASH-TABLE)
      "Bilateral (not specified as recurrent)")
(SETF (GETHASH '"551.03" ICD9-HASH-TABLE) "Bilateral, recurrent")
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(SETF (GETHASH '"551.1" ICD9-HASH-TABLE)
      "Umbilical hernia with gangrene")
(SETF (GETHASH '"551.2" ICD9-HASH-TABLE) "Ventral hernia with gangrene")
(SETF (GETHASH '"551.20" ICD9-HASH-TABLE)
      "Ventral, unspecified, with gangrene")
(SETF (GETHASH '"551.21" ICD9-HASH-TABLE) "Incisional, with gangrene")
(SETF (GETHASH '"551.29" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"551.3" ICD9-HASH-TABLE)
      "Diaphragmatic hernia with gangrene")
(SETF (GETHASH '"551.8" ICD9-HASH-TABLE)
      "Hernia of other specified sites, with gangrene")
(SETF (GETHASH '"551.9" ICD9-HASH-TABLE)
      "Hernia of unspecified site, with gangrene")
(SETF (GETHASH '"552" ICD9-HASH-TABLE)
      "Other hernia of abdominal cavity, with obstruction, but without mention of gangrene")
(SETF (GETHASH '"552.0" ICD9-HASH-TABLE)
      "Femoral hernia with obstruction")
(SETF (GETHASH '"552.00" ICD9-HASH-TABLE)
      "Unilateral or unspecified (not specified as recurrent)")
(SETF (GETHASH '"552.01" ICD9-HASH-TABLE)
      "Unilateral or unspecified, recurrent")
(SETF (GETHASH '"552.02" ICD9-HASH-TABLE)
      "Bilateral (not specified as recurrent)")
(SETF (GETHASH '"552.03" ICD9-HASH-TABLE) "Bilateral, recurrent")
(SETF (GETHASH '"552.1" ICD9-HASH-TABLE)
      "Umbilical hernia with obstruction")
(SETF (GETHASH '"552.2" ICD9-HASH-TABLE)
      "Ventral hernia with obstruction")
(SETF (GETHASH '"552.20" ICD9-HASH-TABLE)
      "Ventral, unspecified, with obstruction")
(SETF (GETHASH '"552.21" ICD9-HASH-TABLE) "Incisional, with obstruction")
(SETF (GETHASH '"552.29" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"552.3" ICD9-HASH-TABLE)
      "Diaphragmatic hernia with obstruction")
(SETF (GETHASH '"552.8" ICD9-HASH-TABLE)
      "Hernia of other specified sites, with obstruction")
(SETF (GETHASH '"552.9" ICD9-HASH-TABLE)
      "Hernia of unspecified site, with obstruction")
(SETF (GETHASH '"553" ICD9-HASH-TABLE)
      "Other hernia of abdominal cavity without mention of obstruction or gangrene")
(SETF (GETHASH '"553.0" ICD9-HASH-TABLE) "Femoral hernia")
(SETF (GETHASH '"553.00" ICD9-HASH-TABLE)
      "Unilateral or unspecified (not specified as recurrent)")
(SETF (GETHASH '"553.01" ICD9-HASH-TABLE)
      "Unilateral or unspecified, recurrent")
(SETF (GETHASH '"553.02" ICD9-HASH-TABLE)
      "Bilateral (not specified as recurrent)")
(SETF (GETHASH '"553.03" ICD9-HASH-TABLE) "Bilateral, recurrent")
(SETF (GETHASH '"553.1" ICD9-HASH-TABLE) "Umbilical hernia")
(SETF (GETHASH '"553.2" ICD9-HASH-TABLE) "Ventral hernia")
(SETF (GETHASH '"553.20" ICD9-HASH-TABLE) "Ventral, unspecified")
(SETF (GETHASH '"553.21" ICD9-HASH-TABLE) "Incisional")
(SETF (GETHASH '"553.29" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"553.3" ICD9-HASH-TABLE) "Diaphragmatic hernia")
(SETF (GETHASH '"553.8" ICD9-HASH-TABLE)
      "Hernia of other specified sites")
(SETF (GETHASH '"553.9" ICD9-HASH-TABLE) "Hernia of unspecified site")
(SETF (GETHASH '"555" ICD9-HASH-TABLE) "Regional enteritis")
(SETF (GETHASH '"555.0" ICD9-HASH-TABLE) "Small intestine")
(SETF (GETHASH '"555.1" ICD9-HASH-TABLE) "Large intestine")
(SETF (GETHASH '"555.2" ICD9-HASH-TABLE)
      "Small intestine with large intestine")
(SETF (GETHASH '"555.9" ICD9-HASH-TABLE) "Unspecified site")
(SETF (GETHASH '"556" ICD9-HASH-TABLE) "Ulcerative colitis")
(SETF (GETHASH '"556.0" ICD9-HASH-TABLE)
      "Ulcerative (chronic) enterocolitis")
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(SETF (GETHASH '"556.1" ICD9-HASH-TABLE)
      "Ulcerative (chronic) ileocolitis")
(SETF (GETHASH '"556.2" ICD9-HASH-TABLE)
      "Ulcerative (chronic) proctitis")
(SETF (GETHASH '"556.3" ICD9-HASH-TABLE)
      "Ulcerative (chronic) proctosigmoiditis")
(SETF (GETHASH '"556.4" ICD9-HASH-TABLE) "Pseudopolyposis of colon")
(SETF (GETHASH '"556.5" ICD9-HASH-TABLE)
      "Left-sided ulcerative (chronic) colitis")
(SETF (GETHASH '"556.6" ICD9-HASH-TABLE)
      "Universal ulcerative (chronic) colitis")
(SETF (GETHASH '"556.8" ICD9-HASH-TABLE) "Other ulcerative colitis")
(SETF (GETHASH '"556.9" ICD9-HASH-TABLE)
      "Ulcerative colitis, unspecified")
(SETF (GETHASH '"557" ICD9-HASH-TABLE)
      "Vascular insufficiency of intestine")
(SETF (GETHASH '"557.0" ICD9-HASH-TABLE)
      "Acute vascular insufficiency of intestine")
(SETF (GETHASH '"557.1" ICD9-HASH-TABLE)
      "Chronic vascular insufficiency of intestine")
(SETF (GETHASH '"557.9" ICD9-HASH-TABLE)
      "Unspecified vascular insufficiency of intestine")
(SETF (GETHASH '"558" ICD9-HASH-TABLE)
      "Other noninfectious gastroenteritis and colitis")
(SETF (GETHASH '"558.1" ICD9-HASH-TABLE)
      "Gastroenteritis and colitis due to radiation")
(SETF (GETHASH '"558.2" ICD9-HASH-TABLE)
      "Toxic gastroenteritis and colitis")
(SETF (GETHASH '"558.9" ICD9-HASH-TABLE)
      "Other and unspecified noninfectious gastroenteritis and colitis")
(SETF (GETHASH '"560" ICD9-HASH-TABLE)
      "Intestinal obstruction without mention of hernia")
(SETF (GETHASH '"560.0" ICD9-HASH-TABLE) "Intussusception")
(SETF (GETHASH '"560.1" ICD9-HASH-TABLE) "Paralytic ileus")
(SETF (GETHASH '"560.2" ICD9-HASH-TABLE) "Volvulus")
(SETF (GETHASH '"560.3" ICD9-HASH-TABLE) "Impaction of intestine")
(SETF (GETHASH '"560.30" ICD9-HASH-TABLE)
      "Impaction of intestine, unspecified")
(SETF (GETHASH '"560.31" ICD9-HASH-TABLE) "Gallstone ileus")
(SETF (GETHASH '"560.39" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"560.8" ICD9-HASH-TABLE)
      "Other specified intestinal obstruction")
(SETF (GETHASH '"560.81" ICD9-HASH-TABLE)
      "Intestinal or peritoneal adhesions with obstruction (postoperative) (postinfective)")
(SETF (GETHASH '"560.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"560.9" ICD9-HASH-TABLE)
      "Unspecified intestinal obstruction")
(SETF (GETHASH '"562" ICD9-HASH-TABLE) "Diverticula of intestine")
(SETF (GETHASH '"562.0" ICD9-HASH-TABLE) "Small intestine")
(SETF (GETHASH '"562.00" ICD9-HASH-TABLE)
      "Diverticulosis of small intestine (without mention of hemorrhage)")
(SETF (GETHASH '"562.01" ICD9-HASH-TABLE)
      "Diverticulitis of small intestine (without mention of hemorrhage)")
(SETF (GETHASH '"562.02" ICD9-HASH-TABLE)
      "Diverticulosis of small intestine with hemorrhage")
(SETF (GETHASH '"562.03" ICD9-HASH-TABLE)
      "Diverticulitis of small intestine with hemorrhage")
(SETF (GETHASH '"562.1" ICD9-HASH-TABLE) "Colon")
(SETF (GETHASH '"562.10" ICD9-HASH-TABLE)
      "Diverticulosis of colon (without mention of hemorrhage)")
(SETF (GETHASH '"562.11" ICD9-HASH-TABLE)
      "Diverticulitis of colon without mention of hemorrhage")
(SETF (GETHASH '"562.12" ICD9-HASH-TABLE)
      "Diverticulosis of colon with hemorrhage")
(SETF (GETHASH '"562.13" ICD9-HASH-TABLE)
      "Diverticulitis of colon with hemorrhage")
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(SETF (GETHASH '"564" ICD9-HASH-TABLE)
      "Functional digestive disorders, not elsewhere classified")
(SETF (GETHASH '"564.0" ICD9-HASH-TABLE) "Constipation")
(SETF (GETHASH '"564.1" ICD9-HASH-TABLE) "Irritable colon")
(SETF (GETHASH '"564.2" ICD9-HASH-TABLE) "Postgastric surgery syndromes")
(SETF (GETHASH '"564.3" ICD9-HASH-TABLE)
      "Vomiting following gastrointestinal surgery")
(SETF (GETHASH '"564.4" ICD9-HASH-TABLE)
      "Other postoperative functional disorders")
(SETF (GETHASH '"564.5" ICD9-HASH-TABLE) "Functional diarrhea")
(SETF (GETHASH '"564.6" ICD9-HASH-TABLE) "Anal spasm")
(SETF (GETHASH '"564.7" ICD9-HASH-TABLE)
      "Megacolon, other than Hirschsprung's")
(SETF (GETHASH '"564.9" ICD9-HASH-TABLE)
      "Unspecified functional disorder of intestine")
(SETF (GETHASH '"565" ICD9-HASH-TABLE) "Anal fissure and fistula")
(SETF (GETHASH '"565.0" ICD9-HASH-TABLE) "Anal fissure")
(SETF (GETHASH '"565.1" ICD9-HASH-TABLE) "Anal fistula")
(SETF (GETHASH '"566" ICD9-HASH-TABLE)
      "Abscess of anal and rectal regions")
(SETF (GETHASH '"567" ICD9-HASH-TABLE) "Peritonitis")
(SETF (GETHASH '"567.1" ICD9-HASH-TABLE) "Pneumococcal peritonitis")
(SETF (GETHASH '"567.2" ICD9-HASH-TABLE) "Other suppurative peritonitis")
(SETF (GETHASH '"567.8" ICD9-HASH-TABLE) "Other specified peritonitis")
(SETF (GETHASH '"567.9" ICD9-HASH-TABLE) "Unspecified peritonitis")
(SETF (GETHASH '"568" ICD9-HASH-TABLE) "Other disorders of peritoneum")
(SETF (GETHASH '"568.0" ICD9-HASH-TABLE)
      "Peritoneal adhesions (postoperative) (postinfective)")
(SETF (GETHASH '"568.8" ICD9-HASH-TABLE)
      "Other specified disorders of peritoneum")
(SETF (GETHASH '"568.81" ICD9-HASH-TABLE)
      "Hemoperitoneum (nontraumatic)")
(SETF (GETHASH '"568.82" ICD9-HASH-TABLE)
      "Peritoneal effusion (chronic)")
(SETF (GETHASH '"568.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"568.9" ICD9-HASH-TABLE)
      "Unspecified disorder of peritoneum")
(SETF (GETHASH '"569" ICD9-HASH-TABLE) "Other disorders of intestine")
(SETF (GETHASH '"569.0" ICD9-HASH-TABLE) "Anal and rectal polyp")
(SETF (GETHASH '"569.1" ICD9-HASH-TABLE) "Rectal prolapse")
(SETF (GETHASH '"569.2" ICD9-HASH-TABLE) "Stenosis of rectum and anus")
(SETF (GETHASH '"569.3" ICD9-HASH-TABLE) "Hemorrhage of rectum and anus")
(SETF (GETHASH '"569.4" ICD9-HASH-TABLE)
      "Other specified disorders of rectum and anus")
(SETF (GETHASH '"569.41" ICD9-HASH-TABLE) "Ulcer of anus and rectum")
(SETF (GETHASH '"569.42" ICD9-HASH-TABLE) "Anal or rectal pain")
(SETF (GETHASH '"569.49" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"569.5" ICD9-HASH-TABLE) "Abscess of intestine")
(SETF (GETHASH '"569.6" ICD9-HASH-TABLE)
      "Colostomy and enterostomy complications")
(SETF (GETHASH '"569.60" ICD9-HASH-TABLE) "Unspecified complication")
(SETF (GETHASH '"569.61" ICD9-HASH-TABLE)
      "Infection of colostomy or enterostomy")
(SETF (GETHASH '"569.69" ICD9-HASH-TABLE) "Other complication")
(SETF (GETHASH '"569.8" ICD9-HASH-TABLE)
      "Other specified disorders of intestine")
(SETF (GETHASH '"569.81" ICD9-HASH-TABLE)
      "Fistula of intestine, excluding rectum and anus")
(SETF (GETHASH '"569.82" ICD9-HASH-TABLE) "Ulceration of intestine")
(SETF (GETHASH '"569.83" ICD9-HASH-TABLE) "Perforation of intestine")
(SETF (GETHASH '"569.84" ICD9-HASH-TABLE)
      "Angiodysplasia of intestine (without mention of hemorrhage)")
(SETF (GETHASH '"569.85" ICD9-HASH-TABLE)
      "Angiodysplasia of intestine with hemorrhage")
(SETF (GETHASH '"569.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"569.9" ICD9-HASH-TABLE)
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      "Unspecified disorder of intestine")
(SETF (GETHASH '"570" ICD9-HASH-TABLE)
      "Acute and subacute necrosis of liver")
(SETF (GETHASH '"571" ICD9-HASH-TABLE)
      "Chronic liver disease and cirrhosis")
(SETF (GETHASH '"571.0" ICD9-HASH-TABLE) "Alcoholic fatty liver")
(SETF (GETHASH '"571.1" ICD9-HASH-TABLE) "Acute alcoholic hepatitis")
(SETF (GETHASH '"571.2" ICD9-HASH-TABLE) "Alcoholic cirrhosis of liver")
(SETF (GETHASH '"571.3" ICD9-HASH-TABLE)
      "Alcoholic liver damage, unspecified")
(SETF (GETHASH '"571.4" ICD9-HASH-TABLE) "Chronic hepatitis")
(SETF (GETHASH '"571.40" ICD9-HASH-TABLE)
      "Chronic hepatitis, unspecified")
(SETF (GETHASH '"571.41" ICD9-HASH-TABLE) "Chronic persistent hepatitis")
(SETF (GETHASH '"571.49" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"571.5" ICD9-HASH-TABLE)
      "Cirrhosis of liver without mention of alcohol")
(SETF (GETHASH '"571.6" ICD9-HASH-TABLE) "Biliary cirrhosis")
(SETF (GETHASH '"571.8" ICD9-HASH-TABLE)
      "Other chronic nonalcoholic liver disease")
(SETF (GETHASH '"571.9" ICD9-HASH-TABLE)
      "Unspecified chronic liver disease without mention of alcohol")
(SETF (GETHASH '"572" ICD9-HASH-TABLE)
      "Liver abscess and sequelae of chronic liver disease")
(SETF (GETHASH '"572.0" ICD9-HASH-TABLE) "Abscess of liver")
(SETF (GETHASH '"572.1" ICD9-HASH-TABLE) "Portal pyemia")
(SETF (GETHASH '"572.2" ICD9-HASH-TABLE) "Hepatic coma")
(SETF (GETHASH '"572.3" ICD9-HASH-TABLE) "Portal hypertension")
(SETF (GETHASH '"572.4" ICD9-HASH-TABLE) "Hepatorenal syndrome")
(SETF (GETHASH '"572.8" ICD9-HASH-TABLE)
      "Other sequelae of chronic liver disease")
(SETF (GETHASH '"573" ICD9-HASH-TABLE) "Other disorders of liver")
(SETF (GETHASH '"573.0" ICD9-HASH-TABLE)
      "Chronic passive congestion of liver")
(SETF (GETHASH '"573.1" ICD9-HASH-TABLE)
      "Hepatitis in viral diseases classified elsewhere")
(SETF (GETHASH '"573.2" ICD9-HASH-TABLE)
      "Hepatitis in other infectious diseases classified elsewhere")
(SETF (GETHASH '"573.3" ICD9-HASH-TABLE) "Hepatitis, unspecified")
(SETF (GETHASH '"573.4" ICD9-HASH-TABLE) "Hepatic infarction")
(SETF (GETHASH '"573.8" ICD9-HASH-TABLE)
      "Other specified disorders of liver")
(SETF (GETHASH '"573.9" ICD9-HASH-TABLE) "Unspecified disorder of liver")
(SETF (GETHASH '"574" ICD9-HASH-TABLE) "Cholelithiasis")
(SETF (GETHASH '"574.0" ICD9-HASH-TABLE)
      "Calculus of gallbladder with acute cholecystitis")
(SETF (GETHASH '"574.1" ICD9-HASH-TABLE)
      "Calculus of gallbladder with other cholecystitis")
(SETF (GETHASH '"574.2" ICD9-HASH-TABLE)
      "Calculus of gallbladder without mention of cholecystitis")
(SETF (GETHASH '"574.3" ICD9-HASH-TABLE)
      "Calculus of bile duct with acute cholecystitis")
(SETF (GETHASH '"574.4" ICD9-HASH-TABLE)
      "Calculus of bile duct with other cholecystitis")
(SETF (GETHASH '"574.5" ICD9-HASH-TABLE)
      "Calculus of bile duct without mention of cholecystitis")
(SETF (GETHASH '"574.6" ICD9-HASH-TABLE)
      "Calculus of gallbladder and bile duct with acute cholecystitis")
(SETF (GETHASH '"574.7" ICD9-HASH-TABLE)
      "Calculus of gallbladder and bile duct with other cholecystitis")
(SETF (GETHASH '"574.8" ICD9-HASH-TABLE)
      "Calculus of gallbladder and bile duct with acute and chronic cholecystitis")
(SETF (GETHASH '"574.9" ICD9-HASH-TABLE)
      "Calculus of gallbladder and bile duct without cholecystitis")
(SETF (GETHASH '"575" ICD9-HASH-TABLE) "Other disorders of gallbladder")
(SETF (GETHASH '"575.0" ICD9-HASH-TABLE) "Acute cholecystitis")
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(SETF (GETHASH '"575.1" ICD9-HASH-TABLE) "Other cholecystitis")
(SETF (GETHASH '"575.10" ICD9-HASH-TABLE) "Cholecystitis, unspecified")
(SETF (GETHASH '"575.11" ICD9-HASH-TABLE) "Chronic cholecystitis")
(SETF (GETHASH '"575.12" ICD9-HASH-TABLE)
      "Acute and chronic cholecystitis")
(SETF (GETHASH '"575.2" ICD9-HASH-TABLE) "Obstruction of gallbladder")
(SETF (GETHASH '"575.3" ICD9-HASH-TABLE) "Hydrops of gallbladder")
(SETF (GETHASH '"575.4" ICD9-HASH-TABLE) "Perforation of gallbladder")
(SETF (GETHASH '"575.5" ICD9-HASH-TABLE) "Fistula of gallbladder")
(SETF (GETHASH '"575.6" ICD9-HASH-TABLE)
      "Cholesterolosis of gallbladder")
(SETF (GETHASH '"575.8" ICD9-HASH-TABLE)
      "Other specified disorders of gallbladder")
(SETF (GETHASH '"575.9" ICD9-HASH-TABLE)
      "Unspecified disorder of gallbladder")
(SETF (GETHASH '"576" ICD9-HASH-TABLE)
      "Other disorders of biliary tract")
(SETF (GETHASH '"576.0" ICD9-HASH-TABLE) "Postcholecystectomy syndrome")
(SETF (GETHASH '"576.1" ICD9-HASH-TABLE) "Cholangitis")
(SETF (GETHASH '"576.2" ICD9-HASH-TABLE) "Obstruction of bile duct")
(SETF (GETHASH '"576.3" ICD9-HASH-TABLE) "Perforation of bile duct")
(SETF (GETHASH '"576.4" ICD9-HASH-TABLE) "Fistula of bile duct")
(SETF (GETHASH '"576.5" ICD9-HASH-TABLE) "Spasm of sphincter of Oddi")
(SETF (GETHASH '"576.8" ICD9-HASH-TABLE)
      "Other specified disorders of biliary tract")
(SETF (GETHASH '"576.9" ICD9-HASH-TABLE)
      "Unspecified disorder of biliary tract")
(SETF (GETHASH '"577" ICD9-HASH-TABLE) "Diseases of pancreas")
(SETF (GETHASH '"577.0" ICD9-HASH-TABLE) "Acute pancreatitis")
(SETF (GETHASH '"577.1" ICD9-HASH-TABLE) "Chronic pancreatitis")
(SETF (GETHASH '"577.2" ICD9-HASH-TABLE)
      "Cyst and pseudocyst of pancreas")
(SETF (GETHASH '"577.8" ICD9-HASH-TABLE)
      "Other specified diseases of pancreas")
(SETF (GETHASH '"577.9" ICD9-HASH-TABLE)
      "Unspecified disease of pancreas")
(SETF (GETHASH '"578" ICD9-HASH-TABLE) "Gastrointestinal hemorrhage")
(SETF (GETHASH '"578.0" ICD9-HASH-TABLE) "Hematemesis")
(SETF (GETHASH '"578.1" ICD9-HASH-TABLE) "Blood in stool")
(SETF (GETHASH '"578.9" ICD9-HASH-TABLE)
      "Hemorrhage of gastrointestinal tract, unspecified")
(SETF (GETHASH '"579" ICD9-HASH-TABLE) "Intestinal malabsorption")
(SETF (GETHASH '"579.0" ICD9-HASH-TABLE) "Celiac disease")
(SETF (GETHASH '"579.1" ICD9-HASH-TABLE) "Tropical sprue")
(SETF (GETHASH '"579.2" ICD9-HASH-TABLE) "Blind loop syndrome")
(SETF (GETHASH '"579.3" ICD9-HASH-TABLE)
      "Other and unspecified postsurgical nonabsorption")
(SETF (GETHASH '"579.4" ICD9-HASH-TABLE) "Pancreatic steatorrhea")
(SETF (GETHASH '"579.8" ICD9-HASH-TABLE)
      "Other specified intestinal malabsorption")
(SETF (GETHASH '"579.9" ICD9-HASH-TABLE)
      "Unspecified intestinal malabsorption")
(SETF (GETHASH '"580" ICD9-HASH-TABLE) "Acute glomerulonephritis")
(SETF (GETHASH '"580.0" ICD9-HASH-TABLE)
      "With lesion of proliferative glomerulonephritis")
(SETF (GETHASH '"580.4" ICD9-HASH-TABLE)
      "With lesion of rapidly progressive glomerulonephritis")
(SETF (GETHASH '"580.8" ICD9-HASH-TABLE)
      "With other specified pathological lesion in kidney")
(SETF (GETHASH '"580.81" ICD9-HASH-TABLE)
      "Acute glomerulonephritis in diseases classified elsewhere")
(SETF (GETHASH '"580.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"580.9" ICD9-HASH-TABLE)
      "Acute glomerulonephritis with unspecified pathological lesion in kidney")
(SETF (GETHASH '"581" ICD9-HASH-TABLE) "Nephrotic syndrome")
(SETF (GETHASH '"581.0" ICD9-HASH-TABLE)
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      "With lesion of proliferative glomerulonephritis")
(SETF (GETHASH '"581.1" ICD9-HASH-TABLE)
      "With lesion of membranous glomerulonephritis")
(SETF (GETHASH '"581.2" ICD9-HASH-TABLE)
      "With lesion of membranoproliferative glomerulonephritis")
(SETF (GETHASH '"581.3" ICD9-HASH-TABLE)
      "With lesion of minimal change glomerulonephritis")
(SETF (GETHASH '"581.8" ICD9-HASH-TABLE)
      "With other specified pathological lesion in kidney")
(SETF (GETHASH '"581.81" ICD9-HASH-TABLE)
      "Nephrotic syndrome in diseases classified elsewhere")
(SETF (GETHASH '"581.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"581.9" ICD9-HASH-TABLE)
      "Nephrotic syndrome with unspecified pathological lesion in kidney")
(SETF (GETHASH '"582" ICD9-HASH-TABLE) "Chronic glomerulonephritis")
(SETF (GETHASH '"582.0" ICD9-HASH-TABLE)
      "With lesion of proliferative glomerulonephritis")
(SETF (GETHASH '"582.1" ICD9-HASH-TABLE)
      "With lesion of membranous glomerulonephritis")
(SETF (GETHASH '"582.2" ICD9-HASH-TABLE)
      "With lesion of membranoproliferative glomerulonephritis")
(SETF (GETHASH '"582.4" ICD9-HASH-TABLE)
      "With lesion of rapidly progressive glomerulonephritis")
(SETF (GETHASH '"582.8" ICD9-HASH-TABLE)
      "With other specified pathological lesion in kidney")
(SETF (GETHASH '"582.81" ICD9-HASH-TABLE)
      "Chronic glomerulonephritis in diseases classified elsewhere")
(SETF (GETHASH '"582.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"582.9" ICD9-HASH-TABLE)
      "Chronic glomerulonephritis with unspecified pathological lesion in kidney")
(SETF (GETHASH '"583" ICD9-HASH-TABLE)
      "Nephritis and nephropathy, not specified as acute or chronic")
(SETF (GETHASH '"583.0" ICD9-HASH-TABLE)
      "With lesion of proliferative glomerulonephritis")
(SETF (GETHASH '"583.1" ICD9-HASH-TABLE)
      "With lesion of membranous glomerulonephritis")
(SETF (GETHASH '"583.2" ICD9-HASH-TABLE)
      "With lesion of membranoproliferative glomerulonephritis")
(SETF (GETHASH '"583.4" ICD9-HASH-TABLE)
      "With lesion of rapidly progressive glomerulonephritis")
(SETF (GETHASH '"583.6" ICD9-HASH-TABLE)
      "With lesion of renal cortical necrosis")
(SETF (GETHASH '"583.7" ICD9-HASH-TABLE)
      "With lesion of renal medullary necrosis")
(SETF (GETHASH '"583.8" ICD9-HASH-TABLE)
      "With other specified pathological lesion in kidney")
(SETF (GETHASH '"583.81" ICD9-HASH-TABLE)
      "Nephritis and nephropathy, not specified as acute or chronic, in diseases classified elsewhere")
(SETF (GETHASH '"583.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"583.9" ICD9-HASH-TABLE)
      "With unspecified pathological lesion in kidney")
(SETF (GETHASH '"584" ICD9-HASH-TABLE) "Acute renal failure")
(SETF (GETHASH '"584.5" ICD9-HASH-TABLE)
      "With lesion of tubular necrosis")
(SETF (GETHASH '"584.6" ICD9-HASH-TABLE)
      "With lesion of renal cortical necrosis")
(SETF (GETHASH '"584.7" ICD9-HASH-TABLE)
      "With lesion of renal medullary [papillary] necrosis")
(SETF (GETHASH '"584.8" ICD9-HASH-TABLE)
      "With other specified pathological lesion in kidney")
(SETF (GETHASH '"584.9" ICD9-HASH-TABLE)
      "Acute renal failure, unspecified")
(SETF (GETHASH '"585" ICD9-HASH-TABLE) "Chronic renal failure")
(SETF (GETHASH '"586" ICD9-HASH-TABLE) "Renal failure, unspecified")
(SETF (GETHASH '"587" ICD9-HASH-TABLE) "Renal sclerosis, unspecified")
(SETF (GETHASH '"588" ICD9-HASH-TABLE)
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      "Disorders resulting from impaired renal function")
(SETF (GETHASH '"588.0" ICD9-HASH-TABLE) "Renal osteodystrophy")
(SETF (GETHASH '"588.1" ICD9-HASH-TABLE)
      "Nephrogenic diabetes insipidus")
(SETF (GETHASH '"588.8" ICD9-HASH-TABLE)
      "Other specified disorders resulting from impaired renal function")
(SETF (GETHASH '"588.9" ICD9-HASH-TABLE)
      "Unspecified disorder resulting from impaired renal function")
(SETF (GETHASH '"589" ICD9-HASH-TABLE) "Small kidney of unknown cause")
(SETF (GETHASH '"589.0" ICD9-HASH-TABLE) "Unilateral small kidney")
(SETF (GETHASH '"589.1" ICD9-HASH-TABLE) "Bilateral small kidneys")
(SETF (GETHASH '"589.9" ICD9-HASH-TABLE) "Small kidney, unspecified")
(SETF (GETHASH '"590" ICD9-HASH-TABLE) "Infections of kidney")
(SETF (GETHASH '"590.0" ICD9-HASH-TABLE) "Chronic pyelonephritis")
(SETF (GETHASH '"590.00" ICD9-HASH-TABLE)
      "Without lesion of renal medullary necrosis")
(SETF (GETHASH '"590.01" ICD9-HASH-TABLE)
      "With lesion of renal medullary necrosis")
(SETF (GETHASH '"590.1" ICD9-HASH-TABLE) "Acute pyelonephritis")
(SETF (GETHASH '"590.10" ICD9-HASH-TABLE)
      "Without lesion of renal medullary necrosis")
(SETF (GETHASH '"590.11" ICD9-HASH-TABLE)
      "With lesion of renal medullary necrosis")
(SETF (GETHASH '"590.2" ICD9-HASH-TABLE) "Renal and perinephric abscess")
(SETF (GETHASH '"590.3" ICD9-HASH-TABLE) "Pyeloureteritis cystica")
(SETF (GETHASH '"590.8" ICD9-HASH-TABLE)
      "Other pyelonephritis or pyonephrosis, not specified as acute or chronic")
(SETF (GETHASH '"590.80" ICD9-HASH-TABLE) "Pyelonephritis, unspecified")
(SETF (GETHASH '"590.81" ICD9-HASH-TABLE)
      "Pyelitis or pyelonephritis in diseases classified elsewhere")
(SETF (GETHASH '"590.9" ICD9-HASH-TABLE)
      "Infection of kidney, unspecified")
(SETF (GETHASH '"591" ICD9-HASH-TABLE) "Hydronephrosis")
(SETF (GETHASH '"592" ICD9-HASH-TABLE) "Calculus of kidney and ureter")
(SETF (GETHASH '"592.0" ICD9-HASH-TABLE) "Calculus of kidney")
(SETF (GETHASH '"592.1" ICD9-HASH-TABLE) "Calculus of ureter")
(SETF (GETHASH '"592.9" ICD9-HASH-TABLE) "Urinary calculus, unspecified")
(SETF (GETHASH '"593" ICD9-HASH-TABLE)
      "Other disorders of kidney and ureter")
(SETF (GETHASH '"593.0" ICD9-HASH-TABLE) "Nephroptosis")
(SETF (GETHASH '"593.1" ICD9-HASH-TABLE) "Hypertrophy of kidney")
(SETF (GETHASH '"593.2" ICD9-HASH-TABLE) "Cyst of kidney, acquired")
(SETF (GETHASH '"593.3" ICD9-HASH-TABLE)
      "Stricture or kinking of ureter")
(SETF (GETHASH '"593.4" ICD9-HASH-TABLE) "Other ureteric obstruction")
(SETF (GETHASH '"593.5" ICD9-HASH-TABLE) "Hydroureter")
(SETF (GETHASH '"593.6" ICD9-HASH-TABLE) "Postural proteinuria")
(SETF (GETHASH '"593.7" ICD9-HASH-TABLE) "Vesicoureteral reflux")
(SETF (GETHASH '"593.70" ICD9-HASH-TABLE)
      "Unspecified or without reflux nephropathy")
(SETF (GETHASH '"593.71" ICD9-HASH-TABLE)
      "With reflux nephropathy, unilateral")
(SETF (GETHASH '"593.72" ICD9-HASH-TABLE)
      "With reflux nephropathy, bilateral")
(SETF (GETHASH '"593.73" ICD9-HASH-TABLE) "With reflux nephropathy NOS")
(SETF (GETHASH '"593.8" ICD9-HASH-TABLE)
      "Other specified disorders of kidney and ureter")
(SETF (GETHASH '"593.81" ICD9-HASH-TABLE) "Vascular disorders of kidney")
(SETF (GETHASH '"593.82" ICD9-HASH-TABLE) "Ureteral fistula")
(SETF (GETHASH '"593.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"593.9" ICD9-HASH-TABLE)
      "Unspecified disorder of kidney and ureter")
(SETF (GETHASH '"594" ICD9-HASH-TABLE) "Calculus of lower urinary tract")
(SETF (GETHASH '"594.0" ICD9-HASH-TABLE)
      "Calculus in diverticulum of bladder")
(SETF (GETHASH '"594.1" ICD9-HASH-TABLE) "Other calculus in bladder")
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(SETF (GETHASH '"594.2" ICD9-HASH-TABLE) "Calculus in urethra")
(SETF (GETHASH '"594.8" ICD9-HASH-TABLE)
      "Other lower urinary tract calculus")
(SETF (GETHASH '"594.9" ICD9-HASH-TABLE)
      "Calculus of lower urinary tract, unspecified")
(SETF (GETHASH '"595" ICD9-HASH-TABLE) "Cystitis")
(SETF (GETHASH '"595.0" ICD9-HASH-TABLE) "Acute cystitis")
(SETF (GETHASH '"595.1" ICD9-HASH-TABLE) "Chronic interstitial cystitis")
(SETF (GETHASH '"595.2" ICD9-HASH-TABLE) "Other chronic cystitis")
(SETF (GETHASH '"595.3" ICD9-HASH-TABLE) "Trigonitis")
(SETF (GETHASH '"595.4" ICD9-HASH-TABLE)
      "Cystitis in diseases classified elsewhere")
(SETF (GETHASH '"595.8" ICD9-HASH-TABLE)
      "Other specified types of cystitis")
(SETF (GETHASH '"595.81" ICD9-HASH-TABLE) "Cystitis cystica")
(SETF (GETHASH '"595.82" ICD9-HASH-TABLE) "Irradiation cystitis")
(SETF (GETHASH '"595.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"595.9" ICD9-HASH-TABLE) "Cystitis, unspecified")
(SETF (GETHASH '"596" ICD9-HASH-TABLE) "Other disorders of bladder")
(SETF (GETHASH '"596.0" ICD9-HASH-TABLE) "Bladder neck obstruction")
(SETF (GETHASH '"596.1" ICD9-HASH-TABLE) "Intestinovesical fistula")
(SETF (GETHASH '"596.2" ICD9-HASH-TABLE)
      "Vesical fistula, not elsewhere classified")
(SETF (GETHASH '"596.3" ICD9-HASH-TABLE) "Diverticulum of bladder")
(SETF (GETHASH '"596.4" ICD9-HASH-TABLE) "Atony of bladder")
(SETF (GETHASH '"596.5" ICD9-HASH-TABLE)
      "Other functional disorders of bladder")
(SETF (GETHASH '"596.51" ICD9-HASH-TABLE) "Hypertonicity of bladder")
(SETF (GETHASH '"596.52" ICD9-HASH-TABLE) "Low bladder compliance")
(SETF (GETHASH '"596.53" ICD9-HASH-TABLE) "Paralysis of bladder")
(SETF (GETHASH '"596.54" ICD9-HASH-TABLE) "Neurogenic bladder NOS")
(SETF (GETHASH '"596.55" ICD9-HASH-TABLE)
      "Detrusor sphincter dyssynergia")
(SETF (GETHASH '"596.59" ICD9-HASH-TABLE)
      "Other functional disorder of bladder")
(SETF (GETHASH '"596.6" ICD9-HASH-TABLE)
      "Rupture of bladder, nontraumatic")
(SETF (GETHASH '"596.7" ICD9-HASH-TABLE) "Hemorrhage into bladder wall")
(SETF (GETHASH '"596.8" ICD9-HASH-TABLE)
      "Other specified disorders of bladder")
(SETF (GETHASH '"596.9" ICD9-HASH-TABLE)
      "Unspecified disorder of bladder")
(SETF (GETHASH '"597" ICD9-HASH-TABLE)
      "Urethritis, not sexually transmitted, and urethral syndrome")
(SETF (GETHASH '"597.0" ICD9-HASH-TABLE) "Urethral abscess")
(SETF (GETHASH '"597.8" ICD9-HASH-TABLE) "Other urethritis")
(SETF (GETHASH '"597.80" ICD9-HASH-TABLE) "Urethritis, unspecified")
(SETF (GETHASH '"597.81" ICD9-HASH-TABLE) "Urethral syndrome NOS")
(SETF (GETHASH '"597.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"598" ICD9-HASH-TABLE) "Urethral stricture")
(SETF (GETHASH '"598.0" ICD9-HASH-TABLE)
      "Urethral stricture due to infection")
(SETF (GETHASH '"598.00" ICD9-HASH-TABLE) "Due to unspecified infection")
(SETF (GETHASH '"598.01" ICD9-HASH-TABLE)
      "Due to infective diseases classified elsewhere")
(SETF (GETHASH '"598.1" ICD9-HASH-TABLE) "Traumatic urethral stricture")
(SETF (GETHASH '"598.2" ICD9-HASH-TABLE)
      "Postoperative urethral stricture")
(SETF (GETHASH '"598.8" ICD9-HASH-TABLE)
      "Other specified causes of urethral stricture")
(SETF (GETHASH '"598.9" ICD9-HASH-TABLE)
      "Urethral stricture, unspecified")
(SETF (GETHASH '"599" ICD9-HASH-TABLE)
      "Other disorders of urethra and urinary tract")
(SETF (GETHASH '"599.0" ICD9-HASH-TABLE)
      "Urinary tract infection, site not specified")
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(SETF (GETHASH '"599.1" ICD9-HASH-TABLE) "Urethral fistula")
(SETF (GETHASH '"599.2" ICD9-HASH-TABLE) "Urethral diverticulum")
(SETF (GETHASH '"599.3" ICD9-HASH-TABLE) "Urethral caruncle")
(SETF (GETHASH '"599.4" ICD9-HASH-TABLE) "Urethral false passage")
(SETF (GETHASH '"599.5" ICD9-HASH-TABLE) "Prolapsed urethral mucosa")
(SETF (GETHASH '"599.6" ICD9-HASH-TABLE)
      "Urinary obstruction, unspecified")
(SETF (GETHASH '"599.7" ICD9-HASH-TABLE) "Hematuria")
(SETF (GETHASH '"599.8" ICD9-HASH-TABLE)
      "Other specified disorders of urethra and urinary tract")
(SETF (GETHASH '"599.81" ICD9-HASH-TABLE) "Urethral hypermobility")
(SETF (GETHASH '"599.82" ICD9-HASH-TABLE)
      "Intrinsic (urethral) sphincter deficiency [ISD]")
(SETF (GETHASH '"599.83" ICD9-HASH-TABLE) "Urethral instability")
(SETF (GETHASH '"599.84" ICD9-HASH-TABLE)
      "Other specified disorders of urethra")
(SETF (GETHASH '"599.89" ICD9-HASH-TABLE)
      "Other specified disorders of urinary tract")
(SETF (GETHASH '"599.9" ICD9-HASH-TABLE)
      "Unspecified disorder of urethra and urinary tract")
(SETF (GETHASH '"600" ICD9-HASH-TABLE) "Hyperplasia of prostate")
(SETF (GETHASH '"601" ICD9-HASH-TABLE)
      "Inflammatory diseases of prostate")
(SETF (GETHASH '"601.0" ICD9-HASH-TABLE) "Acute prostatitis")
(SETF (GETHASH '"601.1" ICD9-HASH-TABLE) "Chronic prostatitis")
(SETF (GETHASH '"601.2" ICD9-HASH-TABLE) "Abscess of prostate")
(SETF (GETHASH '"601.3" ICD9-HASH-TABLE) "Prostatocystitis")
(SETF (GETHASH '"601.4" ICD9-HASH-TABLE)
      "Prostatitis in diseases classified elsewhere")
(SETF (GETHASH '"601.8" ICD9-HASH-TABLE)
      "Other specified inflammatory diseases of prostate")
(SETF (GETHASH '"601.9" ICD9-HASH-TABLE) "Prostatitis, unspecified")
(SETF (GETHASH '"602" ICD9-HASH-TABLE) "Other disorders of prostate")
(SETF (GETHASH '"602.0" ICD9-HASH-TABLE) "Calculus of prostate")
(SETF (GETHASH '"602.1" ICD9-HASH-TABLE)
      "Congestion or hemorrhage of prostate")
(SETF (GETHASH '"602.2" ICD9-HASH-TABLE) "Atrophy of prostate")
(SETF (GETHASH '"602.8" ICD9-HASH-TABLE)
      "Other specified disorders of prostate")
(SETF (GETHASH '"602.9" ICD9-HASH-TABLE)
      "Unspecified disorder of prostate")
(SETF (GETHASH '"603" ICD9-HASH-TABLE) "Hydrocele")
(SETF (GETHASH '"603.0" ICD9-HASH-TABLE) "Encysted hydrocele")
(SETF (GETHASH '"603.1" ICD9-HASH-TABLE) "Infected hydrocele")
(SETF (GETHASH '"603.8" ICD9-HASH-TABLE)
      "Other specified types of hydrocele")
(SETF (GETHASH '"603.9" ICD9-HASH-TABLE) "Hydrocele, unspecified")
(SETF (GETHASH '"604" ICD9-HASH-TABLE) "Orchitis and epididymitis")
(SETF (GETHASH '"604.0" ICD9-HASH-TABLE)
      "Orchitis, epididymitis, and epididymo-orchitis, with abscess")
(SETF (GETHASH '"604.9" ICD9-HASH-TABLE)
      "Other orchitis, epididymitis, and epididymo-orchitis, without mention of abscess")
(SETF (GETHASH '"604.90" ICD9-HASH-TABLE)
      "Orchitis and epididymitis, unspecified")
(SETF (GETHASH '"604.91" ICD9-HASH-TABLE)
      "Orchitis and epididymitis in diseases classified elsewhere")
(SETF (GETHASH '"604.99" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"605" ICD9-HASH-TABLE) "Redundant prepuce and phimosis")
(SETF (GETHASH '"606" ICD9-HASH-TABLE) "Infertility, male")
(SETF (GETHASH '"606.0" ICD9-HASH-TABLE) "Azoospermia")
(SETF (GETHASH '"606.1" ICD9-HASH-TABLE) "Oligospermia")
(SETF (GETHASH '"606.8" ICD9-HASH-TABLE)
      "Infertility due to extratesticular causes")
(SETF (GETHASH '"606.9" ICD9-HASH-TABLE) "Male infertility, unspecified")
(SETF (GETHASH '"607" ICD9-HASH-TABLE) "Disorders of penis")
(SETF (GETHASH '"607.0" ICD9-HASH-TABLE) "Leukoplakia of penis")
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(SETF (GETHASH '"607.1" ICD9-HASH-TABLE) "Balanoposthitis")
(SETF (GETHASH '"607.2" ICD9-HASH-TABLE)
      "Other inflammatory disorders of penis")
(SETF (GETHASH '"607.3" ICD9-HASH-TABLE) "Priapism")
(SETF (GETHASH '"607.8" ICD9-HASH-TABLE)
      "Other specified disorders of penis")
(SETF (GETHASH '"607.81" ICD9-HASH-TABLE)
      "Balanitis xerotica obliterans")
(SETF (GETHASH '"607.82" ICD9-HASH-TABLE) "Vascular disorders of penis")
(SETF (GETHASH '"607.83" ICD9-HASH-TABLE) "Edema of penis")
(SETF (GETHASH '"607.84" ICD9-HASH-TABLE) "Impotence of organic origin")
(SETF (GETHASH '"607.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"607.9" ICD9-HASH-TABLE) "Unspecified disorder of penis")
(SETF (GETHASH '"608" ICD9-HASH-TABLE)
      "Other disorders of male genital organs")
(SETF (GETHASH '"608.0" ICD9-HASH-TABLE) "Seminal vesiculitis")
(SETF (GETHASH '"608.1" ICD9-HASH-TABLE) "Spermatocele")
(SETF (GETHASH '"608.2" ICD9-HASH-TABLE) "Torsion of testis")
(SETF (GETHASH '"608.3" ICD9-HASH-TABLE) "Atrophy of testis")
(SETF (GETHASH '"608.4" ICD9-HASH-TABLE)
      "Other inflammatory disorders of male genital organs")
(SETF (GETHASH '"608.8" ICD9-HASH-TABLE)
      "Other specified disorders of male genital organs")
(SETF (GETHASH '"608.81" ICD9-HASH-TABLE)
      "Disorders of male genital organs in diseases classified elsewhere")
(SETF (GETHASH '"608.83" ICD9-HASH-TABLE) "Vascular disorders")
(SETF (GETHASH '"608.84" ICD9-HASH-TABLE)
      "Chylocele of tunica vaginalis")
(SETF (GETHASH '"608.85" ICD9-HASH-TABLE) "Stricture")
(SETF (GETHASH '"608.86" ICD9-HASH-TABLE) "Edema")
(SETF (GETHASH '"608.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"608.9" ICD9-HASH-TABLE)
      "Unspecified disorder of male genital organs")
(SETF (GETHASH '"610" ICD9-HASH-TABLE) "Benign mammary dysplasias")
(SETF (GETHASH '"610.0" ICD9-HASH-TABLE) "Solitary cyst of breast")
(SETF (GETHASH '"610.1" ICD9-HASH-TABLE) "Diffuse cystic mastopathy")
(SETF (GETHASH '"610.2" ICD9-HASH-TABLE) "Fibroadenosis of breast")
(SETF (GETHASH '"610.3" ICD9-HASH-TABLE) "Fibrosclerosis of breast")
(SETF (GETHASH '"610.4" ICD9-HASH-TABLE) "Mammary duct ectasia")
(SETF (GETHASH '"610.8" ICD9-HASH-TABLE)
      "Other specified benign mammary dysplasias")
(SETF (GETHASH '"610.9" ICD9-HASH-TABLE)
      "Benign mammary dysplasia, unspecified")
(SETF (GETHASH '"611" ICD9-HASH-TABLE) "Other disorders of breast")
(SETF (GETHASH '"611.0" ICD9-HASH-TABLE)
      "Inflammatory disease of breast")
(SETF (GETHASH '"611.1" ICD9-HASH-TABLE) "Hypertrophy of breast")
(SETF (GETHASH '"611.2" ICD9-HASH-TABLE) "Fissure of nipple")
(SETF (GETHASH '"611.3" ICD9-HASH-TABLE) "Fat necrosis of breast")
(SETF (GETHASH '"611.4" ICD9-HASH-TABLE) "Atrophy of breast")
(SETF (GETHASH '"611.5" ICD9-HASH-TABLE) "Galactocele")
(SETF (GETHASH '"611.6" ICD9-HASH-TABLE)
      "Galactorrhea not associated with childbirth")
(SETF (GETHASH '"611.7" ICD9-HASH-TABLE) "Signs and symptoms in breast")
(SETF (GETHASH '"611.71" ICD9-HASH-TABLE) "Mastodynia")
(SETF (GETHASH '"611.72" ICD9-HASH-TABLE) "Lump or mass in breast")
(SETF (GETHASH '"611.79" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"611.8" ICD9-HASH-TABLE)
      "Other specified disorders of breast")
(SETF (GETHASH '"611.9" ICD9-HASH-TABLE) "Unspecified breast disorder")
(SETF (GETHASH '"614" ICD9-HASH-TABLE)
      "Inflammatory disease of ovary, fallopian tube, pelvic cellular tissue, and peritoneum")
(SETF (GETHASH '"614.0" ICD9-HASH-TABLE)
      "Acute salpingitis and oophoritis")
(SETF (GETHASH '"614.1" ICD9-HASH-TABLE)
      "Chronic salpingitis and oophoritis")
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(SETF (GETHASH '"614.2" ICD9-HASH-TABLE)
      "Salpingitis and oophoritis not specified as acute, subacute, or chronic")
(SETF (GETHASH '"614.3" ICD9-HASH-TABLE)
      "Acute parametritis and pelvic cellulitis")
(SETF (GETHASH '"614.4" ICD9-HASH-TABLE)
      "Chronic or unspecified parametritis and pelvic cellulitis")
(SETF (GETHASH '"614.5" ICD9-HASH-TABLE)
      "Acute or unspecified pelvic peritonitis, female")
(SETF (GETHASH '"614.6" ICD9-HASH-TABLE)
      "Pelvic peritoneal adhesions, female (postoperative) (postinfective)")
(SETF (GETHASH '"614.7" ICD9-HASH-TABLE)
      "Other chronic pelvic peritonitis, female")
(SETF (GETHASH '"614.8" ICD9-HASH-TABLE)
      "Other specified inflammatory disease of female pelvic organs and tissues")
(SETF (GETHASH '"614.9" ICD9-HASH-TABLE)
      "Unspecified inflammatory disease of female pelvic organs and tissues")
(SETF (GETHASH '"615" ICD9-HASH-TABLE)
      "Inflammatory diseases of uterus, except cervix")
(SETF (GETHASH '"615.0" ICD9-HASH-TABLE) "Acute")
(SETF (GETHASH '"615.1" ICD9-HASH-TABLE) "Chronic")
(SETF (GETHASH '"615.9" ICD9-HASH-TABLE)
      "Unspecified inflammatory disease of uterus")
(SETF (GETHASH '"616" ICD9-HASH-TABLE)
      "Inflammatory disease of cervix, vagina, and vulva")
(SETF (GETHASH '"616.0" ICD9-HASH-TABLE) "Cervicitis and endocervicitis")
(SETF (GETHASH '"616.1" ICD9-HASH-TABLE) "Vaginitis and vulvovaginitis")
(SETF (GETHASH '"616.10" ICD9-HASH-TABLE)
      "Vaginitis and vulvovaginitis, unspecified")
(SETF (GETHASH '"616.11" ICD9-HASH-TABLE)
      "Vaginitis and vulvovaginitis in diseases classified elsewhere")
(SETF (GETHASH '"616.2" ICD9-HASH-TABLE) "Cyst of Bartholin's gland")
(SETF (GETHASH '"616.3" ICD9-HASH-TABLE) "Abscess of Bartholin's gland")
(SETF (GETHASH '"616.4" ICD9-HASH-TABLE) "Other abscess of vulva")
(SETF (GETHASH '"616.5" ICD9-HASH-TABLE) "Ulceration of vulva")
(SETF (GETHASH '"616.50" ICD9-HASH-TABLE)
      "Ulceration of vulva, unspecified")
(SETF (GETHASH '"616.51" ICD9-HASH-TABLE)
      "Ulceration of vulva in diseases classified elsewhere")
(SETF (GETHASH '"616.8" ICD9-HASH-TABLE)
      "Other specified inflammatory diseases of cervix, vagina, and vulva")
(SETF (GETHASH '"616.9" ICD9-HASH-TABLE)
      "Unspecified inflammatory disease of cervix, vagina, and vulva")
(SETF (GETHASH '"617" ICD9-HASH-TABLE) "Endometriosis")
(SETF (GETHASH '"617.0" ICD9-HASH-TABLE) "Endometriosis of uterus")
(SETF (GETHASH '"617.1" ICD9-HASH-TABLE) "Endometriosis of ovary")
(SETF (GETHASH '"617.2" ICD9-HASH-TABLE)
      "Endometriosis of fallopian tube")
(SETF (GETHASH '"617.3" ICD9-HASH-TABLE)
      "Endometriosis of pelvic peritoneum")
(SETF (GETHASH '"617.4" ICD9-HASH-TABLE)
      "Endometriosis of rectovaginal septum and vagina")
(SETF (GETHASH '"617.5" ICD9-HASH-TABLE) "Endometriosis of intestine")
(SETF (GETHASH '"617.6" ICD9-HASH-TABLE) "Endometriosis in scar of skin")
(SETF (GETHASH '"617.8" ICD9-HASH-TABLE)
      "Endometriosis of other specified sites")
(SETF (GETHASH '"617.9" ICD9-HASH-TABLE)
      "Endometriosis, site unspecified")
(SETF (GETHASH '"618" ICD9-HASH-TABLE) "Genital prolapse")
(SETF (GETHASH '"618.0" ICD9-HASH-TABLE)
      "Prolapse of vaginal walls without mention of uterine prolapse")
(SETF (GETHASH '"618.1" ICD9-HASH-TABLE)
      "Uterine prolapse without mention of vaginal wall prolapse")
(SETF (GETHASH '"618.2" ICD9-HASH-TABLE)
      "Uterovaginal prolapse, incomplete")
(SETF (GETHASH '"618.3" ICD9-HASH-TABLE)
      "Uterovaginal prolapse, complete")
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(SETF (GETHASH '"618.4" ICD9-HASH-TABLE)
      "Uterovaginal prolapse, unspecified")
(SETF (GETHASH '"618.5" ICD9-HASH-TABLE)
      "Prolapse of vaginal vault after hysterectomy")
(SETF (GETHASH '"618.6" ICD9-HASH-TABLE)
      "Vaginal enterocele, congenital or acquired")
(SETF (GETHASH '"618.7" ICD9-HASH-TABLE)
      "Old laceration of muscles of pelvic floor")
(SETF (GETHASH '"618.8" ICD9-HASH-TABLE)
      "Other specified genital prolapse")
(SETF (GETHASH '"618.9" ICD9-HASH-TABLE) "Unspecified genital prolapse")
(SETF (GETHASH '"619" ICD9-HASH-TABLE)
      "Fistula involving female genital tract")
(SETF (GETHASH '"619.0" ICD9-HASH-TABLE)
      "Urinary-genital tract fistula, female")
(SETF (GETHASH '"619.1" ICD9-HASH-TABLE)
      "Digestive-genital tract fistula, female")
(SETF (GETHASH '"619.2" ICD9-HASH-TABLE)
      "Genital tract-skin fistula, female")
(SETF (GETHASH '"619.8" ICD9-HASH-TABLE)
      "Other specified fistulas involving female genital tract")
(SETF (GETHASH '"619.9" ICD9-HASH-TABLE)
      "Unspecified fistula involving female genital tract")
(SETF (GETHASH '"620" ICD9-HASH-TABLE)
      "Noninflammatory disorders of ovary, fallopian tube, and broad ligament")
(SETF (GETHASH '"620.0" ICD9-HASH-TABLE) "Follicular cyst of ovary")
(SETF (GETHASH '"620.1" ICD9-HASH-TABLE)
      "Corpus luteum cyst or hematoma")
(SETF (GETHASH '"620.2" ICD9-HASH-TABLE)
      "Other and unspecified ovarian cyst")
(SETF (GETHASH '"620.3" ICD9-HASH-TABLE)
      "Acquired atrophy of ovary and fallopian tube")
(SETF (GETHASH '"620.4" ICD9-HASH-TABLE)
      "Prolapse or hernia of ovary and fallopian tube")
(SETF (GETHASH '"620.5" ICD9-HASH-TABLE)
      "Torsion of ovary, ovarian pedicle, or fallopian tube")
(SETF (GETHASH '"620.6" ICD9-HASH-TABLE)
      "Broad ligament laceration syndrome")
(SETF (GETHASH '"620.7" ICD9-HASH-TABLE) "Hematoma of broad ligament")
(SETF (GETHASH '"620.8" ICD9-HASH-TABLE)
      "Other noninflammatory disorders of ovary, fallopian tube, and broad ligament")
(SETF (GETHASH '"620.9" ICD9-HASH-TABLE)
      "Unspecified noninflammatory disorder of ovary, fallopian tube, and broad ligament")
(SETF (GETHASH '"621" ICD9-HASH-TABLE)
      "Disorders of uterus, not elsewhere classified")
(SETF (GETHASH '"621.0" ICD9-HASH-TABLE) "Polyp of corpus uteri")
(SETF (GETHASH '"621.1" ICD9-HASH-TABLE)
      "Chronic subinvolution of uterus")
(SETF (GETHASH '"621.2" ICD9-HASH-TABLE) "Hypertrophy of uterus")
(SETF (GETHASH '"621.3" ICD9-HASH-TABLE)
      "Endometrial cystic hyperplasia")
(SETF (GETHASH '"621.4" ICD9-HASH-TABLE) "Hematometra")
(SETF (GETHASH '"621.5" ICD9-HASH-TABLE) "Intrauterine synechiae")
(SETF (GETHASH '"621.6" ICD9-HASH-TABLE) "Malposition of uterus")
(SETF (GETHASH '"621.7" ICD9-HASH-TABLE) "Chronic inversion of uterus")
(SETF (GETHASH '"621.8" ICD9-HASH-TABLE)
      "Other specified disorders of uterus, not elsewhere classified")
(SETF (GETHASH '"621.9" ICD9-HASH-TABLE)
      "Unspecified disorder of uterus")
(SETF (GETHASH '"622" ICD9-HASH-TABLE)
      "Noninflammatory disorders of cervix")
(SETF (GETHASH '"622.0" ICD9-HASH-TABLE)
      "Erosion and ectropion of cervix")
(SETF (GETHASH '"622.1" ICD9-HASH-TABLE) "Dysplasia of cervix (uteri)")
(SETF (GETHASH '"622.2" ICD9-HASH-TABLE) "Leukoplakia of cervix (uteri)")
(SETF (GETHASH '"622.3" ICD9-HASH-TABLE) "Old laceration of cervix")
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(SETF (GETHASH '"622.4" ICD9-HASH-TABLE)
      "Stricture and stenosis of cervix")
(SETF (GETHASH '"622.5" ICD9-HASH-TABLE) "Incompetence of cervix")
(SETF (GETHASH '"622.6" ICD9-HASH-TABLE)
      "Hypertrophic elongation of cervix")
(SETF (GETHASH '"622.7" ICD9-HASH-TABLE) "Mucous polyp of cervix")
(SETF (GETHASH '"622.8" ICD9-HASH-TABLE)
      "Other specified noninflammatory disorders of cervix")
(SETF (GETHASH '"622.9" ICD9-HASH-TABLE)
      "Unspecified noninflammatory disorder of cervix")
(SETF (GETHASH '"623" ICD9-HASH-TABLE)
      "Noninflammatory disorders of vagina")
(SETF (GETHASH '"623.0" ICD9-HASH-TABLE) "Dysplasia of vagina")
(SETF (GETHASH '"623.1" ICD9-HASH-TABLE) "Leukoplakia of vagina")
(SETF (GETHASH '"623.2" ICD9-HASH-TABLE)
      "Stricture or atresia of vagina")
(SETF (GETHASH '"623.3" ICD9-HASH-TABLE) "Tight hymenal ring")
(SETF (GETHASH '"623.4" ICD9-HASH-TABLE) "Old vaginal laceration")
(SETF (GETHASH '"623.5" ICD9-HASH-TABLE)
      "Leukorrhea, not specified as infective")
(SETF (GETHASH '"623.6" ICD9-HASH-TABLE) "Vaginal hematoma")
(SETF (GETHASH '"623.7" ICD9-HASH-TABLE) "Polyp of vagina")
(SETF (GETHASH '"623.8" ICD9-HASH-TABLE)
      "Other specified noninflammatory disorders of vagina")
(SETF (GETHASH '"623.9" ICD9-HASH-TABLE)
      "Unspecified noninflammatory disorder of vagina")
(SETF (GETHASH '"624" ICD9-HASH-TABLE)
      "Noninflammatory disorders of vulva and perineum")
(SETF (GETHASH '"624.0" ICD9-HASH-TABLE) "Dystrophy of vulva")
(SETF (GETHASH '"624.1" ICD9-HASH-TABLE) "Atrophy of vulva")
(SETF (GETHASH '"624.2" ICD9-HASH-TABLE) "Hypertrophy of clitoris")
(SETF (GETHASH '"624.3" ICD9-HASH-TABLE) "Hypertrophy of labia")
(SETF (GETHASH '"624.4" ICD9-HASH-TABLE)
      "Old laceration or scarring of vulva")
(SETF (GETHASH '"624.5" ICD9-HASH-TABLE) "Hematoma of vulva")
(SETF (GETHASH '"624.6" ICD9-HASH-TABLE) "Polyp of labia and vulva")
(SETF (GETHASH '"624.8" ICD9-HASH-TABLE)
      "Other specified noninflammatory disorders of vulva and perineum")
(SETF (GETHASH '"624.9" ICD9-HASH-TABLE)
      "Unspecified noninflammatory disorder of vulva and perineum")
(SETF (GETHASH '"625" ICD9-HASH-TABLE)
      "Pain and other symptoms associated with female genital organs")
(SETF (GETHASH '"625.0" ICD9-HASH-TABLE) "Dyspareunia")
(SETF (GETHASH '"625.1" ICD9-HASH-TABLE) "Vaginismus")
(SETF (GETHASH '"625.2" ICD9-HASH-TABLE) "Mittelschmerz")
(SETF (GETHASH '"625.3" ICD9-HASH-TABLE) "Dysmenorrhea")
(SETF (GETHASH '"625.4" ICD9-HASH-TABLE)
      "Premenstrual tension syndromes")
(SETF (GETHASH '"625.5" ICD9-HASH-TABLE) "Pelvic congestion syndrome")
(SETF (GETHASH '"625.6" ICD9-HASH-TABLE) "Stress incontinence, female")
(SETF (GETHASH '"625.8" ICD9-HASH-TABLE)
      "Other specified symptoms associated with female genital organs")
(SETF (GETHASH '"625.9" ICD9-HASH-TABLE)
      "Unspecified symptom associated with female genital organs")
(SETF (GETHASH '"626" ICD9-HASH-TABLE)
      "Disorders of menstruation and other abnormal bleeding from female genital tract")
(SETF (GETHASH '"626.0" ICD9-HASH-TABLE) "Absence of menstruation")
(SETF (GETHASH '"626.1" ICD9-HASH-TABLE)
      "Scanty or infrequent menstruation")
(SETF (GETHASH '"626.2" ICD9-HASH-TABLE)
      "Excessive or frequent menstruation")
(SETF (GETHASH '"626.3" ICD9-HASH-TABLE) "Puberty bleeding")
(SETF (GETHASH '"626.4" ICD9-HASH-TABLE) "Irregular menstrual cycle")
(SETF (GETHASH '"626.5" ICD9-HASH-TABLE) "Ovulation bleeding")
(SETF (GETHASH '"626.6" ICD9-HASH-TABLE) "Metrorrhagia")
(SETF (GETHASH '"626.7" ICD9-HASH-TABLE) "Postcoital bleeding")
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(SETF (GETHASH '"626.8" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"626.9" ICD9-HASH-TABLE) "Unspecified")
(SETF (GETHASH '"627" ICD9-HASH-TABLE)
      "Menopausal and postmenopausal disorders")
(SETF (GETHASH '"627.0" ICD9-HASH-TABLE) "Premenopausal menorrhagia")
(SETF (GETHASH '"627.1" ICD9-HASH-TABLE) "Postmenopausal bleeding")
(SETF (GETHASH '"627.2" ICD9-HASH-TABLE)
      "Menopausal or female climacteric states")
(SETF (GETHASH '"627.3" ICD9-HASH-TABLE)
      "Postmenopausal atrophic vaginitis")
(SETF (GETHASH '"627.4" ICD9-HASH-TABLE)
      "States associated with artificial menopause")
(SETF (GETHASH '"627.8" ICD9-HASH-TABLE)
      "Other specified menopausal and postmenopausal disorders")
(SETF (GETHASH '"627.9" ICD9-HASH-TABLE)
      "Unspecified menopausal and postmenopausal ydisorder")
(SETF (GETHASH '"628" ICD9-HASH-TABLE) "Infertility, femiale")
(SETF (GETHASH '"628.0" ICD9-HASH-TABLE) "Associated with anovulation")
(SETF (GETHASH '"628.1" ICD9-HASH-TABLE)
      "Of pituitary-hypothalamic origin")
(SETF (GETHASH '"628.2" ICD9-HASH-TABLE) "Of tubal origin")
(SETF (GETHASH '"628.3" ICD9-HASH-TABLE) "Of uterine origin")
(SETF (GETHASH '"628.4" ICD9-HASH-TABLE) "Of cervical or vaginal origin")
(SETF (GETHASH '"628.8" ICD9-HASH-TABLE) "Of other specified origin")
(SETF (GETHASH '"628.9" ICD9-HASH-TABLE) "Of unspecified origin")
(SETF (GETHASH '"629" ICD9-HASH-TABLE)
      "Other disorders of female genital organs")
(SETF (GETHASH '"629.0" ICD9-HASH-TABLE)
      "Hematocele, female, not elsewhere classified")
(SETF (GETHASH '"629.1" ICD9-HASH-TABLE) "Hydrocele, canal of Nuck")
(SETF (GETHASH '"629.8" ICD9-HASH-TABLE)
      "Other specified disorders of female genital organs")
(SETF (GETHASH '"629.9" ICD9-HASH-TABLE)
      "Unspecified disorder of female genital organs")
(SETF (GETHASH '"630" ICD9-HASH-TABLE) "Hydatidiform mole")
(SETF (GETHASH '"631" ICD9-HASH-TABLE)
      "Other abnormal product of conception")
(SETF (GETHASH '"632" ICD9-HASH-TABLE) "Missed abortion")
(SETF (GETHASH '"633" ICD9-HASH-TABLE) "Ectopic pregnancy")
(SETF (GETHASH '"633.0" ICD9-HASH-TABLE) "Abdominal pregnancy")
(SETF (GETHASH '"633.1" ICD9-HASH-TABLE) "Tubal pregnancy")
(SETF (GETHASH '"633.2" ICD9-HASH-TABLE) "Ovarian pregnancy")
(SETF (GETHASH '"633.8" ICD9-HASH-TABLE) "Other ectopic pregnancy")
(SETF (GETHASH '"633.9" ICD9-HASH-TABLE) "Unspecified ectopic pregnancy")
(SETF (GETHASH '"634" ICD9-HASH-TABLE) "Spontaneous abortion")
(SETF (GETHASH '"634.0" ICD9-HASH-TABLE)
      "Complicated by genital tract and pelvic infection")
(SETF (GETHASH '"634.1" ICD9-HASH-TABLE)
      "Complicated by delayed or excessive hemorrhage")
(SETF (GETHASH '"634.2" ICD9-HASH-TABLE)
      "Complicated by damage to pelvic organs or tissues")
(SETF (GETHASH '"634.3" ICD9-HASH-TABLE) "Complicated by renal failure")
(SETF (GETHASH '"634.4" ICD9-HASH-TABLE)
      "Complicated by metabolic disorder")
(SETF (GETHASH '"634.5" ICD9-HASH-TABLE) "Complicated by shock")
(SETF (GETHASH '"634.6" ICD9-HASH-TABLE) "Complicated by embolism")
(SETF (GETHASH '"634.7" ICD9-HASH-TABLE)
      "With other specified complications")
(SETF (GETHASH '"634.8" ICD9-HASH-TABLE) "With unspecified complication")
(SETF (GETHASH '"634.9" ICD9-HASH-TABLE)
      "Without mention of complication")
(SETF (GETHASH '"635" ICD9-HASH-TABLE) "Legally induced abortion")
(SETF (GETHASH '"635.0" ICD9-HASH-TABLE)
      "Complicated by genital tract and pelvic infection")
(SETF (GETHASH '"635.1" ICD9-HASH-TABLE)
      "Complicated by delayed or excessive hemorrhage")
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(SETF (GETHASH '"635.2" ICD9-HASH-TABLE)
      "Complicated by damage to pelvic organs or tissues")
(SETF (GETHASH '"635.3" ICD9-HASH-TABLE) "Complicated by renal failure")
(SETF (GETHASH '"635.4" ICD9-HASH-TABLE)
      "Complicated by metabolic disorder")
(SETF (GETHASH '"635.5" ICD9-HASH-TABLE) "Complicated by shock")
(SETF (GETHASH '"635.6" ICD9-HASH-TABLE) "Complicated by embolism")
(SETF (GETHASH '"635.7" ICD9-HASH-TABLE)
      "With other specified complications")
(SETF (GETHASH '"635.8" ICD9-HASH-TABLE) "With unspecified complication")
(SETF (GETHASH '"635.9" ICD9-HASH-TABLE)
      "Without mention of complication")
(SETF (GETHASH '"636" ICD9-HASH-TABLE) "Illegally induced abortion")
(SETF (GETHASH '"636.0" ICD9-HASH-TABLE)
      "Complicated by genital tract and pelvic infection")
(SETF (GETHASH '"636.1" ICD9-HASH-TABLE)
      "Complicated by delayed or excessive hemorrhage")
(SETF (GETHASH '"636.2" ICD9-HASH-TABLE)
      "Complicated by damage to pelvic organs or tissues")
(SETF (GETHASH '"636.3" ICD9-HASH-TABLE) "Complicated by renal failure")
(SETF (GETHASH '"636.4" ICD9-HASH-TABLE)
      "Complicated by metabolic disorder")
(SETF (GETHASH '"636.5" ICD9-HASH-TABLE) "Complicated by shock")
(SETF (GETHASH '"636.6" ICD9-HASH-TABLE) "Complicated by embolism")
(SETF (GETHASH '"636.7" ICD9-HASH-TABLE)
      "With other specified complications")
(SETF (GETHASH '"636.8" ICD9-HASH-TABLE) "With unspecified complication")
(SETF (GETHASH '"636.9" ICD9-HASH-TABLE)
      "Without mention of complication")
(SETF (GETHASH '"637" ICD9-HASH-TABLE) "Unspecified abortion")
(SETF (GETHASH '"637.0" ICD9-HASH-TABLE)
      "Complicated by genital tract and pelvic infection")
(SETF (GETHASH '"637.1" ICD9-HASH-TABLE)
      "Complicated by delayed or excessive hemorrhage")
(SETF (GETHASH '"637.2" ICD9-HASH-TABLE)
      "Complicated by damage to pelvic organs or tissues")
(SETF (GETHASH '"637.3" ICD9-HASH-TABLE) "Complicated by renal failure")
(SETF (GETHASH '"637.4" ICD9-HASH-TABLE)
      "Complicated by metabolic disorder")
(SETF (GETHASH '"637.5" ICD9-HASH-TABLE) "Complicated by shock")
(SETF (GETHASH '"637.6" ICD9-HASH-TABLE) "Complicated by embolism")
(SETF (GETHASH '"637.7" ICD9-HASH-TABLE)
      "With other specified complications")
(SETF (GETHASH '"637.8" ICD9-HASH-TABLE) "With unspecified complication")
(SETF (GETHASH '"637.9" ICD9-HASH-TABLE)
      "Without mention of complication")
(SETF (GETHASH '"638" ICD9-HASH-TABLE) "Failed attempted abortion")
(SETF (GETHASH '"638.0" ICD9-HASH-TABLE)
      "Complicated by genital tract and pelvic infection")
(SETF (GETHASH '"638.1" ICD9-HASH-TABLE)
      "Complicated by delayed or excessive hemorrhage")
(SETF (GETHASH '"638.2" ICD9-HASH-TABLE)
      "Complicated by damage to pelvic organs or tissues")
(SETF (GETHASH '"638.3" ICD9-HASH-TABLE) "Complicated by renal failure")
(SETF (GETHASH '"638.4" ICD9-HASH-TABLE)
      "Complicated by metabolic disorder")
(SETF (GETHASH '"638.5" ICD9-HASH-TABLE) "Complicated by shock")
(SETF (GETHASH '"638.6" ICD9-HASH-TABLE) "Complicated by embolism")
(SETF (GETHASH '"638.7" ICD9-HASH-TABLE)
      "With other specified complications")
(SETF (GETHASH '"638.8" ICD9-HASH-TABLE) "With unspecified complication")
(SETF (GETHASH '"638.9" ICD9-HASH-TABLE)
      "Without mention of complication")
(SETF (GETHASH '"639" ICD9-HASH-TABLE)
      "Complications following abortion and ectopic and molar pregnancies")
(SETF (GETHASH '"639.0" ICD9-HASH-TABLE)
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      "Genital tract and pelvic infection")
(SETF (GETHASH '"639.1" ICD9-HASH-TABLE)
      "Delayed or excessive hemorrhage")
(SETF (GETHASH '"639.2" ICD9-HASH-TABLE)
      "Damage to pelvic organs and tissues")
(SETF (GETHASH '"639.3" ICD9-HASH-TABLE) "Renal failure")
(SETF (GETHASH '"639.4" ICD9-HASH-TABLE) "Metabolic disorders")
(SETF (GETHASH '"639.5" ICD9-HASH-TABLE) "Shock")
(SETF (GETHASH '"639.6" ICD9-HASH-TABLE) "Embolism")
(SETF (GETHASH '"639.8" ICD9-HASH-TABLE)
      "Other specified complications following abortion or ectopic and molar pregnancy")
(SETF (GETHASH '"639.9" ICD9-HASH-TABLE)
      "Unspecified complication following abortion or ectopic and molar pregnancy")
(SETF (GETHASH '"640" ICD9-HASH-TABLE) "Hemorrhage in early pregnancy")
(SETF (GETHASH '"640.0" ICD9-HASH-TABLE) "Threatened abortion")
(SETF (GETHASH '"640.8" ICD9-HASH-TABLE)
      "Other specified hemorrhage in early pregnancy")
(SETF (GETHASH '"640.9" ICD9-HASH-TABLE)
      "Unspecified hemorrhage in early pregnancy")
(SETF (GETHASH '"641" ICD9-HASH-TABLE)
      "Antepartum hemorrhage, abruptio placentae, and placenta previa")
(SETF (GETHASH '"641.0" ICD9-HASH-TABLE)
      "Placenta previa without hemorrhage")
(SETF (GETHASH '"641.1" ICD9-HASH-TABLE)
      "Hemorrhage from placenta previa")
(SETF (GETHASH '"641.2" ICD9-HASH-TABLE)
      "Premature separation of placenta")
(SETF (GETHASH '"641.3" ICD9-HASH-TABLE)
      "Antepartum hemorrhage associated with coagulation defects")
(SETF (GETHASH '"641.8" ICD9-HASH-TABLE) "Other antepartum hemorrhage")
(SETF (GETHASH '"641.9" ICD9-HASH-TABLE)
      "Unspecified antepartum hemorrhage")
(SETF (GETHASH '"642" ICD9-HASH-TABLE)
      "Hypertension complicating pregnancy, childbirth, and the puerperium")
(SETF (GETHASH '"642.0" ICD9-HASH-TABLE)
      "Benign essential hypertension complicating pregnancy, childbirth, and the puerperium")
(SETF (GETHASH '"642.1" ICD9-HASH-TABLE)
      "Hypertension secondary to renal disease, complicating pregnancy, childbirth, and the puerperium")
(SETF (GETHASH '"642.2" ICD9-HASH-TABLE)
      "Other pre-existing hypertension complicating pregnancy, childbirth, and the puerperium")
(SETF (GETHASH '"642.3" ICD9-HASH-TABLE)
      "Transient hypertension of pregnancy")
(SETF (GETHASH '"642.4" ICD9-HASH-TABLE)
      "Mild or unspecified pre-eclampsia")
(SETF (GETHASH '"642.5" ICD9-HASH-TABLE) "Severe pre-eclampsia")
(SETF (GETHASH '"642.6" ICD9-HASH-TABLE) "Eclampsia")
(SETF (GETHASH '"642.7" ICD9-HASH-TABLE)
      "Pre-eclampsia or eclampsia superimposed on pre-existing hypertension")
(SETF (GETHASH '"642.9" ICD9-HASH-TABLE)
      "Unspecified hypertension complicating pregnancy, childbirth, or the puerperium")
(SETF (GETHASH '"643" ICD9-HASH-TABLE) "Excessive vomiting in pregnancy")
(SETF (GETHASH '"643.0" ICD9-HASH-TABLE) "Mild hyperemesis gravidarum")
(SETF (GETHASH '"643.1" ICD9-HASH-TABLE)
      "Hyperemesis gravidarum with metabolic disturbance")
(SETF (GETHASH '"643.2" ICD9-HASH-TABLE) "Late vomiting of pregnancy")
(SETF (GETHASH '"643.8" ICD9-HASH-TABLE)
      "Other vomiting complicating pregnancy")
(SETF (GETHASH '"643.9" ICD9-HASH-TABLE)
      "Unspecified vomiting of pregnancy")
(SETF (GETHASH '"644" ICD9-HASH-TABLE) "Early or threatened labor")
(SETF (GETHASH '"644.0" ICD9-HASH-TABLE) "Threatened premature labor")
(SETF (GETHASH '"644.1" ICD9-HASH-TABLE) "Other threatened labor")
(SETF (GETHASH '"644.2" ICD9-HASH-TABLE) "Early onset of delivery")
(SETF (GETHASH '"645" ICD9-HASH-TABLE) "Prolonged pregnancy")
(SETF (GETHASH '"646" ICD9-HASH-TABLE)
      "Other complications of pregnancy, not elsewhere classified")
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(SETF (GETHASH '"646.0" ICD9-HASH-TABLE) "Papyraceous fetus")
(SETF (GETHASH '"646.1" ICD9-HASH-TABLE)
      "Edema or excessive weight gain in pregnancy, without mention of hypertension")
(SETF (GETHASH '"646.2" ICD9-HASH-TABLE)
      "Unspecified renal disease in pregnancy, without mention of hypertension")
(SETF (GETHASH '"646.3" ICD9-HASH-TABLE) "Habitual aborter")
(SETF (GETHASH '"646.4" ICD9-HASH-TABLE)
      "Peripheral neuritis in pregnancy")
(SETF (GETHASH '"646.5" ICD9-HASH-TABLE)
      "Asymptomatic bacteriuria in pregnancy")
(SETF (GETHASH '"646.6" ICD9-HASH-TABLE)
      "Infections of genitourinary tract in pregnancy")
(SETF (GETHASH '"646.7" ICD9-HASH-TABLE) "Liver disorders in pregnancy")
(SETF (GETHASH '"646.8" ICD9-HASH-TABLE)
      "Other specified complications of pregnancy")
(SETF (GETHASH '"646.9" ICD9-HASH-TABLE)
      "Unspecified complication of pregnancy")
(SETF (GETHASH '"647" ICD9-HASH-TABLE)
      "Infectious and parasitic conditions in the mother classifiable elsewhere, but complicating pregnancy, childbirth, or the puerperium")
(SETF (GETHASH '"647.0" ICD9-HASH-TABLE) "Syphilis")
(SETF (GETHASH '"647.1" ICD9-HASH-TABLE) "Gonorrhea")
(SETF (GETHASH '"647.2" ICD9-HASH-TABLE) "Other venereal diseases")
(SETF (GETHASH '"647.3" ICD9-HASH-TABLE) "Tuberculosis")
(SETF (GETHASH '"647.4" ICD9-HASH-TABLE) "Malaria")
(SETF (GETHASH '"647.5" ICD9-HASH-TABLE) "Rubella")
(SETF (GETHASH '"647.6" ICD9-HASH-TABLE) "Other viral diseases")
(SETF (GETHASH '"647.8" ICD9-HASH-TABLE)
      "Other specified infectious and parasitic diseases")
(SETF (GETHASH '"647.9" ICD9-HASH-TABLE)
      "Unspecified infection or infestation")
(SETF (GETHASH '"648" ICD9-HASH-TABLE)
      "Other current conditions in the mother classifiable elsewhere, but complicating pregnancy, childbirth, or the the puerperium")
(SETF (GETHASH '"648.0" ICD9-HASH-TABLE) "Diabetes mellitus")
(SETF (GETHASH '"648.1" ICD9-HASH-TABLE) "Thyroid dysfunction")
(SETF (GETHASH '"648.2" ICD9-HASH-TABLE) "Anemia")
(SETF (GETHASH '"648.3" ICD9-HASH-TABLE) "Drug dependence")
(SETF (GETHASH '"648.4" ICD9-HASH-TABLE) "Mental disorders")
(SETF (GETHASH '"648.5" ICD9-HASH-TABLE)
      "Congenital cardiovascular disorders")
(SETF (GETHASH '"648.7" ICD9-HASH-TABLE)
      "Bone and joint disorders of back, pelvis, and lower limbs")
(SETF (GETHASH '"648.8" ICD9-HASH-TABLE) "Abnormal glucose tolerance")
(SETF (GETHASH '"648.9" ICD9-HASH-TABLE)
      "Other current conditions classifiable elsewhere")
(SETF (GETHASH '"650" ICD9-HASH-TABLE) "Normal delivery ")
(SETF (GETHASH '"651" ICD9-HASH-TABLE) "Multiple gestation")
(SETF (GETHASH '"651.0" ICD9-HASH-TABLE) "Twin pregnancy")
(SETF (GETHASH '"651.1" ICD9-HASH-TABLE) "Triplet pregnancy")
(SETF (GETHASH '"651.2" ICD9-HASH-TABLE) "Quadruplet pregnancy")
(SETF (GETHASH '"651.3" ICD9-HASH-TABLE)
      "Twin pregnancy with fetal loss and retention of one fetus")

(SETF (GETHASH '"651.4" ICD9-HASH-TABLE)
      "Triplet pregnancy with fetal loss and retention of one or more fetus(es)")
(SETF (GETHASH '"651.5" ICD9-HASH-TABLE)
      "Quadruplet pregnancy with fetal loss and retention of one or more fetus(es)")
(SETF (GETHASH '"651.6" ICD9-HASH-TABLE)
      "Other multiple pregnancy with fetal loss and retention of one or more fetus(es)")
(SETF (GETHASH '"651.8" ICD9-HASH-TABLE)
      "Other specified multiple gestation")
(SETF (GETHASH '"651.9" ICD9-HASH-TABLE)
      "Unspecified multiple gestation")
(SETF (GETHASH '"652" ICD9-HASH-TABLE)
      "Malposition and malpresentation of fetus")
(SETF (GETHASH '"652.0" ICD9-HASH-TABLE) "Unstable lie")
(SETF (GETHASH '"652.1" ICD9-HASH-TABLE)
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      "Breech or other malpresentation successfully converted to cephalic presentation")
(SETF (GETHASH '"652.2" ICD9-HASH-TABLE)
      "Breech presentation without mention of version")
(SETF (GETHASH '"652.3" ICD9-HASH-TABLE)
      "Transverse or oblique presentation")
(SETF (GETHASH '"652.4" ICD9-HASH-TABLE) "Face or brow presentation")
(SETF (GETHASH '"652.5" ICD9-HASH-TABLE) "High head at term")
(SETF (GETHASH '"652.6" ICD9-HASH-TABLE)
      "Multiple gestation with malpresentation of one fetus or more")
(SETF (GETHASH '"652.7" ICD9-HASH-TABLE) "Prolapsed arm")
(SETF (GETHASH '"652.8" ICD9-HASH-TABLE)
      "Other specified malposition or malpresentation")
(SETF (GETHASH '"652.9" ICD9-HASH-TABLE)
      "Unspecified malposition or malpresentation")
(SETF (GETHASH '"653" ICD9-HASH-TABLE) "Disproportion")
(SETF (GETHASH '"653.0" ICD9-HASH-TABLE)
      "Major abnormality of bony pelvis, not further specified")
(SETF (GETHASH '"653.1" ICD9-HASH-TABLE) "Generally contracted pelvis")
(SETF (GETHASH '"653.2" ICD9-HASH-TABLE) "Inlet contraction of pelvis")
(SETF (GETHASH '"653.3" ICD9-HASH-TABLE) "Outlet contraction of pelvis")
(SETF (GETHASH '"653.4" ICD9-HASH-TABLE) "Fetopelvic disproportion")
(SETF (GETHASH '"653.5" ICD9-HASH-TABLE)
      "Unusually large fetus causing disproportion")
(SETF (GETHASH '"653.6" ICD9-HASH-TABLE)
      "Hydrocephalic fetus causing disproportion")
(SETF (GETHASH '"653.7" ICD9-HASH-TABLE)
      "Other fetal abnormality causing disproportion")
(SETF (GETHASH '"653.8" ICD9-HASH-TABLE) "Disproportion of other origin")
(SETF (GETHASH '"653.9" ICD9-HASH-TABLE) "Unspecified disproportion")
(SETF (GETHASH '"654" ICD9-HASH-TABLE)
      "Abnormality of organs and soft tissues of pelvis")
(SETF (GETHASH '"654.0" ICD9-HASH-TABLE)
      "Congenital abnormalities of uterus")
(SETF (GETHASH '"654.1" ICD9-HASH-TABLE) "Tumors of body of uterus")
(SETF (GETHASH '"654.2" ICD9-HASH-TABLE) "Previous cesarean delivery")
(SETF (GETHASH '"654.3" ICD9-HASH-TABLE)
      "Retroverted and incarcerated gravid uterus")
(SETF (GETHASH '"654.4" ICD9-HASH-TABLE)
      "Other abnormalities in shape or position of gravid uterus and of neighboring structures")
(SETF (GETHASH '"654.5" ICD9-HASH-TABLE) "Cervical incompetence")
(SETF (GETHASH '"654.6" ICD9-HASH-TABLE)
      "Other congenital or acquired abnormality of cervix")
(SETF (GETHASH '"654.7" ICD9-HASH-TABLE)
      "Congenital or acquired abnormality of vagina")
(SETF (GETHASH '"654.8" ICD9-HASH-TABLE)
      "Congenital or acquired abnormality of vulva")
(SETF (GETHASH '"654.9" ICD9-HASH-TABLE) "Other and unspecified")
(SETF (GETHASH '"655" ICD9-HASH-TABLE)
      "Known or suspected fetal abnormality affecting management of mother")
(SETF (GETHASH '"655.0" ICD9-HASH-TABLE)
      "Central nervous system malformation in fetus")
(SETF (GETHASH '"655.1" ICD9-HASH-TABLE)
      "Chromosomal abnormality in fetus")
(SETF (GETHASH '"655.2" ICD9-HASH-TABLE)
      "Hereditary disease in family possibly affecting fetus")
(SETF (GETHASH '"655.3" ICD9-HASH-TABLE)
      "Suspected damage to fetus from viral disease in the mother")
(SETF (GETHASH '"655.4" ICD9-HASH-TABLE)
      "Suspected damage to fetus from other disease in the mother")
(SETF (GETHASH '"655.5" ICD9-HASH-TABLE)
      "Suspected damage to fetus from drugs")
(SETF (GETHASH '"655.6" ICD9-HASH-TABLE)
      "Suspected damage to fetus from radiation")
(SETF (GETHASH '"655.7" ICD9-HASH-TABLE) "Decreased fetal movements")
(SETF (GETHASH '"655.8" ICD9-HASH-TABLE)
      "Other known or suspected fetal abnormality, not elsewhere classified")
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(SETF (GETHASH '"655.9" ICD9-HASH-TABLE) "Unspecified")
(SETF (GETHASH '"656" ICD9-HASH-TABLE)
      "Other fetal and placental problems affecting management of mother")
(SETF (GETHASH '"656.0" ICD9-HASH-TABLE) "Fetal-maternal hemorrhage")
(SETF (GETHASH '"656.1" ICD9-HASH-TABLE) "Rhesus isoimmunization")
(SETF (GETHASH '"656.2" ICD9-HASH-TABLE)
      "Isoimmunization from other and unspecified blood-group incompatibility")
(SETF (GETHASH '"656.3" ICD9-HASH-TABLE) "Fetal distress")
(SETF (GETHASH '"656.4" ICD9-HASH-TABLE) "Intrauterine death")
(SETF (GETHASH '"656.5" ICD9-HASH-TABLE) "Poor fetal growth")
(SETF (GETHASH '"656.6" ICD9-HASH-TABLE) "Excessive fetal growth")
(SETF (GETHASH '"656.7" ICD9-HASH-TABLE) "Other placental conditions")
(SETF (GETHASH '"656.8" ICD9-HASH-TABLE)
      "Other specified fetal and placental problems")
(SETF (GETHASH '"656.9" ICD9-HASH-TABLE)
      "Unspecified fetal and placental problem")
(SETF (GETHASH '"657" ICD9-HASH-TABLE) "Polyhydramnios")
(SETF (GETHASH '"658" ICD9-HASH-TABLE)
      "Other problems associated with amniotic cavity and membranes")
(SETF (GETHASH '"658.0" ICD9-HASH-TABLE) "Oligohydramnios")
(SETF (GETHASH '"658.1" ICD9-HASH-TABLE)
      "Premature rupture of membranes")
(SETF (GETHASH '"658.2" ICD9-HASH-TABLE)
      "Delayed delivery after spontaneous or unspecified rupture of membranes")
(SETF (GETHASH '"658.3" ICD9-HASH-TABLE)
      "Delayed delivery after artificial rupture of membranes")
(SETF (GETHASH '"658.4" ICD9-HASH-TABLE) "Infection of amniotic cavity")
(SETF (GETHASH '"658.8" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"658.9" ICD9-HASH-TABLE) "Unspecified")
(SETF (GETHASH '"659" ICD9-HASH-TABLE)
      "Other indiciations for care or intervention related to labor and delivery, not elsewhere classified")
(SETF (GETHASH '"659.0" ICD9-HASH-TABLE) "Failed mechanical induction")
(SETF (GETHASH '"659.1" ICD9-HASH-TABLE)
      "Failed medical or unspecified induction")
(SETF (GETHASH '"659.2" ICD9-HASH-TABLE)
      "Maternal pyrexia during labor, unspecified")
(SETF (GETHASH '"659.3" ICD9-HASH-TABLE)
      "Generalized infection during labor")
(SETF (GETHASH '"659.4" ICD9-HASH-TABLE) "Grand multiparity")
(SETF (GETHASH '"659.5" ICD9-HASH-TABLE) "Elderly primigravida")
(SETF (GETHASH '"659.6" ICD9-HASH-TABLE) "Other advanced maternal age")
(SETF (GETHASH '"659.8" ICD9-HASH-TABLE)
      "Other specified indications for care or intervention related to labor and delivery")
(SETF (GETHASH '"659.9" ICD9-HASH-TABLE)
      "Unspecified indication for care or intervention related to labor and delivery")
(SETF (GETHASH '"660" ICD9-HASH-TABLE) "Obstructed labor")
(SETF (GETHASH '"660.0" ICD9-HASH-TABLE)
      "Obstruction caused by malposition of fetus at onset of labor")
(SETF (GETHASH '"660.1" ICD9-HASH-TABLE) "Obstruction by bony pelvis")
(SETF (GETHASH '"660.2" ICD9-HASH-TABLE)
      "Obstruction by abnormal pelvic soft tissues")
(SETF (GETHASH '"660.3" ICD9-HASH-TABLE)
      "Deep transverse arrest and persistent occipitoposterior position")
(SETF (GETHASH '"660.4" ICD9-HASH-TABLE) "Shoulder (girdle) dystocia")
(SETF (GETHASH '"660.5" ICD9-HASH-TABLE) "Locked twins")
(SETF (GETHASH '"660.6" ICD9-HASH-TABLE)
      "Failed trial of labor, unspecified")
(SETF (GETHASH '"660.7" ICD9-HASH-TABLE)
      "Failed forceps or vacuum extractor, unspecified")
(SETF (GETHASH '"660.8" ICD9-HASH-TABLE)
      "Other causes of obstructed labor")
(SETF (GETHASH '"660.9" ICD9-HASH-TABLE) "Unspecified obstructed labor")
(SETF (GETHASH '"661" ICD9-HASH-TABLE) "Abnormality of forces of labor")
(SETF (GETHASH '"661.0" ICD9-HASH-TABLE) "Primary uterine inertia")
(SETF (GETHASH '"661.1" ICD9-HASH-TABLE) "Secondary uterine inertia")
(SETF (GETHASH '"661.2" ICD9-HASH-TABLE)
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      "Other and unspecified uterine inertia")
(SETF (GETHASH '"661.3" ICD9-HASH-TABLE) "Precipitate labor")
(SETF (GETHASH '"661.4" ICD9-HASH-TABLE)
      "Hypertonic, incoordinate, or prolonged uterine contractions")
(SETF (GETHASH '"661.9" ICD9-HASH-TABLE)
      "Unspecified abnormality of labor")
(SETF (GETHASH '"662" ICD9-HASH-TABLE) "Long labor")
(SETF (GETHASH '"662.0" ICD9-HASH-TABLE) "Prolonged first stage")
(SETF (GETHASH '"662.1" ICD9-HASH-TABLE) "Prolonged labor, unspecified")
(SETF (GETHASH '"662.2" ICD9-HASH-TABLE) "Prolonged second stage")
(SETF (GETHASH '"662.3" ICD9-HASH-TABLE)
      "Delayed delivery of second twin, triplet, etc.")
(SETF (GETHASH '"663" ICD9-HASH-TABLE) "Umbilical cord complications")
(SETF (GETHASH '"663.0" ICD9-HASH-TABLE) "Prolapse of cord")
(SETF (GETHASH '"663.1" ICD9-HASH-TABLE)
      "Cord around neck, with compression")
(SETF (GETHASH '"663.2" ICD9-HASH-TABLE)
      "Other and unspecified cord entanglement, with compression")
(SETF (GETHASH '"663.3" ICD9-HASH-TABLE)
      "Other and unspecified cord entanglement, without mention of compression")
(SETF (GETHASH '"663.4" ICD9-HASH-TABLE) "Short cord")
(SETF (GETHASH '"663.5" ICD9-HASH-TABLE) "Vasa previa")
(SETF (GETHASH '"663.6" ICD9-HASH-TABLE) "Vascular lesions of cord")
(SETF (GETHASH '"663.8" ICD9-HASH-TABLE)
      "Other umbilical cord complications")
(SETF (GETHASH '"663.9" ICD9-HASH-TABLE)
      "Unspecified umbilical cord complication")
(SETF (GETHASH '"664" ICD9-HASH-TABLE)
      "Trauma to perineum and vulva during delivery")
(SETF (GETHASH '"664.0" ICD9-HASH-TABLE)
      "First-degree perineal laceration")
(SETF (GETHASH '"664.1" ICD9-HASH-TABLE)
      "Second-degree perineal laceration")
(SETF (GETHASH '"664.2" ICD9-HASH-TABLE)
      "Third-degree perineal laceration")
(SETF (GETHASH '"664.3" ICD9-HASH-TABLE)
      "Fourth-degree perineal laceration")
(SETF (GETHASH '"664.4" ICD9-HASH-TABLE)
      "Unspecified perineal laceration")
(SETF (GETHASH '"664.5" ICD9-HASH-TABLE) "Vulval and perineal hematoma")
(SETF (GETHASH '"664.8" ICD9-HASH-TABLE)
      "Other specified trauma to perineum and vulva")
(SETF (GETHASH '"664.9" ICD9-HASH-TABLE)
      "Unspecified trauma to perineum and vulva")
(SETF (GETHASH '"665" ICD9-HASH-TABLE) "Other obstetrical trauma")
(SETF (GETHASH '"665.0" ICD9-HASH-TABLE)
      "Rupture of uterus before onset of labor")
(SETF (GETHASH '"665.1" ICD9-HASH-TABLE)
      "Rupture of uterus during labor")
(SETF (GETHASH '"665.2" ICD9-HASH-TABLE) "Inversion of uterus")
(SETF (GETHASH '"665.3" ICD9-HASH-TABLE) "Laceration of cervix")
(SETF (GETHASH '"665.4" ICD9-HASH-TABLE) "High vaginal laceration")
(SETF (GETHASH '"665.5" ICD9-HASH-TABLE) "Other injury to pelvic organs")
(SETF (GETHASH '"665.6" ICD9-HASH-TABLE)
      "Damage to pelvic joints and ligaments")
(SETF (GETHASH '"665.7" ICD9-HASH-TABLE) "Pelvic hematoma")
(SETF (GETHASH '"665.8" ICD9-HASH-TABLE)
      "Other specified obstetrical trauma")
(SETF (GETHASH '"665.9" ICD9-HASH-TABLE)
      "Unspecified obstetrical trauma")
(SETF (GETHASH '"666" ICD9-HASH-TABLE) "Postpartum hemorrhage")
(SETF (GETHASH '"666.0" ICD9-HASH-TABLE) "Third-stage hemorrhage")
(SETF (GETHASH '"666.1" ICD9-HASH-TABLE)
      "Other immediate postpartum hemorrhage")
(SETF (GETHASH '"666.2" ICD9-HASH-TABLE)
      "Delayed and secondary postpartum hemorrhage")
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(SETF (GETHASH '"666.3" ICD9-HASH-TABLE)
      "Postpartum coagulation defects")
(SETF (GETHASH '"667" ICD9-HASH-TABLE)
      "Retained placenta without hemorrhage")
(SETF (GETHASH '"667.0" ICD9-HASH-TABLE)
      "Retained placenta without hemorrhage")
(SETF (GETHASH '"667.1" ICD9-HASH-TABLE)
      "Retained portions of placenta or membranes, without hemorrhage")
(SETF (GETHASH '"668" ICD9-HASH-TABLE)
      "Complications of the administration of anesthetic or other sedation in labor and delivery")
(SETF (GETHASH '"668.0" ICD9-HASH-TABLE) "Pulmonary complications")
(SETF (GETHASH '"668.1" ICD9-HASH-TABLE) "Cardiac complications")
(SETF (GETHASH '"668.2" ICD9-HASH-TABLE)
      "Central nervous system complications")
(SETF (GETHASH '"668.8" ICD9-HASH-TABLE)
      "Other complications of anesthesia or other sedation in labor and delivery")
(SETF (GETHASH '"668.9" ICD9-HASH-TABLE)
      "Unspecified complication of anesthesia and other sedation")
(SETF (GETHASH '"669" ICD9-HASH-TABLE)
      "Other complications of labor and delivery, not elsewhere classified")
(SETF (GETHASH '"669.0" ICD9-HASH-TABLE) "Maternal distress")
(SETF (GETHASH '"669.1" ICD9-HASH-TABLE)
      "Shock during or following labor and delivery")
(SETF (GETHASH '"669.2" ICD9-HASH-TABLE) "Maternal hypotension syndrome")
(SETF (GETHASH '"669.3" ICD9-HASH-TABLE)
      "Acute renal failure following labor and delivery")
(SETF (GETHASH '"669.4" ICD9-HASH-TABLE)
      "Other complications of obstetrical surgery and procedures")
(SETF (GETHASH '"669.5" ICD9-HASH-TABLE)
      "Forceps or vacuum extractor delivery without mention of indication")
(SETF (GETHASH '"669.6" ICD9-HASH-TABLE)
      "Breech extraction, without mention of indication")
(SETF (GETHASH '"669.7" ICD9-HASH-TABLE)
      "Cesarean delivery, without mention of indication")
(SETF (GETHASH '"669.8" ICD9-HASH-TABLE)
      "Other complications of labor and delivery")
(SETF (GETHASH '"669.9" ICD9-HASH-TABLE)
      "Unspecified complication of labor and delivery")
(SETF (GETHASH '"670" ICD9-HASH-TABLE) "Major puerperal infection")
(SETF (GETHASH '"671" ICD9-HASH-TABLE)
      "Venous complications in pregnancy and the puerperium")
(SETF (GETHASH '"671.0" ICD9-HASH-TABLE) "Varicose veins of legs")
(SETF (GETHASH '"671.1" ICD9-HASH-TABLE)
      "Varicose veins of vulva and perineum")
(SETF (GETHASH '"671.2" ICD9-HASH-TABLE) "Superficial thrombophlebitis")
(SETF (GETHASH '"671.3" ICD9-HASH-TABLE)
      "Deep phlebothrombosis, antepartum")
(SETF (GETHASH '"671.4" ICD9-HASH-TABLE)
      "Deep phlebothrombosis, postpartum")
(SETF (GETHASH '"671.5" ICD9-HASH-TABLE)
      "Other phlebitis and thrombosis")
(SETF (GETHASH '"671.8" ICD9-HASH-TABLE) "Other venous complications")
(SETF (GETHASH '"671.9" ICD9-HASH-TABLE)
      "Unspecified venous complication")
(SETF (GETHASH '"672" ICD9-HASH-TABLE)
      "Pyrexia of unknown origin during the puerperium")
(SETF (GETHASH '"673" ICD9-HASH-TABLE) "Obstetrical pulmonary embolism")
(SETF (GETHASH '"673.0" ICD9-HASH-TABLE) "Obstetrical air embolism")
(SETF (GETHASH '"673.1" ICD9-HASH-TABLE) "Amniotic fluid embolism")
(SETF (GETHASH '"673.2" ICD9-HASH-TABLE)
      "Obstetrical blood-clot embolism")
(SETF (GETHASH '"673.3" ICD9-HASH-TABLE)
      "Obstetrical pyemic and septic embolism")
(SETF (GETHASH '"673.8" ICD9-HASH-TABLE) "Other pulmonary embolism")
(SETF (GETHASH '"674" ICD9-HASH-TABLE)
      "Other and unspecified complications of the puerperium, not elsewhere classified")
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(SETF (GETHASH '"674.0" ICD9-HASH-TABLE)
      "Cerebrovascular disorders in the puerperium")
(SETF (GETHASH '"674.1" ICD9-HASH-TABLE) "Disruption of cesarean wound")
(SETF (GETHASH '"674.2" ICD9-HASH-TABLE) "Disruption of perineal wound")
(SETF (GETHASH '"674.3" ICD9-HASH-TABLE)
      "Other complications of obstetrical surgical wounds")
(SETF (GETHASH '"674.4" ICD9-HASH-TABLE) "Placental polyp")
(SETF (GETHASH '"674.8" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"674.9" ICD9-HASH-TABLE) "Unspecified")
(SETF (GETHASH '"675" ICD9-HASH-TABLE)
      "Infections of the breast and nipple associated with childbirth")
(SETF (GETHASH '"675.0" ICD9-HASH-TABLE) "Infections of nipple")
(SETF (GETHASH '"675.1" ICD9-HASH-TABLE) "Abscess of breast")
(SETF (GETHASH '"675.2" ICD9-HASH-TABLE) "Nonpurulent mastitis")
(SETF (GETHASH '"675.8" ICD9-HASH-TABLE)
      "Other specified infections of the breast and nipple")
(SETF (GETHASH '"675.9" ICD9-HASH-TABLE)
      "Unspecified infection of the breast and nipple")
(SETF (GETHASH '"676" ICD9-HASH-TABLE)
      "Other disorders of the breast associated with childbirth and disorders of lactation")
(SETF (GETHASH '"676.0" ICD9-HASH-TABLE) "Retracted nipple")
(SETF (GETHASH '"676.1" ICD9-HASH-TABLE) "Cracked nipple")
(SETF (GETHASH '"676.2" ICD9-HASH-TABLE) "Engorgement of breasts")
(SETF (GETHASH '"676.3" ICD9-HASH-TABLE)
      "Other and unspecified disorder of breast")
(SETF (GETHASH '"676.4" ICD9-HASH-TABLE) "Failure of lactation")
(SETF (GETHASH '"676.5" ICD9-HASH-TABLE) "Suppressed lactation")
(SETF (GETHASH '"676.6" ICD9-HASH-TABLE) "Galactorrhea")
(SETF (GETHASH '"676.8" ICD9-HASH-TABLE) "Other disorders of lactation")
(SETF (GETHASH '"676.9" ICD9-HASH-TABLE)
      "Unspecified disorder of lactation")
(SETF (GETHASH '"680" ICD9-HASH-TABLE) "Carbuncle and furuncle")
(SETF (GETHASH '"680.0" ICD9-HASH-TABLE) "Face")
(SETF (GETHASH '"680.1" ICD9-HASH-TABLE) "Neck")
(SETF (GETHASH '"680.2" ICD9-HASH-TABLE) "Trunk")
(SETF (GETHASH '"680.3" ICD9-HASH-TABLE) "Upper arm and forearm")
(SETF (GETHASH '"680.4" ICD9-HASH-TABLE) "Hand")
(SETF (GETHASH '"680.5" ICD9-HASH-TABLE) "Buttock")
(SETF (GETHASH '"680.6" ICD9-HASH-TABLE) "Leg, except foot")
(SETF (GETHASH '"680.7" ICD9-HASH-TABLE) "Foot")
(SETF (GETHASH '"680.8" ICD9-HASH-TABLE) "Other specified sites")
(SETF (GETHASH '"680.9" ICD9-HASH-TABLE) "Unspecified site")
(SETF (GETHASH '"681" ICD9-HASH-TABLE)
      "Cellulitis and abscess of finger and toe")
(SETF (GETHASH '"681.0" ICD9-HASH-TABLE) "Finger")
(SETF (GETHASH '"681.00" ICD9-HASH-TABLE)
      "Cellulitis and abscess, unspecified")
(SETF (GETHASH '"681.01" ICD9-HASH-TABLE) "Felon")
(SETF (GETHASH '"681.02" ICD9-HASH-TABLE)
      "Onychia and paronychia of finger")
(SETF (GETHASH '"681.1" ICD9-HASH-TABLE) "Toe")
(SETF (GETHASH '"681.10" ICD9-HASH-TABLE)
      "Cellulitis and abscess, unspecified")
(SETF (GETHASH '"681.11" ICD9-HASH-TABLE)
      "Onychia and paronychia of toe")
(SETF (GETHASH '"681.9" ICD9-HASH-TABLE)
      "Cellulitis and abscess of unspecified digit")
(SETF (GETHASH '"682" ICD9-HASH-TABLE) "Other cellulitis and abscess")
(SETF (GETHASH '"682.0" ICD9-HASH-TABLE) "Face")
(SETF (GETHASH '"682.1" ICD9-HASH-TABLE) "Neck")
(SETF (GETHASH '"682.2" ICD9-HASH-TABLE) "Trunk")
(SETF (GETHASH '"682.3" ICD9-HASH-TABLE) "Upper arm and forearm")
(SETF (GETHASH '"682.4" ICD9-HASH-TABLE)
      "Hand, except fingers and thumb")
(SETF (GETHASH '"682.5" ICD9-HASH-TABLE) "Buttock")
(SETF (GETHASH '"682.6" ICD9-HASH-TABLE) "Leg, except foot")
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(SETF (GETHASH '"682.7" ICD9-HASH-TABLE) "Foot, except toes")
(SETF (GETHASH '"682.8" ICD9-HASH-TABLE) "Other specified sites")
(SETF (GETHASH '"682.9" ICD9-HASH-TABLE) "Unspecified site")
(SETF (GETHASH '"683" ICD9-HASH-TABLE) "Acute lymphadenitis")
(SETF (GETHASH '"684" ICD9-HASH-TABLE) "Impetigo")
(SETF (GETHASH '"685" ICD9-HASH-TABLE) "Pilonidal cyst")
(SETF (GETHASH '"685.0" ICD9-HASH-TABLE) "With abscess")
(SETF (GETHASH '"685.1" ICD9-HASH-TABLE) "Without mention of abscess")
(SETF (GETHASH '"686" ICD9-HASH-TABLE)
      "Other local infections of skin and subcutaneous tissue")
(SETF (GETHASH '"686.0" ICD9-HASH-TABLE) "Pyoderma")
(SETF (GETHASH '"686.00" ICD9-HASH-TABLE) "Pyoderma unspecified")
(SETF (GETHASH '"686.01" ICD9-HASH-TABLE) "Pyoderma gangrenosum")
(SETF (GETHASH '"686.1" ICD9-HASH-TABLE) "Pyogenic granuloma")
(SETF (GETHASH '"686.8" ICD9-HASH-TABLE)
      "Other specified local infections of skin and subcutaneous tissue")
(SETF (GETHASH '"686.9" ICD9-HASH-TABLE)
      "Unspecified local infection of skin and subcutaneous tissue")
(SETF (GETHASH '"690" ICD9-HASH-TABLE) "Erythematosquamous dermatosis")
(SETF (GETHASH '"690.1" ICD9-HASH-TABLE) "Seborrheic dermatitis")
(SETF (GETHASH '"690.10" ICD9-HASH-TABLE)
      "Seborheic dermatitis, unspecified")
(SETF (GETHASH '"690.11" ICD9-HASH-TABLE) "Seborrhea capitis")
(SETF (GETHASH '"690.12" ICD9-HASH-TABLE)
      "Seborrheic infantile dermatitis")
(SETF (GETHASH '"690.18" ICD9-HASH-TABLE) "Other seborrheic dermatitis")
(SETF (GETHASH '"690.8" ICD9-HASH-TABLE)
      "Other erythematosquamous dermatosis")
(SETF (GETHASH '"691" ICD9-HASH-TABLE)
      "Atopic dermatitis and related conditions")
(SETF (GETHASH '"691.0" ICD9-HASH-TABLE) "Diaper or napkin rash")
(SETF (GETHASH '"691.8" ICD9-HASH-TABLE)
      "Other atopic dermatitis and related conditions")
(SETF (GETHASH '"692" ICD9-HASH-TABLE)
      "Contact dermatitis and other eczema")
(SETF (GETHASH '"692.0" ICD9-HASH-TABLE) "Due to detergents")
(SETF (GETHASH '"692.1" ICD9-HASH-TABLE) "Due to oils and greases")
(SETF (GETHASH '"692.2" ICD9-HASH-TABLE) "Due to solvents")
(SETF (GETHASH '"692.3" ICD9-HASH-TABLE)
      "Due to drugs and medicines in contact with skin")
(SETF (GETHASH '"692.4" ICD9-HASH-TABLE)
      "Due to other chemical products")
(SETF (GETHASH '"692.5" ICD9-HASH-TABLE)
      "Due to food in contact with skin")
(SETF (GETHASH '"692.6" ICD9-HASH-TABLE) "Due to plants [except food]")
(SETF (GETHASH '"692.7" ICD9-HASH-TABLE) "Due to solar radiation")
(SETF (GETHASH '"692.70" ICD9-HASH-TABLE)
      "Unspecified dermatitis due to sun")
(SETF (GETHASH '"692.71" ICD9-HASH-TABLE) "Sunburn")
(SETF (GETHASH '"692.72" ICD9-HASH-TABLE)
      "Acute dermatitis due to solar radiation")
(SETF (GETHASH '"692.73" ICD9-HASH-TABLE)
      "Actinic reticuloid and actinic granuloma")
(SETF (GETHASH '"692.74" ICD9-HASH-TABLE)
      "Other chronic dermatitis due to solar radiation")
(SETF (GETHASH '"692.79" ICD9-HASH-TABLE)
      "Other dermatitis due to solar radiation")
(SETF (GETHASH '"692.8" ICD9-HASH-TABLE) "Due to other specified agents")
(SETF (GETHASH '"692.81" ICD9-HASH-TABLE) "Dermatitis due to cosmetics")
(SETF (GETHASH '"692.82" ICD9-HASH-TABLE)
      "Dermatitis due to other radiation")
(SETF (GETHASH '"692.83" ICD9-HASH-TABLE) "Dermatitis due to metals")
(SETF (GETHASH '"692.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"692.9" ICD9-HASH-TABLE) "Unspecified cause")
(SETF (GETHASH '"693" ICD9-HASH-TABLE)
      "Dermatitis due to substances taken internally")
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(SETF (GETHASH '"693.0" ICD9-HASH-TABLE) "Due to drugs and medicines")
(SETF (GETHASH '"693.1" ICD9-HASH-TABLE) "Due to food")
(SETF (GETHASH '"693.8" ICD9-HASH-TABLE)
      "Due to other specified substances taken internally")
(SETF (GETHASH '"693.9" ICD9-HASH-TABLE)
      "Due to unspecified substance taken internally")
(SETF (GETHASH '"694" ICD9-HASH-TABLE) "Bullous dermatoses")
(SETF (GETHASH '"694.0" ICD9-HASH-TABLE) "Dermatitis herpetiformis")
(SETF (GETHASH '"694.1" ICD9-HASH-TABLE)
      "Subcorneal pustular dermatosis")
(SETF (GETHASH '"694.2" ICD9-HASH-TABLE)
      "Juvenile dermatitis herpetiformis")
(SETF (GETHASH '"694.3" ICD9-HASH-TABLE) "Impetigo herpetiformis")
(SETF (GETHASH '"694.4" ICD9-HASH-TABLE) "Pemphigus")
(SETF (GETHASH '"694.5" ICD9-HASH-TABLE) "Pemphigoid")
(SETF (GETHASH '"694.6" ICD9-HASH-TABLE)
      "Benign mucous membrane pemphigoid")
(SETF (GETHASH '"694.60" ICD9-HASH-TABLE)
      "Without mention of ocular involvement")
(SETF (GETHASH '"694.61" ICD9-HASH-TABLE) "With ocular involvement")
(SETF (GETHASH '"694.8" ICD9-HASH-TABLE)
      "Other specified bullous dermatoses")
(SETF (GETHASH '"694.9" ICD9-HASH-TABLE)
      "Unspecified bullous dermatoses")
(SETF (GETHASH '"695" ICD9-HASH-TABLE) "Erythematous conditions")
(SETF (GETHASH '"695.0" ICD9-HASH-TABLE) "Toxic erythema")
(SETF (GETHASH '"695.1" ICD9-HASH-TABLE) "Erythema multiforme")
(SETF (GETHASH '"695.2" ICD9-HASH-TABLE) "Erythema nodosum")
(SETF (GETHASH '"695.3" ICD9-HASH-TABLE) "Rosacea")
(SETF (GETHASH '"695.4" ICD9-HASH-TABLE) "Lupus erythematosus")
(SETF (GETHASH '"695.8" ICD9-HASH-TABLE)
      "Other specified erythematous conditions")
(SETF (GETHASH '"695.81" ICD9-HASH-TABLE) "Ritter's disease")
(SETF (GETHASH '"695.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"695.9" ICD9-HASH-TABLE)
      "Unspecified erythematous condition")
(SETF (GETHASH '"696" ICD9-HASH-TABLE) "Psoriasis and similar disorders")
(SETF (GETHASH '"696.0" ICD9-HASH-TABLE) "Psoriatic arthropathy")
(SETF (GETHASH '"696.1" ICD9-HASH-TABLE) "Other psoriasis")
(SETF (GETHASH '"696.2" ICD9-HASH-TABLE) "Parapsoriasis")
(SETF (GETHASH '"696.3" ICD9-HASH-TABLE) "Pityriasis rosea")
(SETF (GETHASH '"696.4" ICD9-HASH-TABLE) "Pityriasis rubra pilaris")
(SETF (GETHASH '"696.5" ICD9-HASH-TABLE)
      "Other and unspecified pityriasis")
(SETF (GETHASH '"696.8" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"697" ICD9-HASH-TABLE) "Lichen")
(SETF (GETHASH '"697.0" ICD9-HASH-TABLE) "Lichen planus")
(SETF (GETHASH '"697.1" ICD9-HASH-TABLE) "Lichen nitidus")
(SETF (GETHASH '"697.8" ICD9-HASH-TABLE)
      "Other lichen, not elsewhere classified")
(SETF (GETHASH '"697.9" ICD9-HASH-TABLE) "Lichen, unspecified")
(SETF (GETHASH '"698" ICD9-HASH-TABLE) "Pruritus and related conditions")
(SETF (GETHASH '"698.0" ICD9-HASH-TABLE) "Pruritus ani")
(SETF (GETHASH '"698.1" ICD9-HASH-TABLE) "Pruritus of genital organs")
(SETF (GETHASH '"698.2" ICD9-HASH-TABLE) "Prurigo")
(SETF (GETHASH '"698.3" ICD9-HASH-TABLE)
      "Lichenification and lichen simplex chronicus")
(SETF (GETHASH '"698.4" ICD9-HASH-TABLE)
      "Dermatitis factitia [artefacta]")
(SETF (GETHASH '"698.8" ICD9-HASH-TABLE)
      "Other specified pruritic conditions")
(SETF (GETHASH '"698.9" ICD9-HASH-TABLE) "Unspecified pruritic disorder")
(SETF (GETHASH '"700" ICD9-HASH-TABLE) "Corns and callosities")
(SETF (GETHASH '"701" ICD9-HASH-TABLE)
      "Other hypertrophic and atrophic conditions of skin")
(SETF (GETHASH '"701.0" ICD9-HASH-TABLE) "Circumscribed scleroderma")
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(SETF (GETHASH '"701.1" ICD9-HASH-TABLE) "Keratoderma, acquired")
(SETF (GETHASH '"701.2" ICD9-HASH-TABLE) "Acquired acanthosis nigricans")
(SETF (GETHASH '"701.3" ICD9-HASH-TABLE) "Striae atrophicae")
(SETF (GETHASH '"701.4" ICD9-HASH-TABLE) "Keloid scar")
(SETF (GETHASH '"701.5" ICD9-HASH-TABLE)
      "Other abnormal granulation tissue")
(SETF (GETHASH '"701.8" ICD9-HASH-TABLE)
      "Other specified hypertrophic and atrophic conditions of skin")
(SETF (GETHASH '"701.9" ICD9-HASH-TABLE)
      "Unspecified hypertrophic and atrophic conditions of skin")
(SETF (GETHASH '"702" ICD9-HASH-TABLE) "Other dermatoses")
(SETF (GETHASH '"702.0" ICD9-HASH-TABLE) "Actinic keratosis")
(SETF (GETHASH '"702.1" ICD9-HASH-TABLE) "Seborrheic keratosis")
(SETF (GETHASH '"702.11" ICD9-HASH-TABLE)
      "Inflamed seborrheic keratosis")
(SETF (GETHASH '"702.19" ICD9-HASH-TABLE) "Other seborrheic keratosis")
(SETF (GETHASH '"702.8" ICD9-HASH-TABLE) "Other specified dermatoses")
(SETF (GETHASH '"703" ICD9-HASH-TABLE) "Diseases of nail")
(SETF (GETHASH '"703.0" ICD9-HASH-TABLE) "Ingrowing nail")
(SETF (GETHASH '"703.8" ICD9-HASH-TABLE)
      "Other specified diseases of nail")
(SETF (GETHASH '"703.9" ICD9-HASH-TABLE) "Unspecified disease of nail")
(SETF (GETHASH '"704" ICD9-HASH-TABLE)
      "Diseases of hair and hair follicles")
(SETF (GETHASH '"704.0" ICD9-HASH-TABLE) "Alopecia")
(SETF (GETHASH '"704.00" ICD9-HASH-TABLE) "Alopecia, unspecified")
(SETF (GETHASH '"704.01" ICD9-HASH-TABLE) "Alopecia areata")
(SETF (GETHASH '"704.02" ICD9-HASH-TABLE) "Telogen effluvium")
(SETF (GETHASH '"704.09" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"704.1" ICD9-HASH-TABLE) "Hirsutism")
(SETF (GETHASH '"704.2" ICD9-HASH-TABLE) "Abnormalities of the hair")
(SETF (GETHASH '"704.3" ICD9-HASH-TABLE) "Variations in hair color")
(SETF (GETHASH '"704.8" ICD9-HASH-TABLE)
      "Other specified diseases of hair and hair follicles")
(SETF (GETHASH '"704.9" ICD9-HASH-TABLE)
      "Unspecified disease of hair and hair follicles")
(SETF (GETHASH '"705" ICD9-HASH-TABLE) "Disorders of sweat glands")
(SETF (GETHASH '"705.0" ICD9-HASH-TABLE) "Anhidrosis")
(SETF (GETHASH '"705.1" ICD9-HASH-TABLE) "Prickly heat")
(SETF (GETHASH '"705.8" ICD9-HASH-TABLE)
      "Other specified disorders of sweat glands")
(SETF (GETHASH '"705.81" ICD9-HASH-TABLE) "Dyshidrosis")
(SETF (GETHASH '"705.82" ICD9-HASH-TABLE) "Fox-Fordyce disease")
(SETF (GETHASH '"705.83" ICD9-HASH-TABLE) "Hidradenitis")
(SETF (GETHASH '"705.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"705.9" ICD9-HASH-TABLE)
      "Unspecified disorder of sweat glands")
(SETF (GETHASH '"706" ICD9-HASH-TABLE) "Diseases of sebaceous glands")
(SETF (GETHASH '"706.0" ICD9-HASH-TABLE) "Acne varioliformis")
(SETF (GETHASH '"706.1" ICD9-HASH-TABLE) "Other acne")
(SETF (GETHASH '"706.2" ICD9-HASH-TABLE) "Sebaceous cyst")
(SETF (GETHASH '"706.3" ICD9-HASH-TABLE) "Seborrhea")
(SETF (GETHASH '"706.8" ICD9-HASH-TABLE)
      "Other specified diseases of sebaceous glands")
(SETF (GETHASH '"706.9" ICD9-HASH-TABLE)
      "Unspecified disease of sebaceous glands")
(SETF (GETHASH '"707" ICD9-HASH-TABLE) "Chronic ulcer of skin")
(SETF (GETHASH '"707.0" ICD9-HASH-TABLE) "Decubitus ulcer")
(SETF (GETHASH '"707.1" ICD9-HASH-TABLE)
      "Ulcer of lower limbs, except decubitus")
(SETF (GETHASH '"707.8" ICD9-HASH-TABLE)
      "Chronic ulcer of other specified sites")
(SETF (GETHASH '"707.9" ICD9-HASH-TABLE)
      "Chronic ulcer of unspecified site")
(SETF (GETHASH '"708" ICD9-HASH-TABLE) "Urticaria")
(SETF (GETHASH '"708.0" ICD9-HASH-TABLE) "Allergic urticaria")
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(SETF (GETHASH '"708.1" ICD9-HASH-TABLE) "Idiopathic urticaria")
(SETF (GETHASH '"708.2" ICD9-HASH-TABLE)
      "Urticaria due to cold and heat")
(SETF (GETHASH '"708.3" ICD9-HASH-TABLE) "Dermatographic urticaria")
(SETF (GETHASH '"708.4" ICD9-HASH-TABLE) "Vibratory urticaria")
(SETF (GETHASH '"708.5" ICD9-HASH-TABLE) "Cholinergic urticaria")
(SETF (GETHASH '"708.8" ICD9-HASH-TABLE) "Other specified urticaria")
(SETF (GETHASH '"708.9" ICD9-HASH-TABLE) "Urticaria, unspecified")
(SETF (GETHASH '"709" ICD9-HASH-TABLE)
      "Other disorders of skin and subcutaneous tissue")
(SETF (GETHASH '"709.0" ICD9-HASH-TABLE) "Dyschromia")
(SETF (GETHASH '"709.00" ICD9-HASH-TABLE) "Dyschromia, unspecified")
(SETF (GETHASH '"709.01" ICD9-HASH-TABLE) "Vitiligo")
(SETF (GETHASH '"709.09" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"709.1" ICD9-HASH-TABLE) "Vascular disorders of skin")
(SETF (GETHASH '"709.2" ICD9-HASH-TABLE)
      "Scar conditions and fibrosis of skin")
(SETF (GETHASH '"709.3" ICD9-HASH-TABLE) "Degenerative skin disorders")
(SETF (GETHASH '"709.4" ICD9-HASH-TABLE)
      "Foreign body granuloma of skin and subcutaneous tissue")
(SETF (GETHASH '"709.8" ICD9-HASH-TABLE)
      "Other specified disorders of skin")
(SETF (GETHASH '"709.9" ICD9-HASH-TABLE)
      "Unspecified disorder of skin and subcutaneous tissue")
(SETF (GETHASH '"710" ICD9-HASH-TABLE)
      "Diffuse diseases of connective tissue")
(SETF (GETHASH '"710.0" ICD9-HASH-TABLE) "Systemic lupus erythematosus")
(SETF (GETHASH '"710.1" ICD9-HASH-TABLE) "Systemic sclerosis")
(SETF (GETHASH '"710.2" ICD9-HASH-TABLE) "Sicca syndrome")
(SETF (GETHASH '"710.3" ICD9-HASH-TABLE) "Dermatomyositis")
(SETF (GETHASH '"710.4" ICD9-HASH-TABLE) "Polymyositis")
(SETF (GETHASH '"710.5" ICD9-HASH-TABLE) "Eosinophilia myalgia syndrome")
(SETF (GETHASH '"710.8" ICD9-HASH-TABLE)
      "Other specified diffuse diseases of connective tissue")
(SETF (GETHASH '"710.9" ICD9-HASH-TABLE)
      "Unspecified diffuse connective tissue disease")
(SETF (GETHASH '"711" ICD9-HASH-TABLE)
      "Arthropathy associated with infections")
(SETF (GETHASH '"711.0" ICD9-HASH-TABLE) "Pyogenic arthritis")
(SETF (GETHASH '"711.1" ICD9-HASH-TABLE)
      "Arthropathy associated with Reiter's disease and nonspecific urethritis")
(SETF (GETHASH '"711.2" ICD9-HASH-TABLE)
      "Arthropathy in BehOet's syndrome")
(SETF (GETHASH '"711.3" ICD9-HASH-TABLE) "Postdysentericarthropathy")
(SETF (GETHASH '"711.5" ICD9-HASH-TABLE)
      "Arthropathy associated with other viral diseases")
(SETF (GETHASH '"711.6" ICD9-HASH-TABLE)
      "Arthropathy associated with mycoses")
(SETF (GETHASH '"711.7" ICD9-HASH-TABLE)
      "Arthropathy associated with helminthiasis")
(SETF (GETHASH '"711.8" ICD9-HASH-TABLE)
      "Arthropathy associated with other infectious and parasitic diseases")
(SETF (GETHASH '"711.9" ICD9-HASH-TABLE)
      "Unspecified infective arthritis")
(SETF (GETHASH '"712" ICD9-HASH-TABLE) "Crystal arthropathies")
(SETF (GETHASH '"712.1" ICD9-HASH-TABLE)
      "Chondrocalcinosis due to dicalcium phosphate crystals")
(SETF (GETHASH '"712.2" ICD9-HASH-TABLE)
      "Chondrocalcinosis due to pyrophosphate crystals")
(SETF (GETHASH '"712.3" ICD9-HASH-TABLE)
      "Chondrocalcinosis, unspecified")
(SETF (GETHASH '"712.8" ICD9-HASH-TABLE)
      "Other specified crystal arthropathies")
(SETF (GETHASH '"712.9" ICD9-HASH-TABLE)
      "Unspecified crystal arthropathy")
(SETF (GETHASH '"713" ICD9-HASH-TABLE)
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      "Arthropathy associated with other disorders classified elsewhere")
(SETF (GETHASH '"713.0" ICD9-HASH-TABLE)
      "Arthropathy associated withother endocrine and metabolic disorders")
(SETF (GETHASH '"713.1" ICD9-HASH-TABLE)
      "Arthropathy associated with gastrointestinal conditions other than infections")
(SETF (GETHASH '"713.2" ICD9-HASH-TABLE)
      "Arthropathy associated withhematological disorders")
(SETF (GETHASH '"713.3" ICD9-HASH-TABLE)
      "Arthropathy associated withdermatological disorders")
(SETF (GETHASH '"713.4" ICD9-HASH-TABLE)
      "Arthropathy associated with respiratory disorders")
(SETF (GETHASH '"713.5" ICD9-HASH-TABLE)
      "Arthropathy associated with neurological disorders")
(SETF (GETHASH '"713.6" ICD9-HASH-TABLE)
      "Arthropathy associated with hypersensitivity reaction")
(SETF (GETHASH '"713.7" ICD9-HASH-TABLE)
      "Other general diseases with articular involvement")
(SETF (GETHASH '"713.8" ICD9-HASH-TABLE)
      "Arthropathy associated with other conditions classifiable elsewhere")
(SETF (GETHASH '"714" ICD9-HASH-TABLE)
      "Rheumatoid arthritis and other inflammatory polyarthropathies")
(SETF (GETHASH '"714.0" ICD9-HASH-TABLE) "Rheumatoid arthritis")
(SETF (GETHASH '"714.1" ICD9-HASH-TABLE) "Felty's syndrome")
(SETF (GETHASH '"714.2" ICD9-HASH-TABLE)
      "Other rheumatoid arthritis with visceral or systemic involvement")
(SETF (GETHASH '"714.3" ICD9-HASH-TABLE)
      "Juvenile chronic polyarthritis")
(SETF (GETHASH '"714.30" ICD9-HASH-TABLE)
      "Polyarticular juvenile rheumatoid arthritis, chronic or unspecified")
(SETF (GETHASH '"714.31" ICD9-HASH-TABLE)
      "Polyarticular juvenile rheumatoid arthritis, acute")
(SETF (GETHASH '"714.32" ICD9-HASH-TABLE)
      "Pauciarticular juvenile rheumatoid arthritis")
(SETF (GETHASH '"714.33" ICD9-HASH-TABLE)
      "Monoarticular juvenile rheumatoid arthritis")
(SETF (GETHASH '"714.4" ICD9-HASH-TABLE)
      "Chronic postrheumatic arthropathy")
(SETF (GETHASH '"714.8" ICD9-HASH-TABLE)
      "Other specified inflammatory polyarthropathies")
(SETF (GETHASH '"714.81" ICD9-HASH-TABLE) "Rheumatoid lung")
(SETF (GETHASH '"714.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"714.9" ICD9-HASH-TABLE)
      "Unspecified inflammatory polyarthropathy")
(SETF (GETHASH '"715" ICD9-HASH-TABLE)
      "Osteoarthrosis and allied disorders")
(SETF (GETHASH '"715.0" ICD9-HASH-TABLE) "Osteoarthrosis, generalized")
(SETF (GETHASH '"715.1" ICD9-HASH-TABLE)
      "Osteoarthrosis, localized, primary")
(SETF (GETHASH '"715.2" ICD9-HASH-TABLE)
      "Osteoarthrosis, localized, secondary")
(SETF (GETHASH '"715.3" ICD9-HASH-TABLE)
      "Osteoarthrosis, localized, not specified whether primary or secondary")
(SETF (GETHASH '"715.8" ICD9-HASH-TABLE)
      "Osteoarthrosis involving, or with mention of more than one site, but not specified as generalized")
(SETF (GETHASH '"715.9" ICD9-HASH-TABLE)
      "Osteoarthrosis, unspecified whether generalized or localized")
(SETF (GETHASH '"716" ICD9-HASH-TABLE)
      "Other and unspecified arthropathies")
(SETF (GETHASH '"716.0" ICD9-HASH-TABLE) "Kaschin-Beck disease")
(SETF (GETHASH '"716.1" ICD9-HASH-TABLE) "Traumatic arthropathy")
(SETF (GETHASH '"716.2" ICD9-HASH-TABLE) "Allergic arthritis")
(SETF (GETHASH '"716.3" ICD9-HASH-TABLE) "Climacteric arthritis")
(SETF (GETHASH '"716.4" ICD9-HASH-TABLE) "Transient arthropathy")
(SETF (GETHASH '"716.5" ICD9-HASH-TABLE)
      "Unspecified polyarthropathy or polyarthritis")
(SETF (GETHASH '"716.6" ICD9-HASH-TABLE) "Unspecified monoarthritis")
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(SETF (GETHASH '"716.8" ICD9-HASH-TABLE) "Other specified arthropathy")
(SETF (GETHASH '"716.9" ICD9-HASH-TABLE) "Arthropathy, unspecified")
(SETF (GETHASH '"717" ICD9-HASH-TABLE) "Internal derangement of knee")
(SETF (GETHASH '"717.0" ICD9-HASH-TABLE)
      "Old bucket handle tear of medial meniscus")
(SETF (GETHASH '"717.1" ICD9-HASH-TABLE)
      "Derangement of anterior horn of medial meniscus")
(SETF (GETHASH '"717.2" ICD9-HASH-TABLE)
      "Derangement of posterior horn of medial meniscus")
(SETF (GETHASH '"717.3" ICD9-HASH-TABLE)
      "Other and unspecified derangement of medial meniscus")
(SETF (GETHASH '"717.4" ICD9-HASH-TABLE)
      "Derangement of lateral meniscus")
(SETF (GETHASH '"717.40" ICD9-HASH-TABLE)
      "Derangement of lateral meniscus, unspecified")
(SETF (GETHASH '"717.41" ICD9-HASH-TABLE)
      "Bucket handle tear of lateral meniscus")
(SETF (GETHASH '"717.42" ICD9-HASH-TABLE)
      "Derangement of anterior horn of lateral meniscus")
(SETF (GETHASH '"717.43" ICD9-HASH-TABLE)
      "Derangement of posterior horn of lateral meniscus")
(SETF (GETHASH '"717.49" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"717.5" ICD9-HASH-TABLE)
      "Derangement of meniscus, not elsewhere classified")
(SETF (GETHASH '"717.6" ICD9-HASH-TABLE) "Loose body in knee")
(SETF (GETHASH '"717.7" ICD9-HASH-TABLE) "Chondromalacia of patella")
(SETF (GETHASH '"717.8" ICD9-HASH-TABLE)
      "Other internal derangement of knee")
(SETF (GETHASH '"717.81" ICD9-HASH-TABLE)
      "Old disruption of lateral collateral ligament")
(SETF (GETHASH '"717.82" ICD9-HASH-TABLE)
      "Old disruption of medial collateral ligament")
(SETF (GETHASH '"717.83" ICD9-HASH-TABLE)
      "Old disruption of anterior cruciate ligament")
(SETF (GETHASH '"717.84" ICD9-HASH-TABLE)
      "Old disruption of posterior cruciate ligament")
(SETF (GETHASH '"717.85" ICD9-HASH-TABLE)
      "Old disruption of other ligaments of knee")
(SETF (GETHASH '"717.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"717.9" ICD9-HASH-TABLE)
      "Unspecified internal derangement of knee")
(SETF (GETHASH '"718" ICD9-HASH-TABLE) "Other derangement of joint")
(SETF (GETHASH '"718.0" ICD9-HASH-TABLE) "Articular cartilage disorder")
(SETF (GETHASH '"718.1" ICD9-HASH-TABLE) "Loose body in joint")
(SETF (GETHASH '"718.2" ICD9-HASH-TABLE) "Pathological dislocation")
(SETF (GETHASH '"718.3" ICD9-HASH-TABLE)
      "Recurrent dislocation of joint")
(SETF (GETHASH '"718.4" ICD9-HASH-TABLE) "Contracture of joint")
(SETF (GETHASH '"718.5" ICD9-HASH-TABLE) "Ankylosis of joint")
(SETF (GETHASH '"718.6" ICD9-HASH-TABLE)
      "Unspecified intrapelvic protrusion of acetabulum")
(SETF (GETHASH '"718.8" ICD9-HASH-TABLE)
      "Other joint derangement, not elsewhere classified")
(SETF (GETHASH '"718.9" ICD9-HASH-TABLE)
      "Unspecified derangement of joint")
(SETF (GETHASH '"719" ICD9-HASH-TABLE)
      "Other and unspecified disorders of joint")
(SETF (GETHASH '"719.0" ICD9-HASH-TABLE) "Effusion of joint")
(SETF (GETHASH '"719.1" ICD9-HASH-TABLE) "Hemarthrosis")
(SETF (GETHASH '"719.2" ICD9-HASH-TABLE) "Villonodular synovitis")
(SETF (GETHASH '"719.3" ICD9-HASH-TABLE) "Palindromic rheumatism")
(SETF (GETHASH '"719.4" ICD9-HASH-TABLE) "Pain in joint")
(SETF (GETHASH '"719.5" ICD9-HASH-TABLE)
      "Stiffness of joint, not elsewhere classified")
(SETF (GETHASH '"719.6" ICD9-HASH-TABLE)
      "Other symptoms referable to joint")
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(SETF (GETHASH '"719.7" ICD9-HASH-TABLE) "Difficulty in walking")
(SETF (GETHASH '"719.8" ICD9-HASH-TABLE)
      "Other specified disorders of joint")
(SETF (GETHASH '"719.9" ICD9-HASH-TABLE) "Unspecified disorder of joint")
(SETF (GETHASH '"720" ICD9-HASH-TABLE)
      "Ankylosing spondylitis and other inflammatory spondylopathies")
(SETF (GETHASH '"720.0" ICD9-HASH-TABLE) "Ankylosing spondylitis")
(SETF (GETHASH '"720.1" ICD9-HASH-TABLE) "Spinal enthesopathy")
(SETF (GETHASH '"720.2" ICD9-HASH-TABLE)
      "Sacroiliitis, not elsewhere classified")
(SETF (GETHASH '"720.8" ICD9-HASH-TABLE)
      "Other inflammatory spondylopathies")
(SETF (GETHASH '"720.81" ICD9-HASH-TABLE)
      "Inflammatory spondylopathies in diseases classified elsewhere")
(SETF (GETHASH '"720.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"720.9" ICD9-HASH-TABLE)
      "Unspecified inflammatory spondylopathy")
(SETF (GETHASH '"721" ICD9-HASH-TABLE)
      "Spondylosis and allied disorders")
(SETF (GETHASH '"721.0" ICD9-HASH-TABLE)
      "Cervical spondylosis without myelopathy")
(SETF (GETHASH '"721.1" ICD9-HASH-TABLE)
      "Cervical spondylosis with myelopathy")
(SETF (GETHASH '"721.2" ICD9-HASH-TABLE)
      "Thoracic spondylosis without myelopathy")
(SETF (GETHASH '"721.3" ICD9-HASH-TABLE)
      "Lumbosacral spondylosis without myelopathy")
(SETF (GETHASH '"721.4" ICD9-HASH-TABLE)
      "Thoracic or lumbar spondylosis with myelopathy")
(SETF (GETHASH '"721.41" ICD9-HASH-TABLE) "Thoracic region")
(SETF (GETHASH '"721.42" ICD9-HASH-TABLE) "Lumbar region")
(SETF (GETHASH '"721.5" ICD9-HASH-TABLE) "Kissing spine")
(SETF (GETHASH '"721.6" ICD9-HASH-TABLE)
      "Ankylosing vertebral hyperostosis")
(SETF (GETHASH '"721.7" ICD9-HASH-TABLE) "Traumatic spondylopathy")
(SETF (GETHASH '"721.8" ICD9-HASH-TABLE)
      "Other allied disorders of spine")
(SETF (GETHASH '"721.9" ICD9-HASH-TABLE)
      "Spondylosis of unspecified site")
(SETF (GETHASH '"721.90" ICD9-HASH-TABLE)
      "Without mention of myelopathy")
(SETF (GETHASH '"721.91" ICD9-HASH-TABLE) "With myelopathy")
(SETF (GETHASH '"722" ICD9-HASH-TABLE) "Intervertebral disc disorders")
(SETF (GETHASH '"722.0" ICD9-HASH-TABLE)
      "Displacement of cervical intervertebral disc without myelopathy")
(SETF (GETHASH '"722.1" ICD9-HASH-TABLE)
      "Displacement of thoracic or lumbar intervertebral disc without myelopathy")
(SETF (GETHASH '"722.10" ICD9-HASH-TABLE)
      "Lumbar intervertebral disc without myelopathy")
(SETF (GETHASH '"722.11" ICD9-HASH-TABLE)
      "Thoracic intervertebral disc without myelopathy")
(SETF (GETHASH '"722.2" ICD9-HASH-TABLE)
      "Displacement of intervertebral disc, site unspecified, without myelopathy")
(SETF (GETHASH '"722.3" ICD9-HASH-TABLE) "Schmorl's nodes")
(SETF (GETHASH '"722.30" ICD9-HASH-TABLE) "Unspecified region")
(SETF (GETHASH '"722.31" ICD9-HASH-TABLE) "Thoracic region")
(SETF (GETHASH '"722.32" ICD9-HASH-TABLE) "Lumbar region")
(SETF (GETHASH '"722.39" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"722.4" ICD9-HASH-TABLE)
      "Degeneration of cervical intervertebral disc")
(SETF (GETHASH '"722.5" ICD9-HASH-TABLE)
      "Degeneration of thoracic or lumbar intervertebral disc")
(SETF (GETHASH '"722.51" ICD9-HASH-TABLE)
      "Thoracic or thoracolumbar intervertebral disc")
(SETF (GETHASH '"722.52" ICD9-HASH-TABLE)
      "Lumbar or lumbosacral intervertebral disc")
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(SETF (GETHASH '"722.6" ICD9-HASH-TABLE)
      "Degeneration of intervertebral disc, site unspecified")
(SETF (GETHASH '"722.7" ICD9-HASH-TABLE)
      "Intervertebral disc disorder with myelopathy")
(SETF (GETHASH '"722.70" ICD9-HASH-TABLE) "Unspecified region")
(SETF (GETHASH '"722.71" ICD9-HASH-TABLE) "Cervical region")
(SETF (GETHASH '"722.72" ICD9-HASH-TABLE) "Thoracic region")
(SETF (GETHASH '"722.73" ICD9-HASH-TABLE) "Lumbar region")
(SETF (GETHASH '"722.8" ICD9-HASH-TABLE) "Postlaminectomy syndrome")
(SETF (GETHASH '"722.80" ICD9-HASH-TABLE) "Unspecified region")
(SETF (GETHASH '"722.81" ICD9-HASH-TABLE) "Cervical region")
(SETF (GETHASH '"722.82" ICD9-HASH-TABLE) "Thoracic region")
(SETF (GETHASH '"722.83" ICD9-HASH-TABLE) "Lumbar region")
(SETF (GETHASH '"722.9" ICD9-HASH-TABLE)
      "Other and unspecified disc disorder")
(SETF (GETHASH '"722.90" ICD9-HASH-TABLE) "Unspecified region")
(SETF (GETHASH '"722.91" ICD9-HASH-TABLE) "Cervical region")
(SETF (GETHASH '"722.92" ICD9-HASH-TABLE) "Thoracic region")
(SETF (GETHASH '"722.93" ICD9-HASH-TABLE) "Lumbar region")
(SETF (GETHASH '"723" ICD9-HASH-TABLE)
      "Other disorders of cervical region")
(SETF (GETHASH '"723.0" ICD9-HASH-TABLE)
      "Spinal stenosis of cervical region")
(SETF (GETHASH '"723.1" ICD9-HASH-TABLE) "Cervicalgia")
(SETF (GETHASH '"723.2" ICD9-HASH-TABLE) "Cervicocranial syndrome")
(SETF (GETHASH '"723.3" ICD9-HASH-TABLE)
      "Cervicobrachial syndrome (diffuse)")
(SETF (GETHASH '"723.4" ICD9-HASH-TABLE)
      "Brachia neuritis or radiculitis NOS")
(SETF (GETHASH '"723.5" ICD9-HASH-TABLE) "Torticollis, unspecified")
(SETF (GETHASH '"723.6" ICD9-HASH-TABLE)
      "Panniculitis specified as affecting neck")
(SETF (GETHASH '"723.7" ICD9-HASH-TABLE)
      "Ossification of posterior longitudinal ligament in cervical region")
(SETF (GETHASH '"723.8" ICD9-HASH-TABLE)
      "Other syndromes affecting cervical region")
(SETF (GETHASH '"723.9" ICD9-HASH-TABLE)
      "Unspecified musculoskeletal disorders and symptoms referable to neck")
(SETF (GETHASH '"724" ICD9-HASH-TABLE)
      "Other and unspecified disorders or back")
(SETF (GETHASH '"724.0" ICD9-HASH-TABLE)
      "Spinal stenosis, other than cervical")
(SETF (GETHASH '"724.00" ICD9-HASH-TABLE)
      "Spinal stenosis, unspecified region")
(SETF (GETHASH '"724.01" ICD9-HASH-TABLE) "Thoracic region")
(SETF (GETHASH '"724.02" ICD9-HASH-TABLE) "Lumbar region")
(SETF (GETHASH '"724.09" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"724.1" ICD9-HASH-TABLE) "Pain in thoracic spine")
(SETF (GETHASH '"724.2" ICD9-HASH-TABLE) "Lumbago")
(SETF (GETHASH '"724.3" ICD9-HASH-TABLE) "Sciatia")
(SETF (GETHASH '"724.4" ICD9-HASH-TABLE)
      "Thoracic or lumbosacral neuritis or radiculitis, unspecified")
(SETF (GETHASH '"724.5" ICD9-HASH-TABLE) "Backache, unspecified")
(SETF (GETHASH '"724.6" ICD9-HASH-TABLE) "Disorders of sacrum")
(SETF (GETHASH '"724.7" ICD9-HASH-TABLE) "Disorders of coccyx")
(SETF (GETHASH '"724.70" ICD9-HASH-TABLE)
      "Unspecified disorder of coccyx")
(SETF (GETHASH '"724.71" ICD9-HASH-TABLE) "Hypermobility of coccyx")
(SETF (GETHASH '"724.79" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"724.8" ICD9-HASH-TABLE)
      "Other symptoms referable to back")
(SETF (GETHASH '"724.9" ICD9-HASH-TABLE)
      "Other unspecified back disorders")
(SETF (GETHASH '"725" ICD9-HASH-TABLE) "Polymyalgia rheumatica")
(SETF (GETHASH '"726" ICD9-HASH-TABLE)
      "Peripheral enthesopathies and allied syndromes")
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(SETF (GETHASH '"726.0" ICD9-HASH-TABLE)
      "Adhesive capsulitis of shoulder")
(SETF (GETHASH '"726.1" ICD9-HASH-TABLE)
      "Rotator cuff syndrome of shoulder and allied disorders")
(SETF (GETHASH '"726.10" ICD9-HASH-TABLE)
      "Disorders of bursae and tendons in shoulder region, unspecified")
(SETF (GETHASH '"726.11" ICD9-HASH-TABLE)
      "Calcifying tendinitis of shoulder")
(SETF (GETHASH '"726.12" ICD9-HASH-TABLE) "Bicipital tenosynovitis")
(SETF (GETHASH '"726.19" ICD9-HASH-TABLE) "Other specified disorders")
(SETF (GETHASH '"726.2" ICD9-HASH-TABLE)
      "Other affections of shoulder region, not elsewhere classified")
(SETF (GETHASH '"726.3" ICD9-HASH-TABLE) "Enthesopathy of elbow region")
(SETF (GETHASH '"726.30" ICD9-HASH-TABLE)
      "Enthesopathy of elbow, unspecified")
(SETF (GETHASH '"726.31" ICD9-HASH-TABLE) "Medial epicondylitis")
(SETF (GETHASH '"726.32" ICD9-HASH-TABLE) "Lateral epicondylitis")
(SETF (GETHASH '"726.33" ICD9-HASH-TABLE) "Olecranon bursitis")
(SETF (GETHASH '"726.39" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"726.4" ICD9-HASH-TABLE)
      "Enthesopathy of wrist and carpus")
(SETF (GETHASH '"726.5" ICD9-HASH-TABLE) "Enthesopathy of hip region")
(SETF (GETHASH '"726.6" ICD9-HASH-TABLE) "Enthesopathy of knee")
(SETF (GETHASH '"726.60" ICD9-HASH-TABLE)
      "Enthesopathy of knee, unspecified")
(SETF (GETHASH '"726.61" ICD9-HASH-TABLE)
      "Pes anserinus tendinitis or bursitis")
(SETF (GETHASH '"726.62" ICD9-HASH-TABLE)
      "Tibial collateral ligament bursitis")
(SETF (GETHASH '"726.63" ICD9-HASH-TABLE)
      "Fibular collateral ligament bursitis")
(SETF (GETHASH '"726.64" ICD9-HASH-TABLE) "Patellar tendinitis")
(SETF (GETHASH '"726.65" ICD9-HASH-TABLE) "Prepatellar bursitis")
(SETF (GETHASH '"726.69" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"726.7" ICD9-HASH-TABLE)
      "Enthesopathy of ankle and tarsus")
(SETF (GETHASH '"726.70" ICD9-HASH-TABLE)
      "Enthesopathy of ankle and tarsus, unspecified")
(SETF (GETHASH '"726.71" ICD9-HASH-TABLE)
      "Achilles bursitis or tendinitis")
(SETF (GETHASH '"726.72" ICD9-HASH-TABLE) "Tibialis tendinitis")
(SETF (GETHASH '"726.73" ICD9-HASH-TABLE) "Calcaneal spur")
(SETF (GETHASH '"726.79" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"726.8" ICD9-HASH-TABLE)
      "Other peripheral enthesopathies")
(SETF (GETHASH '"726.9" ICD9-HASH-TABLE) "Unspecified enthesopathy")
(SETF (GETHASH '"726.90" ICD9-HASH-TABLE)
      "Enthesopathy of specified site")
(SETF (GETHASH '"726.91" ICD9-HASH-TABLE)
      "Exostosis of unspecified site")
(SETF (GETHASH '"727" ICD9-HASH-TABLE)
      "Other disorders of synovium, tendon, and bursa")
(SETF (GETHASH '"727.0" ICD9-HASH-TABLE) "Synovitis and tenosynovitis")
(SETF (GETHASH '"727.00" ICD9-HASH-TABLE)
      "Synovitis and tenosynovitis, unspecified")
(SETF (GETHASH '"727.01" ICD9-HASH-TABLE)
      "Synovitis and tenosynovitis in diseases classified elsewhere")
(SETF (GETHASH '"727.02" ICD9-HASH-TABLE)
      "Giant cell tumor of tendon sheath")
(SETF (GETHASH '"727.03" ICD9-HASH-TABLE) "Trigger finger (acquired)")
(SETF (GETHASH '"727.04" ICD9-HASH-TABLE) "Radial styloid tenosynovitis")
(SETF (GETHASH '"727.05" ICD9-HASH-TABLE)
      "Other tenosynovitis or hand and wrist")
(SETF (GETHASH '"727.06" ICD9-HASH-TABLE)
      "Tenosynovitis of foot and ankle")
(SETF (GETHASH '"727.09" ICD9-HASH-TABLE) "Other")
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(SETF (GETHASH '"727.1" ICD9-HASH-TABLE) "Bunion")
(SETF (GETHASH '"727.2" ICD9-HASH-TABLE)
      "Specific bursitides often of occupational origin")
(SETF (GETHASH '"727.3" ICD9-HASH-TABLE) "Other bursitis")
(SETF (GETHASH '"727.4" ICD9-HASH-TABLE)
      "Ganglion and cyst of synovium, tendon, and bursa")
(SETF (GETHASH '"727.40" ICD9-HASH-TABLE) "Synovial cyst, unspecified")
(SETF (GETHASH '"727.41" ICD9-HASH-TABLE) "Ganglion of joint")
(SETF (GETHASH '"727.42" ICD9-HASH-TABLE) "Ganglion of tendon sheath")
(SETF (GETHASH '"727.43" ICD9-HASH-TABLE) "Ganglion, unspecified")
(SETF (GETHASH '"727.49" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"727.5" ICD9-HASH-TABLE) "Rupture of synovium")
(SETF (GETHASH '"727.50" ICD9-HASH-TABLE)
      "Rupture of synovium, unspecified")
(SETF (GETHASH '"727:51" ICD9-HASH-TABLE)
      "Synovial cyst of popliteal space")
(SETF (GETHASH '"727.59" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"727.6" ICD9-HASH-TABLE)
      "Rupture of tendon, nontraumatic")
(SETF (GETHASH '"727.60" ICD9-HASH-TABLE)
      "Nontraumatic rupture of unspecified tendon")
(SETF (GETHASH '"727.61" ICD9-HASH-TABLE)
      "Complete rupture of rotator cuff")
(SETF (GETHASH '"727.62" ICD9-HASH-TABLE)
      "Tendons of biceps (long head)")
(SETF (GETHASH '"727.63" ICD9-HASH-TABLE)
      "Extensor tendons of hand and wrist")
(SETF (GETHASH '"727.64" ICD9-HASH-TABLE)
      "Flexor tendons of hand and wrist")
(SETF (GETHASH '"727.65" ICD9-HASH-TABLE) "Quadriceps tendon")
(SETF (GETHASH '"727.66" ICD9-HASH-TABLE) "Patellar tendon")
(SETF (GETHASH '"727.67" ICD9-HASH-TABLE) "Achilles tendon")
(SETF (GETHASH '"727.68" ICD9-HASH-TABLE)
      "Other tendons of foot and ankle")
(SETF (GETHASH '"727.69" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"727.8" ICD9-HASH-TABLE)
      "Other disorders of synovium, tendon, and bursa")
(SETF (GETHASH '"727.81" ICD9-HASH-TABLE)
      "Contracture of tendon (sheath)")
(SETF (GETHASH '"727.82" ICD9-HASH-TABLE)
      "Calcium deposits in tendon and bursa")
(SETF (GETHASH '"727.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"727.9" ICD9-HASH-TABLE)
      "Unspecified disorder of synovium, tendon, and bursa")
(SETF (GETHASH '"728" ICD9-HASH-TABLE)
      "Disorders of muscle, liagament, and fascia")
(SETF (GETHASH '"728.0" ICD9-HASH-TABLE) "Infective myositis")
(SETF (GETHASH '"728.1" ICD9-HASH-TABLE)
      "Muscular calcification and ossification")
(SETF (GETHASH '"728.10" ICD9-HASH-TABLE)
      "Calcification and ossification, unspecified")
(SETF (GETHASH '"728.11" ICD9-HASH-TABLE)
      "Progressive myositis ossificans")
(SETF (GETHASH '"728.12" ICD9-HASH-TABLE)
      "Traumatic myositis ossifications")
(SETF (GETHASH '"728.13" ICD9-HASH-TABLE)
      "Postoperative heterotopic calcification")
(SETF (GETHASH '"728.19" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"728.2" ICD9-HASH-TABLE)
      "Muscular wasting and disuse atrophy, not elsewhere classified")
(SETF (GETHASH '"728.3" ICD9-HASH-TABLE)
      "Other specific muscle disorders")
(SETF (GETHASH '"728.4" ICD9-HASH-TABLE) "Laxity of ligament")
(SETF (GETHASH '"728.5" ICD9-HASH-TABLE) "Hypermobility syndrome")
(SETF (GETHASH '"728.6" ICD9-HASH-TABLE) "Contracture of palmar fascia")
(SETF (GETHASH '"728.7" ICD9-HASH-TABLE) "Other fibromatoses")
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(SETF (GETHASH '"728.71" ICD9-HASH-TABLE) "Plantar fascial fibromatosis")
(SETF (GETHASH '"728.79" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"728.8" ICD9-HASH-TABLE)
      "Other disorders of muscle, ligament, and fascia")
(SETF (GETHASH '"728.81" ICD9-HASH-TABLE) "Interstitial myositis")
(SETF (GETHASH '"728.82" ICD9-HASH-TABLE)
      "Foreign body granuloma of muscle")
(SETF (GETHASH '"728.83" ICD9-HASH-TABLE)
      "Rupture of muscle, nontraumatic")
(SETF (GETHASH '"728.84" ICD9-HASH-TABLE) "Diastasis of muscle")
(SETF (GETHASH '"728.85" ICD9-HASH-TABLE) "Spasm of muscle")
(SETF (GETHASH '"728.86" ICD9-HASH-TABLE) "Necrotizing fasciitis")
(SETF (GETHASH '"728.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"728.9" ICD9-HASH-TABLE)
      "Unspecified disorder of muscle, ligament, and fascia")
(SETF (GETHASH '"729" ICD9-HASH-TABLE) "Other disorders of soft tissues")
(SETF (GETHASH '"729.0" ICD9-HASH-TABLE)
      "Rheumatism, unspecified and fibrositis")
(SETF (GETHASH '"729.1" ICD9-HASH-TABLE)
      "Mylagia and myositis, unspecified")
(SETF (GETHASH '"729.2" ICD9-HASH-TABLE)
      "Neuralgia, neuritis, and radiculitis, unspecified")
(SETF (GETHASH '"729.3" ICD9-HASH-TABLE) "Panniculitis, unspecified")
(SETF (GETHASH '"729.30" ICD9-HASH-TABLE)
      "Panniculitis, unspecified site")
(SETF (GETHASH '"729.31" ICD9-HASH-TABLE) "Hypertrophy of fat pad, knee")
(SETF (GETHASH '"729.39" ICD9-HASH-TABLE) "Other site")
(SETF (GETHASH '"729.4" ICD9-HASH-TABLE) "Fasciitis, unspecified")
(SETF (GETHASH '"729.5" ICD9-HASH-TABLE) "Pain in limb")
(SETF (GETHASH '"729.6" ICD9-HASH-TABLE)
      "Residual foreign body in soft tissue")
(SETF (GETHASH '"729.8" ICD9-HASH-TABLE)
      "Other musculoskeletal symptoms referable to limbs")
(SETF (GETHASH '"729.81" ICD9-HASH-TABLE) "Swelling of limb")
(SETF (GETHASH '"729.82" ICD9-HASH-TABLE) "Cramp")
(SETF (GETHASH '"729.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"729.9" ICD9-HASH-TABLE)
      "Other and unspecified disorders of soft tissue")
(SETF (GETHASH '"730" ICD9-HASH-TABLE)
      "Osteomyelitis, periostitis, and other infections involving bone")
(SETF (GETHASH '"730.0" ICD9-HASH-TABLE) "Acute osteomyelitis")
(SETF (GETHASH '"730.1" ICD9-HASH-TABLE) "Chronic osteomyelitis")
(SETF (GETHASH '"730.2" ICD9-HASH-TABLE) "Unspecified osteomyelitis")
(SETF (GETHASH '"730.3" ICD9-HASH-TABLE)
      "Periostitis without mention of ostemyelitis")
(SETF (GETHASH '"730.7" ICD9-HASH-TABLE)
      "Osteopathy resulting from poliomyelitis")
(SETF (GETHASH '"730.8" ICD9-HASH-TABLE)
      "Other infections involving bone in disease classified elsewhere")
(SETF (GETHASH '"730.9" ICD9-HASH-TABLE) "Unspecified infection of bone")
(SETF (GETHASH '"731" ICD9-HASH-TABLE)
      "Osteitis deformans and osteopathies associated with other disorders classified elsewhere")
(SETF (GETHASH '"731.0" ICD9-HASH-TABLE)
      "Osteitis deformans without mention of bone tumor")
(SETF (GETHASH '"731.1" ICD9-HASH-TABLE)
      "Osteitis deformans in diseases classified elsewhere")
(SETF (GETHASH '"731.2" ICD9-HASH-TABLE)
      "Hypertrophic pulmonary osteoarthropathy")
(SETF (GETHASH '"731.8" ICD9-HASH-TABLE)
      "Other bone involvement in diseases classified elsewhere")
(SETF (GETHASH '"732" ICD9-HASH-TABLE) "Osteochondropathies")
(SETF (GETHASH '"732.0" ICD9-HASH-TABLE)
      "Juvenile osteochondrosis of spine")
(SETF (GETHASH '"732.1" ICD9-HASH-TABLE)
      "Juvenile osteochondrosis of hip and pelvis")
(SETF (GETHASH '"732.2" ICD9-HASH-TABLE)
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      "Nontraumatic slipped upper femoral epiphysis")
(SETF (GETHASH '"732.3" ICD9-HASH-TABLE)
      "Juvenile osteochondrosis of upper extremity")
(SETF (GETHASH '"732.4" ICD9-HASH-TABLE)
      "Juvenile osteochondrosis of lower extremity, excluding foot")
(SETF (GETHASH '"732.5" ICD9-HASH-TABLE)
      "Juvenile osteochondrosis of foot")
(SETF (GETHASH '"732.6" ICD9-HASH-TABLE)
      "Other juvenile osteochondrosis")
(SETF (GETHASH '"732.7" ICD9-HASH-TABLE) "Osteochondritis dissecans")
(SETF (GETHASH '"732.8" ICD9-HASH-TABLE)
      "Other specified forms of osteochondropathy")
(SETF (GETHASH '"732.9" ICD9-HASH-TABLE) "Unspecified osteochondropathy")
(SETF (GETHASH '"733" ICD9-HASH-TABLE)
      "Other disorders of bone and cartilage")
(SETF (GETHASH '"733.0" ICD9-HASH-TABLE) "Osteoporosis")
(SETF (GETHASH '"733.00" ICD9-HASH-TABLE) "Osteoporosis, unspecified")
(SETF (GETHASH '"733.01" ICD9-HASH-TABLE) "Senile osteoporosis")
(SETF (GETHASH '"733.02" ICD9-HASH-TABLE) "Idiopathic osteoporosis")
(SETF (GETHASH '"733.03" ICD9-HASH-TABLE) "Disuse osteoporosis")
(SETF (GETHASH '"733.09" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"733.1" ICD9-HASH-TABLE) "Pathologic fracture")
(SETF (GETHASH '"733.10" ICD9-HASH-TABLE)
      "Pathologic fracture, unspecified site")
(SETF (GETHASH '"733.11" ICD9-HASH-TABLE)
      "Pathologic fracture of humerus")
(SETF (GETHASH '"733.12" ICD9-HASH-TABLE)
      "Pathologic fracture of distal radius and ulna")
(SETF (GETHASH '"733.13" ICD9-HASH-TABLE)
      "Pathologic fracture of vertebrae")
(SETF (GETHASH '"733.14" ICD9-HASH-TABLE)
      "Pathologic fracture of neck of femur")
(SETF (GETHASH '"733.15" ICD9-HASH-TABLE)
      "Pathologic fracture of other specified part of femur")
(SETF (GETHASH '"733.16" ICD9-HASH-TABLE)
      "Pathologic fracture of tibia and fibula")
(SETF (GETHASH '"733.19" ICD9-HASH-TABLE)
      "Pathologic fracture of other specified site")
(SETF (GETHASH '"733.2" ICD9-HASH-TABLE) "Cyst of bone")
(SETF (GETHASH '"733.20" ICD9-HASH-TABLE)
      "Cyst of bone (localized), unspecified")
(SETF (GETHASH '"733.21" ICD9-HASH-TABLE) "Solitary bone cyst")
(SETF (GETHASH '"733.22" ICD9-HASH-TABLE) "Aneurysmal bone cyst")
(SETF (GETHASH '"733.29" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"733.3" ICD9-HASH-TABLE) "Hyperostosis of skull")
(SETF (GETHASH '"733.4" ICD9-HASH-TABLE) "Aseptic necrosis of bone")
(SETF (GETHASH '"733.40" ICD9-HASH-TABLE)
      "Aseptic necrosis of bone, site unspecified")
(SETF (GETHASH '"733.41" ICD9-HASH-TABLE) "Head of humerus")
(SETF (GETHASH '"733.42" ICD9-HASH-TABLE) "Head and neck of femur")
(SETF (GETHASH '"733.43" ICD9-HASH-TABLE) "Medial femoral condyle")
(SETF (GETHASH '"733.44" ICD9-HASH-TABLE) "Talus")
(SETF (GETHASH '"733.49" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"733.5" ICD9-HASH-TABLE) "Osteitis condensans")
(SETF (GETHASH '"733.6" ICD9-HASH-TABLE) "Tietze's disease")
(SETF (GETHASH '"733.7" ICD9-HASH-TABLE) "Algoneurodystrophy")
(SETF (GETHASH '"733.8" ICD9-HASH-TABLE)
      "Malunion and nonunion of fracture")
(SETF (GETHASH '"733.81" ICD9-HASH-TABLE) "Malunion of fracture")
(SETF (GETHASH '"733.82" ICD9-HASH-TABLE) "Nonunion of fracture")
(SETF (GETHASH '"733.9" ICD9-HASH-TABLE)
      "Other and unspecified disorders of bone and cartilage")
(SETF (GETHASH '"733.90" ICD9-HASH-TABLE)
      "Disorder of  bone and cartilage, unspecified")
(SETF (GETHASH '"733.91" ICD9-HASH-TABLE)
      "Arrest of bone development or growth")
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(SETF (GETHASH '"733.92" ICD9-HASH-TABLE) "Chondromalacia")
(SETF (GETHASH '"733.99" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"734" ICD9-HASH-TABLE) "Flat foot")
(SETF (GETHASH '"735" ICD9-HASH-TABLE) "Acquired deformities of toe")
(SETF (GETHASH '"735.0" ICD9-HASH-TABLE) "Hallux valgus (acquired)")
(SETF (GETHASH '"735.2" ICD9-HASH-TABLE) "Hallux rigidus")
(SETF (GETHASH '"735.3" ICD9-HASH-TABLE) "Hallux malleus")
(SETF (GETHASH '"735.4" ICD9-HASH-TABLE) "Other hammer toe (acquired)")
(SETF (GETHASH '"735.5" ICD9-HASH-TABLE) "Claw toe (acquired)")
(SETF (GETHASH '"735.8" ICD9-HASH-TABLE)
      "Other acquired deformities of toe")
(SETF (GETHASH '"735.9" ICD9-HASH-TABLE)
      "Unspecified acquired deformity of toe")
(SETF (GETHASH '"736" ICD9-HASH-TABLE)
      "Other acquired deformities of limbs")
(SETF (GETHASH '"736.0" ICD9-HASH-TABLE)
      "Acquired deformities of forearm, excluding fingers")
(SETF (GETHASH '"736.00" ICD9-HASH-TABLE) "Unspecified deformity")
(SETF (GETHASH '"736.01" ICD9-HASH-TABLE) "Cubitus valgus (acquired)")
(SETF (GETHASH '"736.02" ICD9-HASH-TABLE) "Cubitus varus (acquired)")
(SETF (GETHASH '"736.03" ICD9-HASH-TABLE)
      "Valgus deformity of wrist (acquired)")
(SETF (GETHASH '"736.04" ICD9-HASH-TABLE)
      "Varus deformity of wrist (acquired)")
(SETF (GETHASH '"736.05" ICD9-HASH-TABLE) "Wrist drop (acquired)")
(SETF (GETHASH '"736.06" ICD9-HASH-TABLE) "Claw hand (acquired)")
(SETF (GETHASH '"736.07" ICD9-HASH-TABLE) "Club hand (acquired)")
(SETF (GETHASH '"736.09" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"736.1" ICD9-HASH-TABLE) "Mallet finger")
(SETF (GETHASH '"736.2" ICD9-HASH-TABLE)
      "Other acquired deformities of finger")
(SETF (GETHASH '"736.20" ICD9-HASH-TABLE) "Unspecified deformity")
(SETF (GETHASH '"736.21" ICD9-HASH-TABLE) "Boutonniere deformity")
(SETF (GETHASH '"736.22" ICD9-HASH-TABLE) "Swan-neck deformity")
(SETF (GETHASH '"736.29" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"736.3" ICD9-HASH-TABLE) "Acquired deformities of hip")
(SETF (GETHASH '"736.30" ICD9-HASH-TABLE) "Unspecified deformity")
(SETF (GETHASH '"736.31" ICD9-HASH-TABLE) "Coxa valga (acquired)")
(SETF (GETHASH '"736.32" ICD9-HASH-TABLE) "Coxa vara (acquired)")
(SETF (GETHASH '"736.39" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"736.4" ICD9-HASH-TABLE)
      "Genu valgum or varum (acquired)")
(SETF (GETHASH '"736.41" ICD9-HASH-TABLE) "Genu valgum (acquired)")
(SETF (GETHASH '"736.42" ICD9-HASH-TABLE) "Genu varum (acquired)")
(SETF (GETHASH '"736.5" ICD9-HASH-TABLE) "Genu recurvatum (acquired)")
(SETF (GETHASH '"736.6" ICD9-HASH-TABLE)
      "Other acquired deformities of knee")
(SETF (GETHASH '"736.70" ICD9-HASH-TABLE)
      "Unspecified deformity of ankle and foot, acquired")
(SETF (GETHASH '"736.71" ICD9-HASH-TABLE)
      "Acquired equinovarus deformity")
(SETF (GETHASH '"736.72" ICD9-HASH-TABLE)
      "Equinus deformity of foot, acquired")
(SETF (GETHASH '"736.73" ICD9-HASH-TABLE) "Cavus deformity of foot")
(SETF (GETHASH '"736.74" ICD9-HASH-TABLE) "Claw foot, acquired")
(SETF (GETHASH '"736.75" ICD9-HASH-TABLE)
      "Cavovarus deformity of foot, acquired")
(SETF (GETHASH '"736.76" ICD9-HASH-TABLE) "Other calcaneus deformity")
(SETF (GETHASH '"736.79" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"736.8" ICD9-HASH-TABLE)
      "Acquired deformities of other parts of limbs")
(SETF (GETHASH '"736.81" ICD9-HASH-TABLE)
      "Unequal leg length (acquired)")
(SETF (GETHASH '"736.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"736.9" ICD9-HASH-TABLE)
      "Acquired deformity of limb, site unspecified")
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(SETF (GETHASH '"737" ICD9-HASH-TABLE) "Curvature of spine")
(SETF (GETHASH '"737.0" ICD9-HASH-TABLE) "Adolescent postural kyphosis")
(SETF (GETHASH '"737.1" ICD9-HASH-TABLE) "Kyphosis (acquired)")
(SETF (GETHASH '"737.10" ICD9-HASH-TABLE)
      "Kyphosis (acquired) (postural)")
(SETF (GETHASH '"737.11" ICD9-HASH-TABLE) "Kyphosis due to radiation")
(SETF (GETHASH '"737.12" ICD9-HASH-TABLE) "Kyphosis, postlaminectomy")
(SETF (GETHASH '"737.19" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"737.2" ICD9-HASH-TABLE) "Lordosis (acquired)")
(SETF (GETHASH '"737.20" ICD9-HASH-TABLE)
      "Lordosis (acquired) (postural)")
(SETF (GETHASH '"737.21" ICD9-HASH-TABLE) "Lordosis, postlaminectomy")
(SETF (GETHASH '"737.22" ICD9-HASH-TABLE) "Other postsurgical lordosis")
(SETF (GETHASH '"737.29" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"737.3" ICD9-HASH-TABLE) "Kyphoscoliosis and scoliosis")
(SETF (GETHASH '"737.30" ICD9-HASH-TABLE)
      "Scoliosis [and kyphoscoliosis], idiopathic")
(SETF (GETHASH '"737.31" ICD9-HASH-TABLE)
      "Resolving infantile idiopathic scoliosis")
(SETF (GETHASH '"737.32" ICD9-HASH-TABLE)
      "Progressive infantile idiopathic scoliosis")
(SETF (GETHASH '"737.33" ICD9-HASH-TABLE) "Scoliosis due to radiation")
(SETF (GETHASH '"737.34" ICD9-HASH-TABLE) "Thoracogenic scoliosis")
(SETF (GETHASH '"737.39" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"737.4" ICD9-HASH-TABLE)
      "Curvature of spine associated with other conditions")
(SETF (GETHASH '"737.40" ICD9-HASH-TABLE)
      "Curvature of spine, unspecified")
(SETF (GETHASH '"737.41" ICD9-HASH-TABLE) "Kyphosis")
(SETF (GETHASH '"737.42" ICD9-HASH-TABLE) "Lordosis")
(SETF (GETHASH '"737.43" ICD9-HASH-TABLE) "Scoliosis")
(SETF (GETHASH '"737.8" ICD9-HASH-TABLE) "Other curvatures of spine")
(SETF (GETHASH '"737.9" ICD9-HASH-TABLE)
      "Unspecified curvature of spine")
(SETF (GETHASH '"738" ICD9-HASH-TABLE) "Other acquired deformity")
(SETF (GETHASH '"738.0" ICD9-HASH-TABLE) "Acquired deformity of nose")
(SETF (GETHASH '"738.1" ICD9-HASH-TABLE)
      "Other acquired deformity of head")
(SETF (GETHASH '"738.10" ICD9-HASH-TABLE) "Unspecified deformity")
(SETF (GETHASH '"738.11" ICD9-HASH-TABLE) "Zygomatic hyperplasia")
(SETF (GETHASH '"738.12" ICD9-HASH-TABLE) "Zygomatic hypoplasia")
(SETF (GETHASH '"738.19" ICD9-HASH-TABLE) "Other specified deformity")
(SETF (GETHASH '"738.2" ICD9-HASH-TABLE) "Acquired deformity of neck")
(SETF (GETHASH '"738.3" ICD9-HASH-TABLE)
      "Acquired deformity of chest and rib")
(SETF (GETHASH '"738.4" ICD9-HASH-TABLE) "Acquired spondylolisthesis")
(SETF (GETHASH '"738.5" ICD9-HASH-TABLE)
      "Other acquired deformity of back or spine")
(SETF (GETHASH '"738.6" ICD9-HASH-TABLE) "Acquired deformity of pelvis")
(SETF (GETHASH '"738.7" ICD9-HASH-TABLE) "Cauliflower ear")
(SETF (GETHASH '"738.8" ICD9-HASH-TABLE)
      "Acquired deformity of other specified site")
(SETF (GETHASH '"739" ICD9-HASH-TABLE)
      "Nonallopathic lesions, not elsewhere classified")
(SETF (GETHASH '"739.0" ICD9-HASH-TABLE) "Head region")
(SETF (GETHASH '"739.1" ICD9-HASH-TABLE) "Cervical region")
(SETF (GETHASH '"739.2" ICD9-HASH-TABLE) "Thoracic region")
(SETF (GETHASH '"739.3" ICD9-HASH-TABLE) "Lumbar region")
(SETF (GETHASH '"739.4" ICD9-HASH-TABLE) "Sacral region")
(SETF (GETHASH '"739.5" ICD9-HASH-TABLE) "Pelvic region")
(SETF (GETHASH '"739.6" ICD9-HASH-TABLE) "Lower extremities")
(SETF (GETHASH '"739.7" ICD9-HASH-TABLE) "Upper extremities")
(SETF (GETHASH '"739.8" ICD9-HASH-TABLE) "Rib cage")
(SETF (GETHASH '"739.9" ICD9-HASH-TABLE) "Abdomen and other")
(SETF (GETHASH '"740" ICD9-HASH-TABLE)
      "Anencephalus and similar anomalies")
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(SETF (GETHASH '"740.0" ICD9-HASH-TABLE) "Anencephalus")
(SETF (GETHASH '"740.1" ICD9-HASH-TABLE) "Craniorachischisis")
(SETF (GETHASH '"740.2" ICD9-HASH-TABLE) "Iniencephaly")
(SETF (GETHASH '"741" ICD9-HASH-TABLE) "Spina bifida")
(SETF (GETHASH '"741.0" ICD9-HASH-TABLE) "With hydrocephalus")
(SETF (GETHASH '"741.9" ICD9-HASH-TABLE)
      "Without mention of hydrocephalus")
(SETF (GETHASH '"742" ICD9-HASH-TABLE)
      "Other congenital anomalies of nervous system")
(SETF (GETHASH '"742.0" ICD9-HASH-TABLE) "Encephalocele")
(SETF (GETHASH '"742.1" ICD9-HASH-TABLE) "Microcephalus")
(SETF (GETHASH '"742.2" ICD9-HASH-TABLE)
      "Reduction deformities of brain")
(SETF (GETHASH '"742.3" ICD9-HASH-TABLE) "Congenital hydrocephalus")
(SETF (GETHASH '"742.4" ICD9-HASH-TABLE)
      "Other specified anomalies of brain")
(SETF (GETHASH '"742.5" ICD9-HASH-TABLE)
      "Other specified anomalies of spinal cord")
(SETF (GETHASH '"742.51" ICD9-HASH-TABLE) "Diastematomyelia")
(SETF (GETHASH '"742.53" ICD9-HASH-TABLE) "Hydromyelia")
(SETF (GETHASH '"742.59" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"742.8" ICD9-HASH-TABLE)
      "Other specified anomalies of nervous system")
(SETF (GETHASH '"742.9" ICD9-HASH-TABLE)
      "Unspecified anomaly of brain, spinal cord, and nervous system")
(SETF (GETHASH '"743" ICD9-HASH-TABLE) "Congenital anomalies of eye")
(SETF (GETHASH '"743.0" ICD9-HASH-TABLE) "Anophthalmos")
(SETF (GETHASH '"743.00" ICD9-HASH-TABLE)
      "Clinical anophthalmos, unspecified")
(SETF (GETHASH '"743.03" ICD9-HASH-TABLE) "Cystic eyeball, congenital")
(SETF (GETHASH '"743.06" ICD9-HASH-TABLE) "Cryptophthalmos")
(SETF (GETHASH '"743.1" ICD9-HASH-TABLE) "Microphthalmos")
(SETF (GETHASH '"743.10" ICD9-HASH-TABLE) "Microphthalmos, unspecified")
(SETF (GETHASH '"743.11" ICD9-HASH-TABLE) "Simple microphthalmos")
(SETF (GETHASH '"743.12" ICD9-HASH-TABLE)
      "Microphthalmos associated with other anomalies of eye and adnexa")
(SETF (GETHASH '"743.20" ICD9-HASH-TABLE) "Buphthalmos, unspecified")
(SETF (GETHASH '"743.21" ICD9-HASH-TABLE) "Simple buphthalmos")
(SETF (GETHASH '"743.22" ICD9-HASH-TABLE)
      "Buphthalmos associated with other ocular anomalies")
(SETF (GETHASH '"743.3" ICD9-HASH-TABLE)
      "Congenital cataract and lens anomalies")
(SETF (GETHASH '"743.30" ICD9-HASH-TABLE)
      "Congenital cataract, unspecified")
(SETF (GETHASH '"743.31" ICD9-HASH-TABLE)
      "Capsular and subcapsular cataract")
(SETF (GETHASH '"743.32" ICD9-HASH-TABLE)
      "Cortical and zonular cataract")
(SETF (GETHASH '"743.33" ICD9-HASH-TABLE) "Nuclear cataract")
(SETF (GETHASH '"743.34" ICD9-HASH-TABLE)
      "Total and subtotal cataract, congenital")
(SETF (GETHASH '"743.35" ICD9-HASH-TABLE) "Congenital aphakia")
(SETF (GETHASH '"743.36" ICD9-HASH-TABLE) "Anomalies of lens shape")
(SETF (GETHASH '"743.37" ICD9-HASH-TABLE) "Congenital ectopic lens")
(SETF (GETHASH '"743.39" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"743.4" ICD9-HASH-TABLE)
      "Coloboma and other anomalies of anterior segment")
(SETF (GETHASH '"743.41" ICD9-HASH-TABLE)
      "Anomalies of corneal size and shape")
(SETF (GETHASH '"743.42" ICD9-HASH-TABLE)
      "Corneal opacities, interfering with vision, congenital")
(SETF (GETHASH '"743.43" ICD9-HASH-TABLE)
      "Other corneal opacities, congenital")
(SETF (GETHASH '"743.44" ICD9-HASH-TABLE)
      "Specified anomalies of anterior chamber, chamber angle, and related structures")
(SETF (GETHASH '"743.45" ICD9-HASH-TABLE) "Aniridia")
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(SETF (GETHASH '"743.46" ICD9-HASH-TABLE)
      "Other specified anomalies of iris and ciliary body")
(SETF (GETHASH '"743.47" ICD9-HASH-TABLE)
      "Specified anomalies of sclera")
(SETF (GETHASH '"743.48" ICD9-HASH-TABLE)
      "Multiple and combined anomalies of anterior segment")
(SETF (GETHASH '"743.49" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"743.5" ICD9-HASH-TABLE)
      "Congenital anomalies of posterior segment")
(SETF (GETHASH '"743.51" ICD9-HASH-TABLE) "Vitreous anomalies")
(SETF (GETHASH '"743.52" ICD9-HASH-TABLE) "Fundus coloboma")
(SETF (GETHASH '"743.53" ICD9-HASH-TABLE)
      "Chorioretinal degeneration, congenital")
(SETF (GETHASH '"743.54" ICD9-HASH-TABLE)
      "Congenital folds and cysts of posterior segment")
(SETF (GETHASH '"743.55" ICD9-HASH-TABLE) "Congenital macular changes")
(SETF (GETHASH '"743.56" ICD9-HASH-TABLE)
      "Other retinal changes, congenital")
(SETF (GETHASH '"743.57" ICD9-HASH-TABLE)
      "Specified anomalies of optic disc")
(SETF (GETHASH '"743.58" ICD9-HASH-TABLE) "Vascular anomalies")
(SETF (GETHASH '"743.59" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"743.6" ICD9-HASH-TABLE)
      "Congenital anomalies of eyelids, lacrimal system, and orbit")
(SETF (GETHASH '"743.61" ICD9-HASH-TABLE) "Congenital ptosis")
(SETF (GETHASH '"743.62" ICD9-HASH-TABLE)
      "Congenital deformities of eyelids")
(SETF (GETHASH '"743.63" ICD9-HASH-TABLE)
      "Other specified congenital anomalies of eyelid")
(SETF (GETHASH '"743.64" ICD9-HASH-TABLE)
      "Specified congenital anomalies of lacrimal gland")
(SETF (GETHASH '"743.65" ICD9-HASH-TABLE)
      "Specified congenital anomalies of lacrimal passages")
(SETF (GETHASH '"743.66" ICD9-HASH-TABLE)
      "Specified congenital anomalies of orbit")
(SETF (GETHASH '"743.69" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"743.8" ICD9-HASH-TABLE)
      "Other specified anomalies of eye")
(SETF (GETHASH '"743.9" ICD9-HASH-TABLE) "Unspecified anomaly of eye")
(SETF (GETHASH '"744" ICD9-HASH-TABLE)
      "Congenital anomalies of ear, face, and neck")
(SETF (GETHASH '"744.0" ICD9-HASH-TABLE)
      "Anomalies of ear causing impairment of hearing")
(SETF (GETHASH '"744.00" ICD9-HASH-TABLE)
      "Unspecified anomaly of ear with impairment of hearing")
(SETF (GETHASH '"744.01" ICD9-HASH-TABLE) "Absence of external ear")
(SETF (GETHASH '"744.02" ICD9-HASH-TABLE)
      "Other anomalies of external ear with impairment of hearing")
(SETF (GETHASH '"744.03" ICD9-HASH-TABLE)
      "Anomaly of middle ear, except ossicles")
(SETF (GETHASH '"744.04" ICD9-HASH-TABLE) "Anomalies of ear ossicles")
(SETF (GETHASH '"744.05" ICD9-HASH-TABLE) "Anomalies of inner ear")
(SETF (GETHASH '"744.09" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"744.1" ICD9-HASH-TABLE) "Accessory auricle")
(SETF (GETHASH '"744.2" ICD9-HASH-TABLE)
      "Other specified anomalies of ear")
(SETF (GETHASH '"744.21" ICD9-HASH-TABLE)
      "Absence of ear lobe, congenital")
(SETF (GETHASH '"744.22" ICD9-HASH-TABLE) "Macrotia")
(SETF (GETHASH '"744.23" ICD9-HASH-TABLE) "Microtia")
(SETF (GETHASH '"744.24" ICD9-HASH-TABLE)
      "Specified anomalies of Eustachian tube")
(SETF (GETHASH '"744.29" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"744.3" ICD9-HASH-TABLE) "Unspecified anomaly of ear")
(SETF (GETHASH '"744.4" ICD9-HASH-TABLE)
      "Branchial cleft cyst or fistula; preauricular sinus")
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(SETF (GETHASH '"744.41" ICD9-HASH-TABLE)
      "Branchial cleft sinus or fistula")
(SETF (GETHASH '"744.42" ICD9-HASH-TABLE) "Branchial cleft cyst")
(SETF (GETHASH '"744.43" ICD9-HASH-TABLE) "Cervical auricle")
(SETF (GETHASH '"744.46" ICD9-HASH-TABLE)
      "Preauricular sinus or fistula")
(SETF (GETHASH '"744.47" ICD9-HASH-TABLE) "Preauricular cyst")
(SETF (GETHASH '"744.49" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"744.5" ICD9-HASH-TABLE) "Webbing of neck")
(SETF (GETHASH '"744.8" ICD9-HASH-TABLE)
      "Other specified anomalies of face and neck")
(SETF (GETHASH '"744.81" ICD9-HASH-TABLE) "Macrocheilia")
(SETF (GETHASH '"744.82" ICD9-HASH-TABLE) "Microcheilia")
(SETF (GETHASH '"744.83" ICD9-HASH-TABLE) "Macrostomia")
(SETF (GETHASH '"744.84" ICD9-HASH-TABLE) "Microstomia")
(SETF (GETHASH '"744.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"744.9" ICD9-HASH-TABLE)
      "Unspecified anomalies of face and neck")
(SETF (GETHASH '"745" ICD9-HASH-TABLE)
      "Bulbus cordis anomalies and anomalies of cardiac septal closure")
(SETF (GETHASH '"745.0" ICD9-HASH-TABLE) "Common truncus")
(SETF (GETHASH '"745.1" ICD9-HASH-TABLE)
      "Transposition of great vessels")
(SETF (GETHASH '"745.10" ICD9-HASH-TABLE)
      "Complete transposition of great vessels")
(SETF (GETHASH '"745.11" ICD9-HASH-TABLE)
      "Double outlet right ventricle")
(SETF (GETHASH '"745.12" ICD9-HASH-TABLE)
      "Corrected transposition of great vessels")
(SETF (GETHASH '"745.19" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"745.2" ICD9-HASH-TABLE) "Tetralogy of Fallot")
(SETF (GETHASH '"745.3" ICD9-HASH-TABLE) "Common ventricle")
(SETF (GETHASH '"745.4" ICD9-HASH-TABLE) "Ventricular septal defect")
(SETF (GETHASH '"745.5" ICD9-HASH-TABLE)
      "Ostium secundum type atrial septal defect")
(SETF (GETHASH '"745.6" ICD9-HASH-TABLE) "Endocardial cushion defects")
(SETF (GETHASH '"745.60" ICD9-HASH-TABLE)
      "Endocardial cushion defect, unspecified type")
(SETF (GETHASH '"745.61" ICD9-HASH-TABLE) "Ostium primum defect")
(SETF (GETHASH '"745.69" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"745.7" ICD9-HASH-TABLE) "Cor biloculare")
(SETF (GETHASH '"745.8" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"745.9" ICD9-HASH-TABLE)
      "Unspecified defect of septal closure")
(SETF (GETHASH '"746" ICD9-HASH-TABLE)
      "Other congenital anomalies of heart")
(SETF (GETHASH '"746.0" ICD9-HASH-TABLE) "Anomalies of pulmonary valve")
(SETF (GETHASH '"746.00" ICD9-HASH-TABLE)
      "Pulmonary valve anomaly, unspecified")
(SETF (GETHASH '"746.01" ICD9-HASH-TABLE) "Atresia, congenital")
(SETF (GETHASH '"746.02" ICD9-HASH-TABLE) "Stenosis, congenital")
(SETF (GETHASH '"746.09" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"746.1" ICD9-HASH-TABLE)
      "Tricuspid atresia and stenosis, congenital")
(SETF (GETHASH '"746.2" ICD9-HASH-TABLE) "Ebstein's anomaly")
(SETF (GETHASH '"746.3" ICD9-HASH-TABLE)
      "Congenital stenosis of aortic valve")
(SETF (GETHASH '"746.4" ICD9-HASH-TABLE)
      "Congenital insufficiency of aortic valve")
(SETF (GETHASH '"746.5" ICD9-HASH-TABLE) "Congenital mitral stenosis")
(SETF (GETHASH '"746.6" ICD9-HASH-TABLE)
      "Congenital mitral insufficiency")
(SETF (GETHASH '"746.7" ICD9-HASH-TABLE)
      "Hypoplastic left heart syndrome")
(SETF (GETHASH '"746.8" ICD9-HASH-TABLE)
      "Other specified anomalies of heart")
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(SETF (GETHASH '"746.81" ICD9-HASH-TABLE) "Subaortic stenosis")
(SETF (GETHASH '"746.82" ICD9-HASH-TABLE) "Cor triatriatum")
(SETF (GETHASH '"746.83" ICD9-HASH-TABLE)
      "Infundibular pulmonic stenosis")
(SETF (GETHASH '"746.84" ICD9-HASH-TABLE)
      "Obstructive anomalies of heart, NEC")
(SETF (GETHASH '"746.85" ICD9-HASH-TABLE) "Coronary artery anomaly")
(SETF (GETHASH '"746.86" ICD9-HASH-TABLE) "Congenital heart block")
(SETF (GETHASH '"746.87" ICD9-HASH-TABLE)
      "Malposition of heart and cardiac apex")
(SETF (GETHASH '"746.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"746.9" ICD9-HASH-TABLE) "Unspecified anomaly of heart")
(SETF (GETHASH '"747" ICD9-HASH-TABLE)
      "Other congenital anomalies of circulatory system")
(SETF (GETHASH '"747.0" ICD9-HASH-TABLE) "Patent ductus arteriosus")
(SETF (GETHASH '"747.1" ICD9-HASH-TABLE) "Coarctation of aorta")
(SETF (GETHASH '"747.10" ICD9-HASH-TABLE)
      "Coarctation of aorta (preductal) (postductal)")
(SETF (GETHASH '"747.11" ICD9-HASH-TABLE) "Interruption of aortic arch")
(SETF (GETHASH '"747.2" ICD9-HASH-TABLE) "Other anomalies of aorta")
(SETF (GETHASH '"747.20" ICD9-HASH-TABLE)
      "Anomaly of aorta, unspecified")
(SETF (GETHASH '"747.21" ICD9-HASH-TABLE) "Anomalies of aortic arch")
(SETF (GETHASH '"747.22" ICD9-HASH-TABLE)
      "Atresia and stenosis of aorta")
(SETF (GETHASH '"747.29" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"747.3" ICD9-HASH-TABLE) "Anomalies of pulmonary artery")
(SETF (GETHASH '"747.4" ICD9-HASH-TABLE) "Anomalies of great veins")
(SETF (GETHASH '"747.40" ICD9-HASH-TABLE)
      "Anomaly of great veins, unspecified")
(SETF (GETHASH '"747.41" ICD9-HASH-TABLE)
      "Total anomalous pulmonary venous connection")
(SETF (GETHASH '"747.42" ICD9-HASH-TABLE)
      "Partial anomalous pulmonary venous connection")
(SETF (GETHASH '"747.49" ICD9-HASH-TABLE)
      "Other anomalies of great veins")
(SETF (GETHASH '"747.5" ICD9-HASH-TABLE)
      "Absence or hypoplasia of umbilical artery")
(SETF (GETHASH '"747.60" ICD9-HASH-TABLE)
      "Anomaly of the peripheral vascular system, unspecified site")
(SETF (GETHASH '"747.61" ICD9-HASH-TABLE)
      "Gastrointestinal vessel anomaly")
(SETF (GETHASH '"747.62" ICD9-HASH-TABLE) "Renal vessel anomaly")
(SETF (GETHASH '"747.63" ICD9-HASH-TABLE) "Upper limb vessel anomaly")
(SETF (GETHASH '"747.64" ICD9-HASH-TABLE) "Lower limb vessel anomaly")
(SETF (GETHASH '"747.69" ICD9-HASH-TABLE)
      "Anomalies of other specified sites of peripheral vascular system")
(SETF (GETHASH '"747.8" ICD9-HASH-TABLE)
      "Other specified anomalies of circulatory system")
(SETF (GETHASH '"747.81" ICD9-HASH-TABLE)
      "Anomalies of cerebrovascular system")
(SETF (GETHASH '"747.82" ICD9-HASH-TABLE) "Spinal vessel anomaly")
(SETF (GETHASH '"747.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"747.9" ICD9-HASH-TABLE)
      "Unspecified anomaly of circulatory system")
(SETF (GETHASH '"748" ICD9-HASH-TABLE)
      "Congenital anomalies of respiratory system")
(SETF (GETHASH '"748.0" ICD9-HASH-TABLE) "Choanal atresia")
(SETF (GETHASH '"748.1" ICD9-HASH-TABLE) "Other anomalies of nose")
(SETF (GETHASH '"748.2" ICD9-HASH-TABLE) "Web of larynx")
(SETF (GETHASH '"748.3" ICD9-HASH-TABLE)
      "Other anomalies of larynx, trachea, and bronchus")
(SETF (GETHASH '"748.4" ICD9-HASH-TABLE) "Congenital cystic lung")
(SETF (GETHASH '"748.5" ICD9-HASH-TABLE)
      "Agenesis, hypoplasia, and dysplasia of lung")
(SETF (GETHASH '"748.6" ICD9-HASH-TABLE) "Other anomalies of lung")
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(SETF (GETHASH '"748.60" ICD9-HASH-TABLE) "Anomaly of lung, unspecified")
(SETF (GETHASH '"748.61" ICD9-HASH-TABLE) "Congenital bronchiectasis")
(SETF (GETHASH '"748.69" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"748.8" ICD9-HASH-TABLE)
      "Other specified anomalies of respiratory system")
(SETF (GETHASH '"748.9" ICD9-HASH-TABLE)
      "Unspecified anomaly of respiratory system")
(SETF (GETHASH '"749" ICD9-HASH-TABLE) "Cleft palate and cleft lip")
(SETF (GETHASH '"749.0" ICD9-HASH-TABLE) "Cleft palate")
(SETF (GETHASH '"749.00" ICD9-HASH-TABLE) "Cleft palate, unspecified")
(SETF (GETHASH '"749.01" ICD9-HASH-TABLE) "Unilateral, complete")
(SETF (GETHASH '"749.02" ICD9-HASH-TABLE) "Unilateral, incomplete")
(SETF (GETHASH '"749.03" ICD9-HASH-TABLE) "Bilateral, complete")
(SETF (GETHASH '"749.04" ICD9-HASH-TABLE) "Bilateral, incomplete")
(SETF (GETHASH '"749.1" ICD9-HASH-TABLE) "Cleft lip")
(SETF (GETHASH '"749.10" ICD9-HASH-TABLE) "Cleft lip, unspecified")
(SETF (GETHASH '"749.11" ICD9-HASH-TABLE) "Unilateral, complete")
(SETF (GETHASH '"749.12" ICD9-HASH-TABLE) "Unilateral, incomplete")
(SETF (GETHASH '"749.13" ICD9-HASH-TABLE) "Bilateral, complete")
(SETF (GETHASH '"749.14" ICD9-HASH-TABLE) "Bilateral, incomplete")
(SETF (GETHASH '"749.2" ICD9-HASH-TABLE) "Cleft palate with cleft lip")
(SETF (GETHASH '"749.20" ICD9-HASH-TABLE)
      "Cleft palate with cleft lip, unspecified")
(SETF (GETHASH '"749.21" ICD9-HASH-TABLE) "Unilateral, complete")
(SETF (GETHASH '"749.22" ICD9-HASH-TABLE) "Unilateral, incomplete")
(SETF (GETHASH '"749.23" ICD9-HASH-TABLE) "Bilateral, complete")
(SETF (GETHASH '"749.24" ICD9-HASH-TABLE) "Bilateral, incomplete")
(SETF (GETHASH '"749.25" ICD9-HASH-TABLE) "Other combinations")
(SETF (GETHASH '"750" ICD9-HASH-TABLE)
      "Other congenital anomalies of upper alimentary tract")
(SETF (GETHASH '"750.0" ICD9-HASH-TABLE) "Tongue tie")
(SETF (GETHASH '"750.1" ICD9-HASH-TABLE) "Other anomalies of tongue")
(SETF (GETHASH '"750.10" ICD9-HASH-TABLE)
      "Anomaly of tongue, unspecified")
(SETF (GETHASH '"750.11" ICD9-HASH-TABLE) "Aglossia")
(SETF (GETHASH '"750.12" ICD9-HASH-TABLE)
      "Congenital adhesions of tongue")
(SETF (GETHASH '"750.15" ICD9-HASH-TABLE) "Macroglossia")
(SETF (GETHASH '"750.16" ICD9-HASH-TABLE) "Microglossia")
(SETF (GETHASH '"750.19" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"750.2" ICD9-HASH-TABLE)
      "Other specified anomalies of mouth and pharynx")
(SETF (GETHASH '"750.21" ICD9-HASH-TABLE) "Absence of salivary gland")
(SETF (GETHASH '"750.22" ICD9-HASH-TABLE) "Accessory salivary gland")
(SETF (GETHASH '"750.23" ICD9-HASH-TABLE) "Atresia, salivary gland")
(SETF (GETHASH '"750.24" ICD9-HASH-TABLE)
      "Congenital fistula of salivary gland")
(SETF (GETHASH '"750.25" ICD9-HASH-TABLE) "Congenital fistula of lip")
(SETF (GETHASH '"750.26" ICD9-HASH-TABLE)
      "Other specified anomalies of mouth")
(SETF (GETHASH '"750.27" ICD9-HASH-TABLE) "Diverticulum of pharynx")
(SETF (GETHASH '"750.29" ICD9-HASH-TABLE)
      "Other specified anomalies of pharynx")
(SETF (GETHASH '"750.3" ICD9-HASH-TABLE)
      "Tracheoesophageal fistula, esophageal atresia and stenosis")
(SETF (GETHASH '"750.4" ICD9-HASH-TABLE)
      "Other specified anomalies of esophagus")
(SETF (GETHASH '"750.5" ICD9-HASH-TABLE)
      "Congenital hypertrophic pyloric stenosis")
(SETF (GETHASH '"750.6" ICD9-HASH-TABLE) "Congenital hiatus hernia")
(SETF (GETHASH '"750.7" ICD9-HASH-TABLE)
      "Other specified anomalies of stomach")
(SETF (GETHASH '"750.8" ICD9-HASH-TABLE)
      "Other specified anomalies of upper alimentary tract")
(SETF (GETHASH '"750.9" ICD9-HASH-TABLE)
      "Unspecified anomaly of upper alimentary tract")
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(SETF (GETHASH '"751" ICD9-HASH-TABLE)
      "Other congenital anomalies of digestive system")
(SETF (GETHASH '"751.0" ICD9-HASH-TABLE) "Meckel's diverticulum")
(SETF (GETHASH '"751.1" ICD9-HASH-TABLE)
      "Atresia and stenosis of small intestine")
(SETF (GETHASH '"751.2" ICD9-HASH-TABLE)
      "Atresia and stenosis of large intestine, rectum, and anal canal")
(SETF (GETHASH '"751.3" ICD9-HASH-TABLE)
      "Hirschsprung's disease and other congenital functional disorders of colon")
(SETF (GETHASH '"751.4" ICD9-HASH-TABLE)
      "Anomalies of intestinal fixation")
(SETF (GETHASH '"751.5" ICD9-HASH-TABLE) "Other anomalies of intestine")
(SETF (GETHASH '"751.6" ICD9-HASH-TABLE)
      "Anomalies of gallbladder, bile ducts, and liver")
(SETF (GETHASH '"751.60" ICD9-HASH-TABLE)
      "Unspecified anomaly of gallbladder, bile ducts, and liver")
(SETF (GETHASH '"751.61" ICD9-HASH-TABLE) "Biliary atresia")
(SETF (GETHASH '"751.62" ICD9-HASH-TABLE)
      "Congenital cystic disease of liver")
(SETF (GETHASH '"751.69" ICD9-HASH-TABLE)
      "Other anomalies of gallbladder, bile ducts, and liver")
(SETF (GETHASH '"751.7" ICD9-HASH-TABLE) "Anomalies of pancreas")
(SETF (GETHASH '"751.8" ICD9-HASH-TABLE)
      "Other specified anomalies of digestive system")
(SETF (GETHASH '"751.9" ICD9-HASH-TABLE)
      "Unspecified anomaly of digestive system")
(SETF (GETHASH '"752" ICD9-HASH-TABLE)
      "Congenital anomalies of genital organs")
(SETF (GETHASH '"752.0" ICD9-HASH-TABLE) "Anomalies of ovaries")
(SETF (GETHASH '"752.1" ICD9-HASH-TABLE)
      "Anomalies of fallopian tubes and broad ligaments")
(SETF (GETHASH '"752.10" ICD9-HASH-TABLE)
      "Unspecified anomaly of fallopian tubes and broad ligaments")
(SETF (GETHASH '"752.11" ICD9-HASH-TABLE)
      "Embryonic cyst of fallopian tubes and broad ligaments")
(SETF (GETHASH '"752.19" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"752.2" ICD9-HASH-TABLE) "Doubling of uterus")
(SETF (GETHASH '"752.3" ICD9-HASH-TABLE) "Other anomalies of uterus")
(SETF (GETHASH '"752.4" ICD9-HASH-TABLE)
      "Anomalies of cervix, vagina, and external female genitalia")
(SETF (GETHASH '"752.40" ICD9-HASH-TABLE)
      "Unspecified anomaly of cervix, vagina, and external female genitalia")
(SETF (GETHASH '"752.41" ICD9-HASH-TABLE)
      "Embryonic cyst of cervix, vagina, and external female genitalia")
(SETF (GETHASH '"752.42" ICD9-HASH-TABLE) "Imperforate hymen")
(SETF (GETHASH '"752.49" ICD9-HASH-TABLE)
      "Other anomalies of cervix, vagina, and external female genitalia")
(SETF (GETHASH '"752.5" ICD9-HASH-TABLE)
      "Undescended and retractile testicle")
(SETF (GETHASH '"752.51" ICD9-HASH-TABLE) "Undescended testis")
(SETF (GETHASH '"752.52" ICD9-HASH-TABLE) "Retractile testis")
(SETF (GETHASH '"752.6" ICD9-HASH-TABLE)
      "Hypospadias and epispadias and other penile anomalies")
(SETF (GETHASH '"752.61" ICD9-HASH-TABLE) "Hypospadias")
(SETF (GETHASH '"752.62" ICD9-HASH-TABLE) "Epispadias")
(SETF (GETHASH '"752.63" ICD9-HASH-TABLE) "Congenital chordee")
(SETF (GETHASH '"752.64" ICD9-HASH-TABLE) "Micropenis")
(SETF (GETHASH '"752.65" ICD9-HASH-TABLE) "Hidden penis")
(SETF (GETHASH '"752.69" ICD9-HASH-TABLE) "Other penile anomalies")
(SETF (GETHASH '"752.7" ICD9-HASH-TABLE)
      "Indeterminate sex and pseudohermaphroditism")
(SETF (GETHASH '"752.8" ICD9-HASH-TABLE)
      "Other specified anomalies of genital organs")
(SETF (GETHASH '"752.9" ICD9-HASH-TABLE)
      "Unspecified anomaly of genital organs")
(SETF (GETHASH '"753" ICD9-HASH-TABLE)
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      "Congenital anomalies of urinary system")
(SETF (GETHASH '"753.0" ICD9-HASH-TABLE) "Renal agenesis and dysgenesis")
(SETF (GETHASH '"753.1" ICD9-HASH-TABLE) "Cystic kidney disease")
(SETF (GETHASH '"753.10" ICD9-HASH-TABLE)
      "Cystic kidney disease, unspecified")
(SETF (GETHASH '"753.11" ICD9-HASH-TABLE) "Congenital single renal cyst")
(SETF (GETHASH '"753.12" ICD9-HASH-TABLE)
      "Polycystic kidney, unspecified type")
(SETF (GETHASH '"753.13" ICD9-HASH-TABLE)
      "Polycystic kidney, autosomal dominant")
(SETF (GETHASH '"753.14" ICD9-HASH-TABLE)
      "Polycystic kidney, autosomal recessive")
(SETF (GETHASH '"753.15" ICD9-HASH-TABLE) "Renal dysplasia")
(SETF (GETHASH '"753.16" ICD9-HASH-TABLE) "Medullary cystic kidney")
(SETF (GETHASH '"753.17" ICD9-HASH-TABLE) "Medullary sponge kidney")
(SETF (GETHASH '"753.19" ICD9-HASH-TABLE)
      "Other specified cystic kidney disease")
(SETF (GETHASH '"753.2" ICD9-HASH-TABLE)
      "Obstructive defects of renal pelvis and ureter")
(SETF (GETHASH '"753.20" ICD9-HASH-TABLE)
      "Unspecified obstructive defect of renal pelvis and ureter")
(SETF (GETHASH '"753.21" ICD9-HASH-TABLE)
      "Congenital obstruction of ureteropelvic junction")
(SETF (GETHASH '"753.22" ICD9-HASH-TABLE)
      "Congenital obstruction of ureterovesical junction")
(SETF (GETHASH '"753.23" ICD9-HASH-TABLE) "Congenital ureterocele")
(SETF (GETHASH '"753.29" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"753.3" ICD9-HASH-TABLE)
      "Other specified anomalies of kidney")
(SETF (GETHASH '"753.4" ICD9-HASH-TABLE)
      "Other specified anomalies of ureter")
(SETF (GETHASH '"753.5" ICD9-HASH-TABLE) "Exstrophy of urinary bladder")
(SETF (GETHASH '"753.6" ICD9-HASH-TABLE)
      "Atresia and stenosis of urethra and bladder neck")
(SETF (GETHASH '"753.7" ICD9-HASH-TABLE) "Anomalies of urachus")
(SETF (GETHASH '"753.8" ICD9-HASH-TABLE)
      "Other specified anomalies of bladder and urethra")
(SETF (GETHASH '"753.9" ICD9-HASH-TABLE)
      "Unspecified anomaly of urinary system")
(SETF (GETHASH '"754" ICD9-HASH-TABLE)
      "Certain congenital musculoskeletal deformities")
(SETF (GETHASH '"754.0" ICD9-HASH-TABLE) "Of skull, face, and jaw")
(SETF (GETHASH '"754.1" ICD9-HASH-TABLE) "Of sternocleidomastoid muscle")
(SETF (GETHASH '"754.2" ICD9-HASH-TABLE) "Of spine")
(SETF (GETHASH '"754.3" ICD9-HASH-TABLE) "Congenital dislocation of hip")
(SETF (GETHASH '"754.30" ICD9-HASH-TABLE)
      "Congenital dislocation of hip, unilateral")
(SETF (GETHASH '"754.31" ICD9-HASH-TABLE)
      "Congenital dislocation of hip, bilateral")
(SETF (GETHASH '"754.32" ICD9-HASH-TABLE)
      "Congenital subluxation of hip, unilateral")
(SETF (GETHASH '"754.33" ICD9-HASH-TABLE)
      "Congenital subluxation of hip, bilateral")
(SETF (GETHASH '"754.35" ICD9-HASH-TABLE)
      "Congenital dislocation of one hip with subluxation of other hip")
(SETF (GETHASH '"754.4" ICD9-HASH-TABLE)
      "Congenital genu recurvatum and bowing of long bones of leg")
(SETF (GETHASH '"754.40" ICD9-HASH-TABLE) "Genu recurvatum")
(SETF (GETHASH '"754.41" ICD9-HASH-TABLE)
      "Congenital dislocation of knee (with genu recurvatum)")
(SETF (GETHASH '"754.42" ICD9-HASH-TABLE) "Congenital bowing of femur")
(SETF (GETHASH '"754.43" ICD9-HASH-TABLE)
      "Congenital bowing of tibia and fibula")
(SETF (GETHASH '"754.44" ICD9-HASH-TABLE)
      "Congenital bowing of unspecified long bones of leg")
(SETF (GETHASH '"754.5" ICD9-HASH-TABLE) "Varus deformities of feet")
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(SETF (GETHASH '"754.50" ICD9-HASH-TABLE) "Talipes varus")
(SETF (GETHASH '"754.51" ICD9-HASH-TABLE) "Talipes equinovarus")
(SETF (GETHASH '"754.52" ICD9-HASH-TABLE) "Metatarsus primus varus")
(SETF (GETHASH '"754.53" ICD9-HASH-TABLE) "Metatarsus varus")
(SETF (GETHASH '"754.59" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"754.6" ICD9-HASH-TABLE) "Valgus deformities of feet")
(SETF (GETHASH '"754.60" ICD9-HASH-TABLE) "Talipes valgus")
(SETF (GETHASH '"754.61" ICD9-HASH-TABLE) "Congenital pes planus")
(SETF (GETHASH '"754.62" ICD9-HASH-TABLE) "Talipes calcaneovalgus")
(SETF (GETHASH '"754.7" ICD9-HASH-TABLE) "Other deformities of feet")
(SETF (GETHASH '"754.70" ICD9-HASH-TABLE) "Talipes, unspecified")
(SETF (GETHASH '"754.71" ICD9-HASH-TABLE) "Talipes cavus")
(SETF (GETHASH '"754.79" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"754.8" ICD9-HASH-TABLE)
      "Other specified nonteratogenic anomalies")
(SETF (GETHASH '"754.81" ICD9-HASH-TABLE) "Pectus excavatum")
(SETF (GETHASH '"754.82" ICD9-HASH-TABLE) "Pectus carinatum")
(SETF (GETHASH '"754.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"755" ICD9-HASH-TABLE)
      "Other congenital anomalies of limbs")
(SETF (GETHASH '"755.0" ICD9-HASH-TABLE) "Polydactyly")
(SETF (GETHASH '"755.00" ICD9-HASH-TABLE)
      "Polydactyly, unspecified digits")
(SETF (GETHASH '"755.01" ICD9-HASH-TABLE) "Of fingers")
(SETF (GETHASH '"755.02" ICD9-HASH-TABLE) "Of toes")
(SETF (GETHASH '"755.1" ICD9-HASH-TABLE) "Syndactyly")
(SETF (GETHASH '"755.10" ICD9-HASH-TABLE)
      "Of multiple and unspecified sites")
(SETF (GETHASH '"755.11" ICD9-HASH-TABLE)
      "Of fingers without fusion of bone")
(SETF (GETHASH '"755.12" ICD9-HASH-TABLE)
      "Of fingers with fusion of bone")
(SETF (GETHASH '"755.13" ICD9-HASH-TABLE)
      "Of toes without fusion of bone")
(SETF (GETHASH '"755.14" ICD9-HASH-TABLE) "Of toes with fusion of bone")
(SETF (GETHASH '"755.2" ICD9-HASH-TABLE)
      "Reduction deformities of upper limb")
(SETF (GETHASH '"755.20" ICD9-HASH-TABLE)
      "Unspecified reduction deformity of upper limb")
(SETF (GETHASH '"755.21" ICD9-HASH-TABLE)
      "Transverse deficiency of upper limb")
(SETF (GETHASH '"755.22" ICD9-HASH-TABLE)
      "Longitudinal deficiency of upper limb, NEC")
(SETF (GETHASH '"755.23" ICD9-HASH-TABLE)
      "Longitudinal deficiency, combined, involving humerus, radius, and ulna (complete or incomplete)")
(SETF (GETHASH '"755.24" ICD9-HASH-TABLE)
      "Longitudinal deficiency, humeral, complete or partial (with or without distal deficiencies, incomplete)")
(SETF (GETHASH '"755.25" ICD9-HASH-TABLE)
      "Longitudinal deficiency, radioulnar, complete or partial (with or without distal deficiencies, incomplete)")
(SETF (GETHASH '"755.26" ICD9-HASH-TABLE)
      "Longitudinal deficiency, radial, complete or partial (with or without distal deficiencies, incomplete)")
(SETF (GETHASH '"755.27" ICD9-HASH-TABLE)
      "Longitudinal deficiency, ulnar, complete or partial (with or without distal deficiencies, incomplete)")
(SETF (GETHASH '"755.28" ICD9-HASH-TABLE)
      "Longitudinal deficiency, carpals or metacarpals, complete or partial (with or without incomplete phalangeal deficiency)")
(SETF (GETHASH '"755.29" ICD9-HASH-TABLE)
      "Longitudinal deficiency, phalanges, complete or partial")
(SETF (GETHASH '"755.3" ICD9-HASH-TABLE)
      "Reduction deformities of lower limb")
(SETF (GETHASH '"755.30" ICD9-HASH-TABLE)
      "Unspecified reduction deformity of lower limb")
(SETF (GETHASH '"755.31" ICD9-HASH-TABLE)
      "Transverse deficiency of lower limb")
(SETF (GETHASH '"755.32" ICD9-HASH-TABLE)
      "Longitudinal deficiency of lower limb, NEC")
(SETF (GETHASH '"755.33" ICD9-HASH-TABLE)
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      "Longitudinal deficiency, combined, involving femur, tibia, and fibula (complete or incomplete)")
(SETF (GETHASH '"755.34" ICD9-HASH-TABLE)
      "Longitudinal deficiency, femoral, complete or partial (with or without distal deficiencies, incomplete)")
(SETF (GETHASH '"755.35" ICD9-HASH-TABLE)
      "Longitudinal deficiency, tibiofibular, complete or partial (with or without distal deficiencies, incomplete)")
(SETF (GETHASH '"755.36" ICD9-HASH-TABLE)
      "Longitudinal deficiency, tibia, complete or partial (with or without distal deficiencies, incomplete)")
(SETF (GETHASH '"755.37" ICD9-HASH-TABLE)
      "Longitudinal deficiency, fibular, complete or partial (with or without distal deficiencies, incomplete)")
(SETF (GETHASH '"755.38" ICD9-HASH-TABLE)
      "Longitudinal deficiency, tarsals or metatarsals, complete or partial (with or without incomplete phalangeal deficiency)")
(SETF (GETHASH '"755.39" ICD9-HASH-TABLE)
      "Longitudinal deficiency, phalanges, complete or partial")
(SETF (GETHASH '"755.4" ICD9-HASH-TABLE)
      "Reduction deformities, unspecified limb")
(SETF (GETHASH '"755.5" ICD9-HASH-TABLE)
      "Other anomalies of upper limb, including shoulder girdle")
(SETF (GETHASH '"755.50" ICD9-HASH-TABLE)
      "Unspecified anomaly of upper limb")
(SETF (GETHASH '"755.51" ICD9-HASH-TABLE)
      "Congenital deformity of clavicle")
(SETF (GETHASH '"755.52" ICD9-HASH-TABLE)
      "Congenital elevation of scapula")
(SETF (GETHASH '"755.53" ICD9-HASH-TABLE) "Radioulnar synostosis")
(SETF (GETHASH '"755.54" ICD9-HASH-TABLE) "Madelung's deformity")
(SETF (GETHASH '"755.55" ICD9-HASH-TABLE) "Acrocephalosyndactyly")
(SETF (GETHASH '"755.56" ICD9-HASH-TABLE) "Accessory carpal bones")
(SETF (GETHASH '"755.57" ICD9-HASH-TABLE) "Macrodactylia (fingers)")
(SETF (GETHASH '"755.58" ICD9-HASH-TABLE) "Cleft hand, congenital")
(SETF (GETHASH '"755.59" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"755.6" ICD9-HASH-TABLE)
      "Other anomalies of lower limb, including pelvic girdle")
(SETF (GETHASH '"755.60" ICD9-HASH-TABLE)
      "Unspecified anomaly of lower limb")
(SETF (GETHASH '"755.61" ICD9-HASH-TABLE) "Coxa valga, congenital")
(SETF (GETHASH '"755.62" ICD9-HASH-TABLE) "Coxa vara, congenital")
(SETF (GETHASH '"755.63" ICD9-HASH-TABLE)
      "Other congenital deformity of hip (joint)")
(SETF (GETHASH '"755.64" ICD9-HASH-TABLE)
      "Congenital deformity of knee (joint)")
(SETF (GETHASH '"755.65" ICD9-HASH-TABLE) "Macrodactylia of toes")
(SETF (GETHASH '"755.66" ICD9-HASH-TABLE) "Other anomalies of toes")
(SETF (GETHASH '"755.67" ICD9-HASH-TABLE) "Anomalies of foot, NEC")
(SETF (GETHASH '"755.69" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"755.8" ICD9-HASH-TABLE)
      "Other specified anomalies of unspecified limb")
(SETF (GETHASH '"755.9" ICD9-HASH-TABLE)
      "Unspecified anomaly of unspecified limb")
(SETF (GETHASH '"756" ICD9-HASH-TABLE)
      "Other congenital musculoskeletal anomalies")
(SETF (GETHASH '"756.0" ICD9-HASH-TABLE)
      "Anomalies of skull and face bones")
(SETF (GETHASH '"756.1" ICD9-HASH-TABLE) "Anomalies of spine")
(SETF (GETHASH '"756.10" ICD9-HASH-TABLE)
      "Anomaly of spine, unspecified")
(SETF (GETHASH '"756.11" ICD9-HASH-TABLE)
      "Spondylolysis, lumbosacral region")
(SETF (GETHASH '"756.12" ICD9-HASH-TABLE) "Spondylolisthesis")
(SETF (GETHASH '"756.13" ICD9-HASH-TABLE)
      "Absence of vertebra, congenital")
(SETF (GETHASH '"756.14" ICD9-HASH-TABLE) "Hemivertebra")
(SETF (GETHASH '"756.15" ICD9-HASH-TABLE)
      "Fusion of spine [vertebra], congenital")
(SETF (GETHASH '"756.16" ICD9-HASH-TABLE) "Klippel-Feil syndrome")
(SETF (GETHASH '"756.17" ICD9-HASH-TABLE) "Spina bifida occulta")
(SETF (GETHASH '"756.19" ICD9-HASH-TABLE) "Other")
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(SETF (GETHASH '"756.2" ICD9-HASH-TABLE) "Cervical rib")
(SETF (GETHASH '"756.3" ICD9-HASH-TABLE)
      "Other anomalies of ribs and sternum")
(SETF (GETHASH '"756.4" ICD9-HASH-TABLE) "Chondrodystrophy")
(SETF (GETHASH '"756.5" ICD9-HASH-TABLE) "Osteodystrophies")
(SETF (GETHASH '"756.50" ICD9-HASH-TABLE) "Osteodystrophy, unspecified")
(SETF (GETHASH '"756.51" ICD9-HASH-TABLE) "Osteogenesis imperfecta")
(SETF (GETHASH '"756.52" ICD9-HASH-TABLE) "Osteopetrosis")
(SETF (GETHASH '"756.53" ICD9-HASH-TABLE) "Osteopoikilosis")
(SETF (GETHASH '"756.54" ICD9-HASH-TABLE)
      "Polyostotic fibrous dysplasia of bone")
(SETF (GETHASH '"756.55" ICD9-HASH-TABLE) "Chondroectodermal dysplasia")
(SETF (GETHASH '"756.56" ICD9-HASH-TABLE)
      "Multiple epiphyseal dysplasia")
(SETF (GETHASH '"756.59" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"756.6" ICD9-HASH-TABLE) "Anomalies of diaphragm")
(SETF (GETHASH '"756.7" ICD9-HASH-TABLE) "Anomalies of abdominal wall")
(SETF (GETHASH '"756.70" ICD9-HASH-TABLE)
      "Anomaly of abdominal wall, unspecified")
(SETF (GETHASH '"756.71" ICD9-HASH-TABLE) "Prune belly syndrome")
(SETF (GETHASH '"756.79" ICD9-HASH-TABLE)
      "Other congenital anomalies of abdominal wall")
(SETF (GETHASH '"756.8" ICD9-HASH-TABLE)
      "Other specified anomalies of muscle, tendon, fascia, and connective tissue")
(SETF (GETHASH '"756.81" ICD9-HASH-TABLE) "Absence of muscle and tendon")
(SETF (GETHASH '"756.82" ICD9-HASH-TABLE) "Accessory muscle")
(SETF (GETHASH '"756.83" ICD9-HASH-TABLE) "Ehlers-Danlos syndrome")
(SETF (GETHASH '"756.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"756.9" ICD9-HASH-TABLE)
      "Other and unspecified anomalies of musculoskeletal system")
(SETF (GETHASH '"757" ICD9-HASH-TABLE)
      "Congenital anomalies of the integument")
(SETF (GETHASH '"757.0" ICD9-HASH-TABLE) "Hereditary edema of legs")
(SETF (GETHASH '"757.1" ICD9-HASH-TABLE) "Ichthyosis congenita")
(SETF (GETHASH '"757.2" ICD9-HASH-TABLE) "Dermatoglyphic anomalies")
(SETF (GETHASH '"757.3" ICD9-HASH-TABLE)
      "Other specified anomalies of skin")
(SETF (GETHASH '"757.31" ICD9-HASH-TABLE)
      "Congenital ectodermal dysplasia")
(SETF (GETHASH '"757.32" ICD9-HASH-TABLE) "Vascular hamartomas")
(SETF (GETHASH '"757.33" ICD9-HASH-TABLE)
      "Congenital pigmentary anomalies of skin")
(SETF (GETHASH '"757.39" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"757.4" ICD9-HASH-TABLE) "Specified anomalies of hair")
(SETF (GETHASH '"757.5" ICD9-HASH-TABLE) "Specified anomalies of nails")
(SETF (GETHASH '"757.6" ICD9-HASH-TABLE) "Specified anomalies of breast")
(SETF (GETHASH '"757.8" ICD9-HASH-TABLE)
      "Other specified anomalies of the integument")
(SETF (GETHASH '"757.9" ICD9-HASH-TABLE)
      "Unspecified anomaly of the integument")
(SETF (GETHASH '"758" ICD9-HASH-TABLE) "Chromosomal anomalies")
(SETF (GETHASH '"758.0" ICD9-HASH-TABLE) "Down's syndrome")
(SETF (GETHASH '"758.1" ICD9-HASH-TABLE) "Patau's syndrome")
(SETF (GETHASH '"758.2" ICD9-HASH-TABLE) "Edward's syndrome")
(SETF (GETHASH '"758.3" ICD9-HASH-TABLE) "Autosomal deletion syndromes")
(SETF (GETHASH '"758.4" ICD9-HASH-TABLE)
      "Balanced autosomal translocation in normal individual")
(SETF (GETHASH '"758.5" ICD9-HASH-TABLE)
      "Other conditions due to autosomal anomalies")
(SETF (GETHASH '"758.6" ICD9-HASH-TABLE) "Gonadal dysgenesis")
(SETF (GETHASH '"758.7" ICD9-HASH-TABLE) "Klinefelter's syndrome")
(SETF (GETHASH '"758.8" ICD9-HASH-TABLE)
      "Other conditions due to chromosome anomalies")
(SETF (GETHASH '"758.81" ICD9-HASH-TABLE)
      "Other conditions due to sex chromosome anomalies")
(SETF (GETHASH '"758.89" ICD9-HASH-TABLE) "Other")
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(SETF (GETHASH '"758.9" ICD9-HASH-TABLE)
      "Conditions due to anomaly of unspecified chromosome")
(SETF (GETHASH '"759" ICD9-HASH-TABLE)
      "Other and unspecified congenital anomalies")
(SETF (GETHASH '"759.0" ICD9-HASH-TABLE) "Anomalies of spleen")
(SETF (GETHASH '"759.1" ICD9-HASH-TABLE) "Anomalies of adrenal gland")
(SETF (GETHASH '"759.2" ICD9-HASH-TABLE)
      "Anomalies of other endocrine glands")
(SETF (GETHASH '"759.3" ICD9-HASH-TABLE) "Situs inversus")
(SETF (GETHASH '"759.4" ICD9-HASH-TABLE) "Conjoined twins")
(SETF (GETHASH '"759.5" ICD9-HASH-TABLE) "Tuberous sclerosis")
(SETF (GETHASH '"759.6" ICD9-HASH-TABLE) "Other hamartoses, NEC")
(SETF (GETHASH '"759.7" ICD9-HASH-TABLE)
      "Multiple congenital anomalies, so described")
(SETF (GETHASH '"759.8" ICD9-HASH-TABLE) "Other specified anomalies")
(SETF (GETHASH '"759.81" ICD9-HASH-TABLE) "Prader-Willi syndrome")
(SETF (GETHASH '"759.82" ICD9-HASH-TABLE) "Marfan syndrome")
(SETF (GETHASH '"759.83" ICD9-HASH-TABLE) "Fragile X syndrome")
(SETF (GETHASH '"759.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"759.9" ICD9-HASH-TABLE)
      "Congenital anomaly, unspecified")
(SETF (GETHASH '"760" ICD9-HASH-TABLE)
      "Fetus or newborn affected by material conditions which may be unrelated to present pregnancy")
(SETF (GETHASH '"760.0" ICD9-HASH-TABLE)
      "Maternal hypertensive disorders")
(SETF (GETHASH '"760.1" ICD9-HASH-TABLE)
      "Maternal renal and urinary tract diseases")
(SETF (GETHASH '"760.2" ICD9-HASH-TABLE) "Maternal infections")
(SETF (GETHASH '"760.3" ICD9-HASH-TABLE)
      "Other chronic maternal circulatory and respiratory diseases")
(SETF (GETHASH '"760.4" ICD9-HASH-TABLE)
      "Maternal nutritional disorders")
(SETF (GETHASH '"760.5" ICD9-HASH-TABLE) "Maternal injury")
(SETF (GETHASH '"760.6" ICD9-HASH-TABLE) "Surgical operation on mother")
(SETF (GETHASH '"760.7" ICD9-HASH-TABLE)
      "Noxious influences affecting fetus via placenta or breast milk")
(SETF (GETHASH '"760.70" ICD9-HASH-TABLE)
      "Unspecified noxious substance")
(SETF (GETHASH '"760.71" ICD9-HASH-TABLE) "Alcohol")
(SETF (GETHASH '"760.72" ICD9-HASH-TABLE) "Narcotics")
(SETF (GETHASH '"760.73" ICD9-HASH-TABLE) "Hallucinogenic agents")
(SETF (GETHASH '"760.74" ICD9-HASH-TABLE) "Anti-infectives")
(SETF (GETHASH '"760.75" ICD9-HASH-TABLE) "Cocaine")
(SETF (GETHASH '"760.76" ICD9-HASH-TABLE) "Diethylstilbestrol [DES]")
(SETF (GETHASH '"760.79" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"760.8" ICD9-HASH-TABLE)
      "Other specified maternal conditions affecting fetus or newborn")
(SETF (GETHASH '"760.9" ICD9-HASH-TABLE)
      "Unspecified maternal condition affecting fetus or newborn")
(SETF (GETHASH '"761" ICD9-HASH-TABLE)
      "Fetus or newborn affected by maternal complications of pregnancy")
(SETF (GETHASH '"761.0" ICD9-HASH-TABLE) "Incompetent cervix")
(SETF (GETHASH '"761.1" ICD9-HASH-TABLE)
      "Premature rupture of membranes")
(SETF (GETHASH '"761.2" ICD9-HASH-TABLE) "Oligohydramnios")
(SETF (GETHASH '"761.3" ICD9-HASH-TABLE) "Polyhydramnios")
(SETF (GETHASH '"761.4" ICD9-HASH-TABLE) "Ectopic pregnancy")
(SETF (GETHASH '"761.5" ICD9-HASH-TABLE) "Multiple pregnancy")
(SETF (GETHASH '"761.6" ICD9-HASH-TABLE) "Maternal death")
(SETF (GETHASH '"761.7" ICD9-HASH-TABLE) "Malpresentation before labor")
(SETF (GETHASH '"761.8" ICD9-HASH-TABLE)
      "Other specified maternal complications of pregnancy affecting fetus or newborn")
(SETF (GETHASH '"761.9" ICD9-HASH-TABLE)
      "Unspecified maternal complication of pregnancy affecting fetus or newborn")
(SETF (GETHASH '"762" ICD9-HASH-TABLE)
      "Fetus or newborn affected by complications of placenta, cord, and membranes")
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(SETF (GETHASH '"762.0" ICD9-HASH-TABLE) "Placenta previa")
(SETF (GETHASH '"762.1" ICD9-HASH-TABLE)
      "Other forms of placental separation and hemorrhage")
(SETF (GETHASH '"762.2" ICD9-HASH-TABLE)
      "Other and unspecified morphological and functional abnormalities of placenta")
(SETF (GETHASH '"762.3" ICD9-HASH-TABLE)
      "Placental transfusion syndromes")
(SETF (GETHASH '"762.4" ICD9-HASH-TABLE) "Prolapsed cord")
(SETF (GETHASH '"762.5" ICD9-HASH-TABLE)
      "Other compression of umbilical cord")
(SETF (GETHASH '"762.6" ICD9-HASH-TABLE)
      "Other and unspecified conditions of umbilical cord")
(SETF (GETHASH '"762.7" ICD9-HASH-TABLE) "Chorioamnionitis")
(SETF (GETHASH '"762.8" ICD9-HASH-TABLE)
      "Other specified abnormalities of chorion and amnion")
(SETF (GETHASH '"762.9" ICD9-HASH-TABLE)
      "Unspecified abnormality of chorion and amnion")
(SETF (GETHASH '"763" ICD9-HASH-TABLE)
      "Fetus or newborn affected by other complications of labor and delivery")
(SETF (GETHASH '"763.0" ICD9-HASH-TABLE)
      "Breech delivery and extraction")
(SETF (GETHASH '"763.1" ICD9-HASH-TABLE)
      "Other malpresentation, malposition, and disproportion during labor and delivery")
(SETF (GETHASH '"763.2" ICD9-HASH-TABLE) "Forceps delivery")
(SETF (GETHASH '"763.3" ICD9-HASH-TABLE) "Delivery by vacuum extractor")
(SETF (GETHASH '"763.4" ICD9-HASH-TABLE) "Cesarean delivery")
(SETF (GETHASH '"763.5" ICD9-HASH-TABLE)
      "Maternal anesthesia and analgesia")
(SETF (GETHASH '"763.6" ICD9-HASH-TABLE) "Precipitate delivery")
(SETF (GETHASH '"763.7" ICD9-HASH-TABLE) "Abnormal uterine contractions")
(SETF (GETHASH '"763.8" ICD9-HASH-TABLE)
      "Other specified complications of labor and delivery affecting fetus or newborn")
(SETF (GETHASH '"763.9" ICD9-HASH-TABLE)
      "Unspecified complication of labor and delivery affecting fetus or newborn")
(SETF (GETHASH '"764" ICD9-HASH-TABLE)
      "Slow fetal growth and fetal malnutrition")
(SETF (GETHASH '"764.9" ICD9-HASH-TABLE)
      "Fetal growth retardation, unspecified")
(SETF (GETHASH '"765" ICD9-HASH-TABLE)
      "Disorders relating to short gestation and unspecified low birthweight")
(SETF (GETHASH '"765.0" ICD9-HASH-TABLE) "Extreme immaturity")
(SETF (GETHASH '"765.1" ICD9-HASH-TABLE) "Other preterm infants")
(SETF (GETHASH '"766" ICD9-HASH-TABLE)
      "Disorders relating to long gestation and high birthweight")
(SETF (GETHASH '"766.0" ICD9-HASH-TABLE) "Exceptionally large baby")
(SETF (GETHASH '"767" ICD9-HASH-TABLE) "Birth trauma")
(SETF (GETHASH '"767.0" ICD9-HASH-TABLE)
      "Subdural and cerebral hemorrhage")
(SETF (GETHASH '"767.1" ICD9-HASH-TABLE) "Injuries to scalp")
(SETF (GETHASH '"767.2" ICD9-HASH-TABLE) "Fracture of clavicle")
(SETF (GETHASH '"767.3" ICD9-HASH-TABLE) "Other injuries to skeleton")
(SETF (GETHASH '"767.4" ICD9-HASH-TABLE)
      "Injury to spine and spinal cord")
(SETF (GETHASH '"767.5" ICD9-HASH-TABLE) "Facial nerve injury")
(SETF (GETHASH '"767.6" ICD9-HASH-TABLE) "Injury to brachial plexus")
(SETF (GETHASH '"767.7" ICD9-HASH-TABLE)
      "Other cranial and peripheral nerve injuries")
(SETF (GETHASH '"767.8" ICD9-HASH-TABLE) "Other specified birth trauma")
(SETF (GETHASH '"767.9" ICD9-HASH-TABLE) "Birth trauma, unspecified")
(SETF (GETHASH '"768" ICD9-HASH-TABLE)
      "Intrauterine hypoxia and birth asphyxia")
(SETF (GETHASH '"768.0" ICD9-HASH-TABLE)
      "Fetal death from asphyxia or anoxia before onset of labor or at unspecified time")
(SETF (GETHASH '"768.1" ICD9-HASH-TABLE)
      "Fetal death from asphyxia or anoxia during labor")
(SETF (GETHASH '"768.2" ICD9-HASH-TABLE)
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      "Fetal distress before onset of labor, in liveborn infant")
(SETF (GETHASH '"768.3" ICD9-HASH-TABLE)
      "Fetal distress first noted during labor, in liveborn infant")
(SETF (GETHASH '"768.4" ICD9-HASH-TABLE)
      "Fetal distress, unspecified as to time of onset, in liveborn infant")
(SETF (GETHASH '"768.5" ICD9-HASH-TABLE) "Severe birth asphyxia")
(SETF (GETHASH '"768.6" ICD9-HASH-TABLE)
      "Mild or moderate birth asphyxia")
(SETF (GETHASH '"768.9" ICD9-HASH-TABLE)
      "Unspecified birth asphyxia in liveborn infant")
(SETF (GETHASH '"769" ICD9-HASH-TABLE) "Respiratory distress syndrome")
(SETF (GETHASH '"770" ICD9-HASH-TABLE)
      "Other respiratory conditions of fetus and newborn")
(SETF (GETHASH '"770.0" ICD9-HASH-TABLE) "Congenital pneumonia")
(SETF (GETHASH '"770.1" ICD9-HASH-TABLE) "Meconium aspiration syndrome")
(SETF (GETHASH '"770.2" ICD9-HASH-TABLE)
      "Interstitial emphysema and related conditions")
(SETF (GETHASH '"770.3" ICD9-HASH-TABLE) "Pulmonary hemorrhage")
(SETF (GETHASH '"770.4" ICD9-HASH-TABLE) "Primary atelectasis")
(SETF (GETHASH '"770.5" ICD9-HASH-TABLE)
      "Other and unspecified atelectasis")
(SETF (GETHASH '"770.6" ICD9-HASH-TABLE)
      "Transitory tachypnea of newborn")
(SETF (GETHASH '"770.7" ICD9-HASH-TABLE)
      "Chronic respiratory disease arising in the perinatal period")
(SETF (GETHASH '"770.8" ICD9-HASH-TABLE)
      "Other respiratory problems after birth")
(SETF (GETHASH '"770.9" ICD9-HASH-TABLE)
      "Unspecified respiratory condition of fetus and newborn")
(SETF (GETHASH '"771" ICD9-HASH-TABLE)
      "Infections specific to the perinatal period")
(SETF (GETHASH '"771.0" ICD9-HASH-TABLE) "Congenital rubella")
(SETF (GETHASH '"771.1" ICD9-HASH-TABLE)
      "Congenital cytomegalovirus infection")
(SETF (GETHASH '"771.2" ICD9-HASH-TABLE) "Other congenital infections")
(SETF (GETHASH '"771.3" ICD9-HASH-TABLE) "Tetanus neonatorum")
(SETF (GETHASH '"771.4" ICD9-HASH-TABLE) "Omphalitis of the newborn")
(SETF (GETHASH '"771.5" ICD9-HASH-TABLE) "Neonatal infective mastitis")
(SETF (GETHASH '"771.6" ICD9-HASH-TABLE)
      "Neonatal conjunctivitis and dacryocystitis")
(SETF (GETHASH '"771.7" ICD9-HASH-TABLE) "Neonatal Candida infection")
(SETF (GETHASH '"771.8" ICD9-HASH-TABLE)
      "Other infection specific to the perinatal period")
(SETF (GETHASH '"772" ICD9-HASH-TABLE) "Fetal and neonatal hemorrhage")
(SETF (GETHASH '"772.0" ICD9-HASH-TABLE) "Fetal blood loss")
(SETF (GETHASH '"772.1" ICD9-HASH-TABLE) "Intraventricular hemorrhage")
(SETF (GETHASH '"772.2" ICD9-HASH-TABLE) "Subarachnoid hemorrhage")
(SETF (GETHASH '"772.3" ICD9-HASH-TABLE)
      "Umbilical hemorrhage after birth")
(SETF (GETHASH '"772.4" ICD9-HASH-TABLE) "Gastrointestinal hemorrhage")
(SETF (GETHASH '"772.5" ICD9-HASH-TABLE) "Adrenal hemorrhage")
(SETF (GETHASH '"772.6" ICD9-HASH-TABLE) "Cutaneous hemorrhage")
(SETF (GETHASH '"772.8" ICD9-HASH-TABLE)
      "Other specified hemorrhage of fetus or newborn")
(SETF (GETHASH '"772.9" ICD9-HASH-TABLE)
      "Unspecified hemorrhage of newborn")
(SETF (GETHASH '"773" ICD9-HASH-TABLE)
      "Hemolytic disease of fetus or newborn, due to isoimmunization")
(SETF (GETHASH '"773.0" ICD9-HASH-TABLE)
      "Hemolytic disease due to Rh isoimmunization")
(SETF (GETHASH '"773.1" ICD9-HASH-TABLE)
      "Hemolytic disease due to ABO isoimmunization")
(SETF (GETHASH '"773.2" ICD9-HASH-TABLE)
      "Hemolytic disease due to other and unspecified isoimmunization")
(SETF (GETHASH '"773.3" ICD9-HASH-TABLE)
      "Hydrops fetalis due to isoimmunization")
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(SETF (GETHASH '"773.4" ICD9-HASH-TABLE)
      "Kernicterus due to isoimmunization")
(SETF (GETHASH '"773.5" ICD9-HASH-TABLE)
      "Late anemia due to isoimmunization")
(SETF (GETHASH '"774" ICD9-HASH-TABLE) "Other perinatal jaundice")
(SETF (GETHASH '"774.0" ICD9-HASH-TABLE)
      "Perinatal jaundice from hereditary hemolytic anemias")
(SETF (GETHASH '"774.1" ICD9-HASH-TABLE)
      "Perinatal jaundice from other excessive hemolysis")
(SETF (GETHASH '"774.2" ICD9-HASH-TABLE)
      "Neonatal jaundice associated with preterm delivery")
(SETF (GETHASH '"774.3" ICD9-HASH-TABLE)
      "Neonatal jaundice due to delayed conjugation from other causes")
(SETF (GETHASH '"774.30" ICD9-HASH-TABLE)
      "Neonatal jaundice due to delayed conjugation, cause unspecified")
(SETF (GETHASH '"774.31" ICD9-HASH-TABLE)
      "Neonatal jaundice due to delayed conjugation in diseases classified elsewhere")
(SETF (GETHASH '"774.39" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"774.4" ICD9-HASH-TABLE)
      "Perinatal jaundice due to hepatocellular damage")
(SETF (GETHASH '"774.5" ICD9-HASH-TABLE)
      "Perinatal jaundice from other causes")
(SETF (GETHASH '"774.6" ICD9-HASH-TABLE)
      "Unspecified fetal and neonatal jaundice")
(SETF (GETHASH '"774.7" ICD9-HASH-TABLE)
      "Kernicterus not due to isoimmunization")
(SETF (GETHASH '"775" ICD9-HASH-TABLE)
      "Endocrine and metabolic disturbances specific to the fetus and newborn")
(SETF (GETHASH '"775.1" ICD9-HASH-TABLE) "Neonatal diabetes mellitus")
(SETF (GETHASH '"775.2" ICD9-HASH-TABLE) "Neonatal myasthenia gravis")
(SETF (GETHASH '"775.3" ICD9-HASH-TABLE) "Neonatal thyrotoxicosis")
(SETF (GETHASH '"775.4" ICD9-HASH-TABLE)
      "Hypocalcemia and hypomagnesemia of newborn")
(SETF (GETHASH '"775.5" ICD9-HASH-TABLE)
      "Other transitory neonatal electrolyte disturbances")
(SETF (GETHASH '"775.6" ICD9-HASH-TABLE) "Neonatal hypoglycemia")
(SETF (GETHASH '"775.7" ICD9-HASH-TABLE)
      "Late metabolic acidosis of newborn")
(SETF (GETHASH '"775.8" ICD9-HASH-TABLE)
      "Other transitory neonatal endocrine and metabolic disturbances")
(SETF (GETHASH '"775.9" ICD9-HASH-TABLE)
      "Unspecified endocrine and metabolic disturbances specific to the fetus and newborn")
(SETF (GETHASH '"776" ICD9-HASH-TABLE)
      "Hematological disorders of fetus and newborn")
(SETF (GETHASH '"776.0" ICD9-HASH-TABLE)
      "Hemorrhagic disease of newborn")
(SETF (GETHASH '"776.1" ICD9-HASH-TABLE)
      "Transient neonatal thrombocytopenia")
(SETF (GETHASH '"776.2" ICD9-HASH-TABLE)
      "Disseminated intravascular coagulation in newborn")
(SETF (GETHASH '"776.3" ICD9-HASH-TABLE)
      "Other transient neonatal disorders of coagulation")
(SETF (GETHASH '"776.4" ICD9-HASH-TABLE) "Polycythemia neonatorum")
(SETF (GETHASH '"776.5" ICD9-HASH-TABLE) "Congenital anemia")
(SETF (GETHASH '"776.6" ICD9-HASH-TABLE) "Anemia of prematurity")
(SETF (GETHASH '"776.7" ICD9-HASH-TABLE)
      "Transient neonatal neutropenia")
(SETF (GETHASH '"776.8" ICD9-HASH-TABLE)
      "Other specified transient hematological disorders")
(SETF (GETHASH '"776.9" ICD9-HASH-TABLE)
      "Unspecified hematological disorder specific to fetus or newborn")
(SETF (GETHASH '"777" ICD9-HASH-TABLE)
      "Perinatal disorders of digestive system")
(SETF (GETHASH '"777.1" ICD9-HASH-TABLE) "Meconium obstruction")
(SETF (GETHASH '"777.2" ICD9-HASH-TABLE)
      "Intestinal obstruction due to inspissated milk")
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(SETF (GETHASH '"777.3" ICD9-HASH-TABLE)
      "Hematemesis and melena due to swallowed maternal blood")
(SETF (GETHASH '"777.4" ICD9-HASH-TABLE) "Transitory ileus of newborn")
(SETF (GETHASH '"777.5" ICD9-HASH-TABLE)
      "Necrotizing enterocolitis in fetus or newborn")
(SETF (GETHASH '"777.6" ICD9-HASH-TABLE)
      "Perinatal intestinal perforation")
(SETF (GETHASH '"777.8" ICD9-HASH-TABLE)
      "Other specified perinatal disorders of digestive system")
(SETF (GETHASH '"777.9" ICD9-HASH-TABLE)
      "Unspecified perinatal disorder of digestive system")
(SETF (GETHASH '"778" ICD9-HASH-TABLE)
      "Conditions involving the integument and temperature regulation of fetus and newborn")
(SETF (GETHASH '"778.0" ICD9-HASH-TABLE)
      "Hydrops fetalis not due to isoimmunization")
(SETF (GETHASH '"778.1" ICD9-HASH-TABLE) "Sclerema neonatorum")
(SETF (GETHASH '"778.2" ICD9-HASH-TABLE)
      "Cold injury syndrome of newborn")
(SETF (GETHASH '"778.3" ICD9-HASH-TABLE) "Other hypothermia of newborn")
(SETF (GETHASH '"778.4" ICD9-HASH-TABLE)
      "Other disturbances of temperature regulation of newborn")
(SETF (GETHASH '"778.5" ICD9-HASH-TABLE)
      "Other and unspecified edema of newborn")
(SETF (GETHASH '"778.6" ICD9-HASH-TABLE) "Congenital hydrocele")
(SETF (GETHASH '"778.7" ICD9-HASH-TABLE) "Breast engorgement in newborn")
(SETF (GETHASH '"778.9" ICD9-HASH-TABLE)
      "Unspecified condition involving the integument and temperature regulation of fetus and newborn")
(SETF (GETHASH '"779" ICD9-HASH-TABLE)
      "Other and ill-defined conditions originating in the perinatal period")
(SETF (GETHASH '"779.0" ICD9-HASH-TABLE) "Convulsions in newborn")
(SETF (GETHASH '"779.1" ICD9-HASH-TABLE)
      "Other and unspecified cerebral irritability in newborn")
(SETF (GETHASH '"779.2" ICD9-HASH-TABLE)
      "Cerebral depression, coma, and other abnormal cerebral signs")
(SETF (GETHASH '"779.3" ICD9-HASH-TABLE) "Feeding problems in newborn")
(SETF (GETHASH '"779.4" ICD9-HASH-TABLE)
      "Drug reactions and intoxications specific to newborn")
(SETF (GETHASH '"779.5" ICD9-HASH-TABLE)
      "Drug withdrawal syndrome in newborn")
(SETF (GETHASH '"779.6" ICD9-HASH-TABLE)
      "Termination of pregnancy (fetus)")
(SETF (GETHASH '"779.8" ICD9-HASH-TABLE)
      "Other specified conditions originating in the perinatal period")
(SETF (GETHASH '"779.9" ICD9-HASH-TABLE)
      "Unspecified condition originating in the perinatal period")
(SETF (GETHASH '"780" ICD9-HASH-TABLE) "General symptoms")
(SETF (GETHASH '"780.0" ICD9-HASH-TABLE) "Alteration of consciousness")
(SETF (GETHASH '"780.01" ICD9-HASH-TABLE) "Coma")
(SETF (GETHASH '"780.02" ICD9-HASH-TABLE)
      "Transient alteration of awareness")
(SETF (GETHASH '"780.03" ICD9-HASH-TABLE) "Persistent vegetative state")
(SETF (GETHASH '"780.09" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"780.1" ICD9-HASH-TABLE) "Hallucinations")
(SETF (GETHASH '"780.2" ICD9-HASH-TABLE) "Syncope and collapse")
(SETF (GETHASH '"780.3" ICD9-HASH-TABLE) "Convulsions")
(SETF (GETHASH '"780.31" ICD9-HASH-TABLE) "Febrile convulsions")
(SETF (GETHASH '"780.39" ICD9-HASH-TABLE) "Other convulsions")
(SETF (GETHASH '"780.4" ICD9-HASH-TABLE) "Dizziness and giddiness")
(SETF (GETHASH '"780.5" ICD9-HASH-TABLE) "Sleep disturbances")
(SETF (GETHASH '"780.50" ICD9-HASH-TABLE)
      "Sleep disturbance, unspecified")
(SETF (GETHASH '"780.51" ICD9-HASH-TABLE) "Insomnia with sleep apnea")
(SETF (GETHASH '"780.52" ICD9-HASH-TABLE) "Other insomnia")
(SETF (GETHASH '"780.53" ICD9-HASH-TABLE) "Hypersomnia with sleep apnea")
(SETF (GETHASH '"780.54" ICD9-HASH-TABLE) "Other hypersomnia")
(SETF (GETHASH '"780.55" ICD9-HASH-TABLE)
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      "Disruptions of 24-hour sleep-wake cycle")
(SETF (GETHASH '"780.56" ICD9-HASH-TABLE)
      "Dysfunctions associated with sleep stages or arousal from sleep")
(SETF (GETHASH '"780.57" ICD9-HASH-TABLE)
      "Other and unspecified sleep apnea")
(SETF (GETHASH '"780.59" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"780.6" ICD9-HASH-TABLE) "Fever")
(SETF (GETHASH '"780.7" ICD9-HASH-TABLE) "Malaise and fatigue")
(SETF (GETHASH '"780.8" ICD9-HASH-TABLE) "Hyperhidrosis")
(SETF (GETHASH '"780.9" ICD9-HASH-TABLE) "Other general symptoms")
(SETF (GETHASH '"781" ICD9-HASH-TABLE)
      "Symptoms involving nervous and musculoskeletal systems")
(SETF (GETHASH '"781.0" ICD9-HASH-TABLE)
      "Abnormal involuntary movements")
(SETF (GETHASH '"781.1" ICD9-HASH-TABLE)
      "Disturbances of sensation of smell and taste")
(SETF (GETHASH '"781.2" ICD9-HASH-TABLE) "Abnormality of gait")
(SETF (GETHASH '"781.3" ICD9-HASH-TABLE) "Lack of coordination")
(SETF (GETHASH '"781.4" ICD9-HASH-TABLE) "Transient paralysis of limb")
(SETF (GETHASH '"781.5" ICD9-HASH-TABLE) "Clubbing of fingers")
(SETF (GETHASH '"781.6" ICD9-HASH-TABLE) "Meningismus")
(SETF (GETHASH '"781.7" ICD9-HASH-TABLE) "Tetany")
(SETF (GETHASH '"781.8" ICD9-HASH-TABLE) "Neurologic neglect syndrone")
(SETF (GETHASH '"781.9" ICD9-HASH-TABLE)
      "Other symptoms involving nervous and musculoskeletal systems")
(SETF (GETHASH '"782" ICD9-HASH-TABLE)
      "Symptoms involving skin and other integumentary tissue")
(SETF (GETHASH '"782.0" ICD9-HASH-TABLE) "Disturbance of skin sensation")
(SETF (GETHASH '"782.1" ICD9-HASH-TABLE)
      "Rash and other nonspecific skin eruption")
(SETF (GETHASH '"782.2" ICD9-HASH-TABLE)
      "Localized superficial swelling, mass, or lump")
(SETF (GETHASH '"782.3" ICD9-HASH-TABLE) "Edema")
(SETF (GETHASH '"782.4" ICD9-HASH-TABLE)
      "Jaundice, unspecified, not of newborn")
(SETF (GETHASH '"782.5" ICD9-HASH-TABLE) "Cyanosis")
(SETF (GETHASH '"782.6" ICD9-HASH-TABLE) "Pallor and flushing")
(SETF (GETHASH '"782.61" ICD9-HASH-TABLE) "Pallor")
(SETF (GETHASH '"782.62" ICD9-HASH-TABLE) "Flushing")
(SETF (GETHASH '"782.7" ICD9-HASH-TABLE) "Spontaneous ecchymoses")
(SETF (GETHASH '"782.8" ICD9-HASH-TABLE) "Changes in skin texture")
(SETF (GETHASH '"782.9" ICD9-HASH-TABLE)
      "Other symptoms involving skin and integumentary tissues")
(SETF (GETHASH '"783" ICD9-HASH-TABLE)
      "Symptoms concerning nutrition, metabolism, and development")
(SETF (GETHASH '"783.0" ICD9-HASH-TABLE) "Anorexia")
(SETF (GETHASH '"783.1" ICD9-HASH-TABLE) "Abnormal weight gain")
(SETF (GETHASH '"783.2" ICD9-HASH-TABLE) "Abnormal loss of weight")
(SETF (GETHASH '"783.3" ICD9-HASH-TABLE)
      "Feeding difficulties and mismanagement")
(SETF (GETHASH '"783.4" ICD9-HASH-TABLE)
      "Lack of expected normal physiological development")
(SETF (GETHASH '"783.5" ICD9-HASH-TABLE) "Polydipsia")
(SETF (GETHASH '"783.6" ICD9-HASH-TABLE) "Polyphagia")
(SETF (GETHASH '"783.9" ICD9-HASH-TABLE)
      "Other symptoms concerning nutrition, metabolism, and development")
(SETF (GETHASH '"784" ICD9-HASH-TABLE)
      "Symptoms involving head and neck")
(SETF (GETHASH '"784.0" ICD9-HASH-TABLE) "Headache")
(SETF (GETHASH '"784.1" ICD9-HASH-TABLE) "Throat pain")
(SETF (GETHASH '"784.2" ICD9-HASH-TABLE)
      "Swelling, mass, or lump in head and neck")
(SETF (GETHASH '"784.3" ICD9-HASH-TABLE) "Aphasia")
(SETF (GETHASH '"784.4" ICD9-HASH-TABLE) "Voice disturbance")
(SETF (GETHASH '"784.40" ICD9-HASH-TABLE)
      "Voice disturbance, unspecified")
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(SETF (GETHASH '"784.41" ICD9-HASH-TABLE) "Aphonia")
(SETF (GETHASH '"784.49" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"784.5" ICD9-HASH-TABLE) "Other speech disturbance")
(SETF (GETHASH '"784.6" ICD9-HASH-TABLE) "Other symbolic dysfunction")
(SETF (GETHASH '"784.60" ICD9-HASH-TABLE)
      "Symbolic dysfunction, unspecified")
(SETF (GETHASH '"784.61" ICD9-HASH-TABLE) "Alexia and dyslexia")
(SETF (GETHASH '"784.69" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"784.7" ICD9-HASH-TABLE) "Epistaxis")
(SETF (GETHASH '"784.8" ICD9-HASH-TABLE) "Hemorrhage from throat")
(SETF (GETHASH '"784.9" ICD9-HASH-TABLE)
      "Other symptoms involving head and neck")
(SETF (GETHASH '"785" ICD9-HASH-TABLE)
      "Symptoms involving cardiovascular system")
(SETF (GETHASH '"785.0" ICD9-HASH-TABLE) "Tachycardia, unspecified")
(SETF (GETHASH '"785.1" ICD9-HASH-TABLE) "Palpitations")
(SETF (GETHASH '"785.2" ICD9-HASH-TABLE) "Undiagnosed cardiac murmurs")
(SETF (GETHASH '"785.3" ICD9-HASH-TABLE) "Other abnormal heart sounds")
(SETF (GETHASH '"785.4" ICD9-HASH-TABLE) "Gangrene")
(SETF (GETHASH '"785.5" ICD9-HASH-TABLE)
      "Shock without mention of trauma")
(SETF (GETHASH '"785.50" ICD9-HASH-TABLE) "Shock, unspecified")
(SETF (GETHASH '"785.51" ICD9-HASH-TABLE) "Cardiogenic shock")
(SETF (GETHASH '"785.59" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"785.6" ICD9-HASH-TABLE) "Enlargement of lymph nodes")
(SETF (GETHASH '"785.9" ICD9-HASH-TABLE)
      "Other symptoms involving cardiovascular system")
(SETF (GETHASH '"786" ICD9-HASH-TABLE)
      "Symptoms involving respiratory system and other chest symptoms")
(SETF (GETHASH '"786.0" ICD9-HASH-TABLE)
      "Dyspnea and respiratory abnormalities")
(SETF (GETHASH '"786.00" ICD9-HASH-TABLE)
      "Respiratory abnormality, unspecified")
(SETF (GETHASH '"786.01" ICD9-HASH-TABLE) "Hyperventilation")
(SETF (GETHASH '"786.02" ICD9-HASH-TABLE) "Orthopnea")
(SETF (GETHASH '"786.09" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"786.1" ICD9-HASH-TABLE) "Stridor")
(SETF (GETHASH '"786.2" ICD9-HASH-TABLE) "Cough")
(SETF (GETHASH '"786.3" ICD9-HASH-TABLE) "Hemoptysis")
(SETF (GETHASH '"786.4" ICD9-HASH-TABLE) "Abnormal sputum")
(SETF (GETHASH '"786.5" ICD9-HASH-TABLE) "Chest pain")
(SETF (GETHASH '"786.50" ICD9-HASH-TABLE) "Chest pain, unspecified")
(SETF (GETHASH '"786.51" ICD9-HASH-TABLE) "Precordial pain")
(SETF (GETHASH '"786.52" ICD9-HASH-TABLE) "Painful respiration")
(SETF (GETHASH '"786.59" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"786.6" ICD9-HASH-TABLE)
      "Swelling, mass, or lump in chest")
(SETF (GETHASH '"786.7" ICD9-HASH-TABLE) "Abnormal chest sounds")
(SETF (GETHASH '"786.8" ICD9-HASH-TABLE) "Hiccough")
(SETF (GETHASH '"786.9" ICD9-HASH-TABLE)
      "Other symptoms involving respiratory system and chest")
(SETF (GETHASH '"787" ICD9-HASH-TABLE)
      "Symptoms involving digestive system")
(SETF (GETHASH '"787.01" ICD9-HASH-TABLE) "Nausea with vomiting")
(SETF (GETHASH '"787.02" ICD9-HASH-TABLE) "Nausea alone")
(SETF (GETHASH '"787.03" ICD9-HASH-TABLE) "Vomiting alone")
(SETF (GETHASH '"787.1" ICD9-HASH-TABLE) "Heartburn")
(SETF (GETHASH '"787.2" ICD9-HASH-TABLE) "Dysphagia")
(SETF (GETHASH '"787.3" ICD9-HASH-TABLE)
      "Flatulence, eructation, and gas pain")
(SETF (GETHASH '"787.4" ICD9-HASH-TABLE) "Visible peristalsis")
(SETF (GETHASH '"787.5" ICD9-HASH-TABLE) "Abnormal bowel sounds")
(SETF (GETHASH '"787.7" ICD9-HASH-TABLE) "Abnormal feces")
(SETF (GETHASH '"787.9" ICD9-HASH-TABLE)
      "Other symptoms involving digestive system")
(SETF (GETHASH '"787.91" ICD9-HASH-TABLE) "Diarrhea")
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(SETF (GETHASH '"787.99" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"788" ICD9-HASH-TABLE)
      "Symptoms involving urinary system")
(SETF (GETHASH '"788.0" ICD9-HASH-TABLE) "Renal colic")
(SETF (GETHASH '"788.1" ICD9-HASH-TABLE) "Dysuria")
(SETF (GETHASH '"788.2" ICD9-HASH-TABLE) "Retention of urine")
(SETF (GETHASH '"788.20" ICD9-HASH-TABLE)
      "Retention of urine, unspecified")
(SETF (GETHASH '"788.21" ICD9-HASH-TABLE) "Incomplete bladder emptying")
(SETF (GETHASH '"788.29" ICD9-HASH-TABLE)
      "Other specified retention of urine")
(SETF (GETHASH '"788.3" ICD9-HASH-TABLE) "Incontinence of urine")
(SETF (GETHASH '"788.30" ICD9-HASH-TABLE)
      "Urinary incontinence, unspecified")
(SETF (GETHASH '"788.31" ICD9-HASH-TABLE) "Urge incontinence")
(SETF (GETHASH '"788.32" ICD9-HASH-TABLE) "Stress incontinence, male")
(SETF (GETHASH '"788.33" ICD9-HASH-TABLE)
      "Mixed incontinence (female) (male)")
(SETF (GETHASH '"788.34" ICD9-HASH-TABLE)
      "Incontinence without sensory awareness")
(SETF (GETHASH '"788.35" ICD9-HASH-TABLE) "Post-void dribbling")
(SETF (GETHASH '"788.36" ICD9-HASH-TABLE) "Nocturnal enuresis")
(SETF (GETHASH '"788.37" ICD9-HASH-TABLE) "Continuous leakage")
(SETF (GETHASH '"788.39" ICD9-HASH-TABLE) "Other urinary incontinence")
(SETF (GETHASH '"788.4" ICD9-HASH-TABLE)
      "Frequency of urination and polyuria")
(SETF (GETHASH '"788.41" ICD9-HASH-TABLE) "Urinary frequency")
(SETF (GETHASH '"788.42" ICD9-HASH-TABLE) "Polyuria")
(SETF (GETHASH '"788.43" ICD9-HASH-TABLE) "Nocturia")
(SETF (GETHASH '"788.5" ICD9-HASH-TABLE) "Oliguria and anuria")
(SETF (GETHASH '"788.6" ICD9-HASH-TABLE)
      "Other abnormality of urination")
(SETF (GETHASH '"788.61" ICD9-HASH-TABLE) "Splitting of urinary stream")
(SETF (GETHASH '"788.62" ICD9-HASH-TABLE) "Slowing of urinary stream")
(SETF (GETHASH '"788.69" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"788.7" ICD9-HASH-TABLE) "Urethral discharge")
(SETF (GETHASH '"788.8" ICD9-HASH-TABLE) "Extravasation of urine")
(SETF (GETHASH '"788.9" ICD9-HASH-TABLE)
      "Other symptoms involving urinary system")
(SETF (GETHASH '"789" ICD9-HASH-TABLE)
      "Other symptoms involving abdomen and pelvis")
(SETF (GETHASH '"789.0" ICD9-HASH-TABLE) "Abdominal pain")
(SETF (GETHASH '"789.1" ICD9-HASH-TABLE) "Hepatomegaly")
(SETF (GETHASH '"789.2" ICD9-HASH-TABLE) "Splenomegaly")
(SETF (GETHASH '"789.3" ICD9-HASH-TABLE)
      "Abdominal or pelvic swelling, mass, or lump")
(SETF (GETHASH '"789.4" ICD9-HASH-TABLE) "Abdominal rigidity")
(SETF (GETHASH '"789.5" ICD9-HASH-TABLE) "Ascites")
(SETF (GETHASH '"789.6" ICD9-HASH-TABLE) "Abdominal tenderness")
(SETF (GETHASH '"789.9" ICD9-HASH-TABLE)
      "Other symptoms involving abdomen and pelvis")
(SETF (GETHASH '"790" ICD9-HASH-TABLE)
      "Nonspecific findings on examination of blood")
(SETF (GETHASH '"790.0" ICD9-HASH-TABLE)
      "Abnormality of red blood cells")
(SETF (GETHASH '"790.1" ICD9-HASH-TABLE) "Elevated sedimentation rate")
(SETF (GETHASH '"790.2" ICD9-HASH-TABLE)
      "Abnormal glucose tolerance test")
(SETF (GETHASH '"790.3" ICD9-HASH-TABLE)
      "Excessive blood level of alcohol")
(SETF (GETHASH '"790.4" ICD9-HASH-TABLE)
      "Nonspecific elevation oflevels of transaminase or lactic acid dehydrogenase [LDH]")
(SETF (GETHASH '"790.5" ICD9-HASH-TABLE)
      "Other nonspecific abnormalserum enzyme levels")
(SETF (GETHASH '"790.6" ICD9-HASH-TABLE)
      "Other abnormal blood chemistry")
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(SETF (GETHASH '"790.7" ICD9-HASH-TABLE) "Bacteremia")
(SETF (GETHASH '"790.8" ICD9-HASH-TABLE) "Viremia, unspecified")
(SETF (GETHASH '"790.9" ICD9-HASH-TABLE)
      "Other nonspecific findings on examination of blood")
(SETF (GETHASH '"790.91" ICD9-HASH-TABLE)
      "Abnormal arterial blood gases")
(SETF (GETHASH '"790.92" ICD9-HASH-TABLE) "Abnormal coagulation profile")
(SETF (GETHASH '"790.93" ICD9-HASH-TABLE)
      "Elevated prostate specific antigen [PSA]")
(SETF (GETHASH '"790.94" ICD9-HASH-TABLE) "Euthyroid sick syndrome")
(SETF (GETHASH '"790.99" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"791" ICD9-HASH-TABLE)
      "Nonspecific findings on examination of urine")
(SETF (GETHASH '"791.0" ICD9-HASH-TABLE) "Proteinuria")
(SETF (GETHASH '"791.1" ICD9-HASH-TABLE) "Chyluria")
(SETF (GETHASH '"791.2" ICD9-HASH-TABLE) "Hemoglobinuria")
(SETF (GETHASH '"791.3" ICD9-HASH-TABLE) "Myoglobinuria")
(SETF (GETHASH '"791.4" ICD9-HASH-TABLE) "Biliuria")
(SETF (GETHASH '"791.5" ICD9-HASH-TABLE) "Glycosuria")
(SETF (GETHASH '"791.6" ICD9-HASH-TABLE) "Acetonuria")
(SETF (GETHASH '"791.7" ICD9-HASH-TABLE) "Other cells andcasts in urine")
(SETF (GETHASH '"791.9" ICD9-HASH-TABLE)
      "Other nonspecific findings on examination of urine")
(SETF (GETHASH '"792" ICD9-HASH-TABLE)
      "Nonspecific abnormal findings in other body substances")
(SETF (GETHASH '"792.0" ICD9-HASH-TABLE) "Cerebrospinal fluid")
(SETF (GETHASH '"792.1" ICD9-HASH-TABLE) "Stool contents")
(SETF (GETHASH '"792.2" ICD9-HASH-TABLE) "Semen")
(SETF (GETHASH '"792.3" ICD9-HASH-TABLE) "Amniotic fluid")
(SETF (GETHASH '"792.4" ICD9-HASH-TABLE) "Saliva")
(SETF (GETHASH '"792.9" ICD9-HASH-TABLE)
      "Other nonspecific abnormal findings in body substances")
(SETF (GETHASH '"793" ICD9-HASH-TABLE)
      "Nonspecific abnormal findings on radiological and other examination of body structure")
(SETF (GETHASH '"793.0" ICD9-HASH-TABLE) "Skull and head")
(SETF (GETHASH '"793.1" ICD9-HASH-TABLE) "Lung field")
(SETF (GETHASH '"793.2" ICD9-HASH-TABLE) "Other intrathoracic organ")
(SETF (GETHASH '"793.3" ICD9-HASH-TABLE) "Biliary tract")
(SETF (GETHASH '"793.4" ICD9-HASH-TABLE) "Gastrointestinal tract")
(SETF (GETHASH '"793.5" ICD9-HASH-TABLE) "Genitourinary organs")
(SETF (GETHASH '"793.6" ICD9-HASH-TABLE)
      "Abdominal area, including retroperitoneum")
(SETF (GETHASH '"793.7" ICD9-HASH-TABLE) "Musculoskeletal system")
(SETF (GETHASH '"793.8" ICD9-HASH-TABLE) "Breast")
(SETF (GETHASH '"793.9" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"794" ICD9-HASH-TABLE)
      "Nonspecific abnormal results of function studies")
(SETF (GETHASH '"794.0" ICD9-HASH-TABLE)
      "Brain and central nervous system")
(SETF (GETHASH '"794.00" ICD9-HASH-TABLE)
      "Abnormal function study, unspecified")
(SETF (GETHASH '"794.01" ICD9-HASH-TABLE) "Abnormal echoencephalogram")
(SETF (GETHASH '"794.02" ICD9-HASH-TABLE)
      "Abnormal electroencephalogram [EEG]")
(SETF (GETHASH '"794.09" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"794.1" ICD9-HASH-TABLE)
      "Peripheral nervous system and special senses")
(SETF (GETHASH '"794.10" ICD9-HASH-TABLE)
      "Abnormal response to nerve stimulation, unspecified")
(SETF (GETHASH '"794.11" ICD9-HASH-TABLE)
      "Abnormal retinal function studies")
(SETF (GETHASH '"794.12" ICD9-HASH-TABLE)
      "Abnormal electro-oculogram [EOG]")
(SETF (GETHASH '"794.13" ICD9-HASH-TABLE)
      "Abnormal visually evoked potential")
(SETF (GETHASH '"794.14" ICD9-HASH-TABLE) "Abnormal oculomotor studies")
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(SETF (GETHASH '"794.15" ICD9-HASH-TABLE)
      "Abnormal auditory function studies")
(SETF (GETHASH '"794.16" ICD9-HASH-TABLE)
      "Abnormal vestibular function studies")
(SETF (GETHASH '"794.17" ICD9-HASH-TABLE)
      "Abnormal electromyogram [EMG]")
(SETF (GETHASH '"794.19" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"794.2" ICD9-HASH-TABLE) "Pulmonary")
(SETF (GETHASH '"794.3" ICD9-HASH-TABLE) "Cardiovascular")
(SETF (GETHASH '"794.30" ICD9-HASH-TABLE)
      "Abnormal function study, unspecified")
(SETF (GETHASH '"794.31" ICD9-HASH-TABLE)
      "Abnormal electrocardiogram [ECG] [EKG]")
(SETF (GETHASH '"794.39" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"794.4" ICD9-HASH-TABLE) "Kidney")
(SETF (GETHASH '"794.5" ICD9-HASH-TABLE) "Thyroid")
(SETF (GETHASH '"794.6" ICD9-HASH-TABLE)
      "Other endocrine function study")
(SETF (GETHASH '"794.7" ICD9-HASH-TABLE) "Basal metabolism")
(SETF (GETHASH '"794.8" ICD9-HASH-TABLE) "Liver")
(SETF (GETHASH '"794.9" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"795" ICD9-HASH-TABLE)
      "Nonspecific abnormal histological and immunological findings")
(SETF (GETHASH '"795.0" ICD9-HASH-TABLE)
      "Nonspecific abnormal Papanicolaou smear of cervix")
(SETF (GETHASH '"795.1" ICD9-HASH-TABLE)
      "Nonspecific abnormal Papanicolaou smear of other site")
(SETF (GETHASH '"795.2" ICD9-HASH-TABLE)
      "Nonspecific abnormal findings on chromosomal analysis")
(SETF (GETHASH '"795.3" ICD9-HASH-TABLE)
      "Nonspecific positive culture findings")
(SETF (GETHASH '"795.4" ICD9-HASH-TABLE)
      "Other nonspecific abnormal histological findings")
(SETF (GETHASH '"795.5" ICD9-HASH-TABLE)
      "Nonspecific reaction to tuberculin skin test without active tuberculosis")
(SETF (GETHASH '"795.6" ICD9-HASH-TABLE)
      "False positive serological test for syphilis")
(SETF (GETHASH '"795.7" ICD9-HASH-TABLE)
      "Other nonspecific immunological findings")
(SETF (GETHASH '"795.71" ICD9-HASH-TABLE)
      "Nonspecific serologic evidence of human immunodeficiency virus [HIV]")
(SETF (GETHASH '"795.79" ICD9-HASH-TABLE)
      "Other and unspecified nonspecific immunological findings")
(SETF (GETHASH '"796" ICD9-HASH-TABLE)
      "Other nonspecific abnormal findings")
(SETF (GETHASH '"796.0" ICD9-HASH-TABLE)
      "Nonspecific abnormal toxicological findings")
(SETF (GETHASH '"796.1" ICD9-HASH-TABLE) "Abnormal reflex")
(SETF (GETHASH '"796.2" ICD9-HASH-TABLE)
      "Elevated blood pressure reading without diagnosis of hypertension")
(SETF (GETHASH '"796.3" ICD9-HASH-TABLE)
      "Nonspecific low blood pressure reading")
(SETF (GETHASH '"796.4" ICD9-HASH-TABLE)
      "Other abnormal clinical findings")
(SETF (GETHASH '"796.5" ICD9-HASH-TABLE)
      "Abnormal finding on antenatal screening")
(SETF (GETHASH '"796.9" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"797" ICD9-HASH-TABLE)
      "Senility without mention of psychosis")
(SETF (GETHASH '"798" ICD9-HASH-TABLE) "Sudden death, cause unknown")
(SETF (GETHASH '"798.0" ICD9-HASH-TABLE) "Sudden infant death syndrome")
(SETF (GETHASH '"798.1" ICD9-HASH-TABLE) "Instantaneous death")
(SETF (GETHASH '"798.2" ICD9-HASH-TABLE)
      "Death occurring in less than 24 hours from onset of symptoms, not otherwise explained")
(SETF (GETHASH '"798.9" ICD9-HASH-TABLE) "Unattended death")
(SETF (GETHASH '"799" ICD9-HASH-TABLE)
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      "Other ill-defined and unknown causes of morbidity and mortality")
(SETF (GETHASH '"799.0" ICD9-HASH-TABLE) "Asphyxia")
(SETF (GETHASH '"799.1" ICD9-HASH-TABLE) "Respiratory arrest")
(SETF (GETHASH '"799.2" ICD9-HASH-TABLE) "Nervousness")
(SETF (GETHASH '"799.3" ICD9-HASH-TABLE) "Debility, unspecified")
(SETF (GETHASH '"799.4" ICD9-HASH-TABLE) "Cachexia")
(SETF (GETHASH '"799.8" ICD9-HASH-TABLE) "Other ill-defined conditions")
(SETF (GETHASH '"799.9" ICD9-HASH-TABLE)
      "Other unknown and unspecified cause")
(SETF (GETHASH '"FRACTURE OF SKULL (800-804)" ICD9-HASH-TABLE) "")
(SETF (GETHASH '"800" ICD9-HASH-TABLE) "Fracture of vault of skull")
(SETF (GETHASH '"800.0" ICD9-HASH-TABLE)
      "Closed without mention of intracranial injury")
(SETF (GETHASH '"800.1" ICD9-HASH-TABLE)
      "Closed with cerebral laceration and contusion")
(SETF (GETHASH '"800.2" ICD9-HASH-TABLE)
      "Closed wtih subarachnoid, subdural, and extradural hemorrhage")
(SETF (GETHASH '"800.3" ICD9-HASH-TABLE)
      "Closed with other and unspecified intracranial hemorrhage")
(SETF (GETHASH '"800.4" ICD9-HASH-TABLE)
      "Closed with intracranialinjury of other and unspecified nature")
(SETF (GETHASH '"800.5" ICD9-HASH-TABLE)
      "Open without mention of intracranial injury")
(SETF (GETHASH '"800.6" ICD9-HASH-TABLE)
      "Open with cerebral laceration and contusion")
(SETF (GETHASH '"800.7" ICD9-HASH-TABLE)
      "Open with subarachnoid, subdural, and extradural hemorrhage")
(SETF (GETHASH '"800.8" ICD9-HASH-TABLE)
      "Open with other and unspecified intracranial hemorrhage")
(SETF (GETHASH '"800.9" ICD9-HASH-TABLE)
      "Open with intracranial injury of other and unspecified nature")
(SETF (GETHASH '"801" ICD9-HASH-TABLE) "Fracture of base of skull")
(SETF (GETHASH '"801.0" ICD9-HASH-TABLE)
      "Closed without mention of intracranial injury")
(SETF (GETHASH '"801.1" ICD9-HASH-TABLE)
      "Closed with cerebral laceration and contusion")
(SETF (GETHASH '"801.2" ICD9-HASH-TABLE)
      "Closed with subarachnoid, subdural, and extradural hemorrhage")
(SETF (GETHASH '"801.3" ICD9-HASH-TABLE)
      "Closed with other and unspecified intracranial hemorrhage")
(SETF (GETHASH '"801.4" ICD9-HASH-TABLE)
      "Closed with intracranial injury of other and unspecified nature")
(SETF (GETHASH '"801.5" ICD9-HASH-TABLE)
      "Open without mention of intracranial injury")
(SETF (GETHASH '"801.6" ICD9-HASH-TABLE)
      "Open with cerebral laceration and contusion")
(SETF (GETHASH '"801.7" ICD9-HASH-TABLE)
      "Open with subarachnoid, subdural, and extradural hemorrhage")
(SETF (GETHASH '"801.8" ICD9-HASH-TABLE)
      "Open with other and unspecified intracranial hemorrhage")
(SETF (GETHASH '"801.9" ICD9-HASH-TABLE)
      "Open with intracranial injury of other and unspecified nature")
(SETF (GETHASH '"802" ICD9-HASH-TABLE) "Fracture of face bones")
(SETF (GETHASH '"802.0" ICD9-HASH-TABLE) "Nasal bones, closed")
(SETF (GETHASH '"802.1" ICD9-HASH-TABLE) "Nasal bones, open")
(SETF (GETHASH '"802.2" ICD9-HASH-TABLE) "Mandible, closed")
(SETF (GETHASH '"802.20" ICD9-HASH-TABLE) "Unspecified site")
(SETF (GETHASH '"802.21" ICD9-HASH-TABLE) "Condylar process")
(SETF (GETHASH '"802.22" ICD9-HASH-TABLE) "Subcondylar")
(SETF (GETHASH '"802.23" ICD9-HASH-TABLE) "Coronoid process")
(SETF (GETHASH '"802.24" ICD9-HASH-TABLE) "Ramus, unspecified")
(SETF (GETHASH '"802.25" ICD9-HASH-TABLE) "Angle of jaw")
(SETF (GETHASH '"802.26" ICD9-HASH-TABLE) "Symphysis of body")
(SETF (GETHASH '"802.27" ICD9-HASH-TABLE) "Alveolar border of body")
(SETF (GETHASH '"802.28" ICD9-HASH-TABLE) "Body, other and unspecified")
(SETF (GETHASH '"802.29" ICD9-HASH-TABLE) "Multiple sites")
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(SETF (GETHASH '"802.3" ICD9-HASH-TABLE) "Mandible, open")
(SETF (GETHASH '"802.30" ICD9-HASH-TABLE) "Unspecified site")
(SETF (GETHASH '"802.31" ICD9-HASH-TABLE) "Condylar process")
(SETF (GETHASH '"802.32" ICD9-HASH-TABLE) "Subcondylar")
(SETF (GETHASH '"802.33" ICD9-HASH-TABLE) "Coronoid process")
(SETF (GETHASH '"802.34" ICD9-HASH-TABLE) "Ramus, unspecified")
(SETF (GETHASH '"802.35" ICD9-HASH-TABLE) "Angle of jaw")
(SETF (GETHASH '"802.36" ICD9-HASH-TABLE) "Symphysis of body")
(SETF (GETHASH '"802.37" ICD9-HASH-TABLE) "Alveolar border of body")
(SETF (GETHASH '"802.38" ICD9-HASH-TABLE) "Body, other and unspecified")
(SETF (GETHASH '"802.39" ICD9-HASH-TABLE) "Multiple sites")
(SETF (GETHASH '"802.4" ICD9-HASH-TABLE)
      "Malar and maxillary bones, closed")
(SETF (GETHASH '"802.5" ICD9-HASH-TABLE)
      "Malar and maxillary bones, open")
(SETF (GETHASH '"802.6" ICD9-HASH-TABLE)
      "Orbital floor (blow-out), closed")
(SETF (GETHASH '"802.7" ICD9-HASH-TABLE)
      "Orbital floor (blow-out), open")
(SETF (GETHASH '"802.8" ICD9-HASH-TABLE) "Other facial bones, closed")
(SETF (GETHASH '"802.9" ICD9-HASH-TABLE) "Other facial bones, open")
(SETF (GETHASH '"803" ICD9-HASH-TABLE)
      "Other and unqualified skull fractures")
(SETF (GETHASH '"803.0" ICD9-HASH-TABLE)
      "Closed without mention of intracranial injury")
(SETF (GETHASH '"803.1" ICD9-HASH-TABLE)
      "Closed with cerebral laceration and contusion")
(SETF (GETHASH '"803.2" ICD9-HASH-TABLE)
      "Closed with subarachnoid, subdural, and extradural hemorrhage")
(SETF (GETHASH '"803.3" ICD9-HASH-TABLE)
      "Closed with other and unspecified intracranial hemorrhage")
(SETF (GETHASH '"803.4" ICD9-HASH-TABLE)
      "Closed with intracranial injury of other and unspecified nature")
(SETF (GETHASH '"803.5" ICD9-HASH-TABLE)
      "Open without mention of intracranial injury")
(SETF (GETHASH '"803.6" ICD9-HASH-TABLE)
      "Open with cerebral laceration and contusion")
(SETF (GETHASH '"803.7" ICD9-HASH-TABLE)
      "Open with subarachnoid, subdural, and extradural hemorrhage")
(SETF (GETHASH '"803.8" ICD9-HASH-TABLE)
      "Open with other and unspecified intracranial hemorrhage")
(SETF (GETHASH '"803.9" ICD9-HASH-TABLE)
      "Open with intracranial injury of other and unspecified nature")
(SETF (GETHASH '"804" ICD9-HASH-TABLE)
      "Multiple fractures involving skull or face with other bones")
(SETF (GETHASH '"804.0" ICD9-HASH-TABLE)
      "Closed without mention of intracranial injury")
(SETF (GETHASH '"804.1" ICD9-HASH-TABLE)
      "Closed with cerebral laceration and contusion")
(SETF (GETHASH '"804.2" ICD9-HASH-TABLE)
      "Closed with subarachnoid, subdural, and extradural hemorrhage")
(SETF (GETHASH '"804.3" ICD9-HASH-TABLE)
      "Closed with other and unspecified intracranial hemorrhage")
(SETF (GETHASH '"804.4" ICD9-HASH-TABLE)
      "Closed with intracranialinjury of other and unspecified nature")
(SETF (GETHASH '"804.5" ICD9-HASH-TABLE)
      "Open without mention of intracranial injury")
(SETF (GETHASH '"804.6" ICD9-HASH-TABLE)
      "Open with cerebral laceration and contusion")
(SETF (GETHASH '"804.7" ICD9-HASH-TABLE)
      "Open with subarachnoid, subdural, and extradural hemorrhage")
(SETF (GETHASH '"804.8" ICD9-HASH-TABLE)
      "Open with other and unspecified intracranial hemorrhage")
(SETF (GETHASH '"804.9" ICD9-HASH-TABLE)
      "Open with intracranial injury of other and unspecified nature")
(SETF (GETHASH '"FRACTURE OF NECK AND TRUNK (805-809)" ICD9-HASH-TABLE)
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      "")
(SETF (GETHASH '"805" ICD9-HASH-TABLE)
      "Fracture of vertebral column without mention of spinal cord injury")
(SETF (GETHASH '"805.0" ICD9-HASH-TABLE) "Cervical, closed")
(SETF (GETHASH '"805.1" ICD9-HASH-TABLE) "Cervical, open")
(SETF (GETHASH '"805.2" ICD9-HASH-TABLE) "Dorsal [thoracic], closed")
(SETF (GETHASH '"805.3" ICD9-HASH-TABLE) "Dorsal [thoracic], open")
(SETF (GETHASH '"805.4" ICD9-HASH-TABLE) "Lumbar, closed")
(SETF (GETHASH '"805.5" ICD9-HASH-TABLE) "Lumbar, open")
(SETF (GETHASH '"805.6" ICD9-HASH-TABLE) "Sacrum and coccyx, closed")
(SETF (GETHASH '"805.7" ICD9-HASH-TABLE) "Sacrum and coccyx, open")
(SETF (GETHASH '"805.8" ICD9-HASH-TABLE) "Unspecified, closed")
(SETF (GETHASH '"805.9" ICD9-HASH-TABLE) "Unspecified, open")
(SETF (GETHASH '"806" ICD9-HASH-TABLE)
      "Fracture of vertebral column with spinal cord injury")
(SETF (GETHASH '"806.0" ICD9-HASH-TABLE) "Cervical, closed")
(SETF (GETHASH '"806.00" ICD9-HASH-TABLE)
      "C1-C4 level with unspecified spinal cord injury")
(SETF (GETHASH '"806.01" ICD9-HASH-TABLE)
      "C1-C4 level with complete lesion of cord")
(SETF (GETHASH '"806.02" ICD9-HASH-TABLE)
      "C1-C4 level with anterior cord syndrome")
(SETF (GETHASH '"806.03" ICD9-HASH-TABLE)
      "C1-C4 level with central cord syndrome")
(SETF (GETHASH '"806.04" ICD9-HASH-TABLE)
      "C1-C4 level with other specified spinal cord injury")
(SETF (GETHASH '"806.05" ICD9-HASH-TABLE)
      "C5-C7 level with unspecified spinal cord injury")
(SETF (GETHASH '"806.06" ICD9-HASH-TABLE)
      "C5-C7 level with complete lesion of cord")
(SETF (GETHASH '"806.07" ICD9-HASH-TABLE)
      "C5-C7 level with anterior cord syndrome")
(SETF (GETHASH '"806.08" ICD9-HASH-TABLE)
      "C5-C7 level with central cord syndrome")
(SETF (GETHASH '"806.09" ICD9-HASH-TABLE)
      "C5-C7 level with other specified spinal cord injury")
(SETF (GETHASH '"806.1" ICD9-HASH-TABLE) "Cervical, open")
(SETF (GETHASH '"806.10" ICD9-HASH-TABLE)
      "C1-C4 level with unspecified spinal cord injury")
(SETF (GETHASH '"806.11" ICD9-HASH-TABLE)
      "C1-C4 level with complete lesion of cord")
(SETF (GETHASH '"806.12" ICD9-HASH-TABLE)
      "C1-C4 level with anterior cord syndrome")
(SETF (GETHASH '"806.13" ICD9-HASH-TABLE)
      "C1-C4 level with central cord syndrome")
(SETF (GETHASH '"806.14" ICD9-HASH-TABLE)
      "C1-C4 level with other specified spinal cord injury")
(SETF (GETHASH '"806.15" ICD9-HASH-TABLE)
      "C5-C7 level with unspecified spinal cord injury")
(SETF (GETHASH '"806.16" ICD9-HASH-TABLE)
      "C5-C7 level with complete lesion of cord")
(SETF (GETHASH '"806.17" ICD9-HASH-TABLE)
      "C5-C7 level with anterior cord syndrome")
(SETF (GETHASH '"806.18" ICD9-HASH-TABLE)
      "C5-C7 level with central cord syndrome")
(SETF (GETHASH '"806.19" ICD9-HASH-TABLE)
      "C5-C7 level with other specified spinal cord injury")
(SETF (GETHASH '"806.2" ICD9-HASH-TABLE) "Dorsal [thoracic], closed")
(SETF (GETHASH '"806.20" ICD9-HASH-TABLE)
      "T1-T6 level with unspecified spinal cord injury")
(SETF (GETHASH '"806.21" ICD9-HASH-TABLE)
      "T1-T6 level with complete lesion of cord")
(SETF (GETHASH '"806.22" ICD9-HASH-TABLE)
      "T1-T6 level with anterior cord syndrome")
(SETF (GETHASH '"806.23" ICD9-HASH-TABLE)
      "T1-T6 level with central cord syndrome")
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(SETF (GETHASH '"806.24" ICD9-HASH-TABLE)
      "T1-T6 level with other specified spinal cord injury")
(SETF (GETHASH '"806.25" ICD9-HASH-TABLE)
      "T7-T12 level with unspecified spinal cord injury")
(SETF (GETHASH '"806.26" ICD9-HASH-TABLE)
      "T7-T12 level with complete lesion of cord")
(SETF (GETHASH '"806.27" ICD9-HASH-TABLE)
      "T7-T12 level with anterior cord syndrome")
(SETF (GETHASH '"806.28" ICD9-HASH-TABLE)
      "T7-T12 level with central cord syndrome")
(SETF (GETHASH '"806.29" ICD9-HASH-TABLE)
      "T7-T12 level with other specified spinal cord injury")
(SETF (GETHASH '"806.3" ICD9-HASH-TABLE) "Dorsal [thoracic], open")
(SETF (GETHASH '"806.30" ICD9-HASH-TABLE)
      "T1-T6 level with unspecified spinal cord injury")
(SETF (GETHASH '"806.31" ICD9-HASH-TABLE)
      "T1-T6 level with complete lesion of cord")
(SETF (GETHASH '"806.32" ICD9-HASH-TABLE)
      "T1-T6 level with anterior cord syndrome")
(SETF (GETHASH '"806.33" ICD9-HASH-TABLE)
      "T1-T6 level with central cord syndrome")
(SETF (GETHASH '"806.34" ICD9-HASH-TABLE)
      "T1-T6 level with other specified spinal cord injury")
(SETF (GETHASH '"806.35" ICD9-HASH-TABLE)
      "T7-T12 level with unspecified spinal cord injury")
(SETF (GETHASH '"806.36" ICD9-HASH-TABLE)
      "T7-T12 level with complete lesion of cord")
(SETF (GETHASH '"806.37" ICD9-HASH-TABLE)
      "T7-T12 level with anterior cord syndrome")
(SETF (GETHASH '"806.38" ICD9-HASH-TABLE)
      "T7-T12 level with central cord syndrome")
(SETF (GETHASH '"806.39" ICD9-HASH-TABLE)
      "T7-T12 level with other specified spinal cord injury")
(SETF (GETHASH '"806.4" ICD9-HASH-TABLE) "Lumbar, closed")
(SETF (GETHASH '"806.5" ICD9-HASH-TABLE) "Lumbar, open")
(SETF (GETHASH '"806.6" ICD9-HASH-TABLE) "Sacrum and coccyx, closed")
(SETF (GETHASH '"806.60" ICD9-HASH-TABLE)
      "With unspecified spinal cord injury")
(SETF (GETHASH '"806.61" ICD9-HASH-TABLE)
      "With complete cauda equina lesion")
(SETF (GETHASH '"806.62" ICD9-HASH-TABLE)
      "With other cauda equina injury")
(SETF (GETHASH '"806.69" ICD9-HASH-TABLE)
      "With other spinal cord injury")
(SETF (GETHASH '"806.7" ICD9-HASH-TABLE) "Sacrum and coccyx, open")
(SETF (GETHASH '"806.70" ICD9-HASH-TABLE)
      "With unspecified spinal cord injury")
(SETF (GETHASH '"806.71" ICD9-HASH-TABLE)
      "With complete cauda equina lesion")
(SETF (GETHASH '"806.72" ICD9-HASH-TABLE)
      "With other cauda equina injury")
(SETF (GETHASH '"806.79" ICD9-HASH-TABLE)
      "With other spinal cord injury")
(SETF (GETHASH '"806.8" ICD9-HASH-TABLE) "Unspecified, closed")
(SETF (GETHASH '"806.9" ICD9-HASH-TABLE) "Unspecified, open")
(SETF (GETHASH '"807" ICD9-HASH-TABLE)
      "Fracture of rib(s), sternum, larynx, and trachea")
(SETF (GETHASH '"807.0" ICD9-HASH-TABLE) "Rib(s), closed")
(SETF (GETHASH '"807.1" ICD9-HASH-TABLE) "Rib(s), open")
(SETF (GETHASH '"807.2" ICD9-HASH-TABLE) "Sternum, closed")
(SETF (GETHASH '"807.3" ICD9-HASH-TABLE) "Sternum, open")
(SETF (GETHASH '"807.4" ICD9-HASH-TABLE) "Flail chest")
(SETF (GETHASH '"807.5" ICD9-HASH-TABLE) "Larynx and trachea, closed")
(SETF (GETHASH '"807.6" ICD9-HASH-TABLE) "Larynx and trachea, open")
(SETF (GETHASH '"808" ICD9-HASH-TABLE) "Fracture of pelvis")
(SETF (GETHASH '"808.0" ICD9-HASH-TABLE) "Acetabulum, closed")
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(SETF (GETHASH '"808.1" ICD9-HASH-TABLE) "Acetabulum, open")
(SETF (GETHASH '"808.2" ICD9-HASH-TABLE) "Pubis, closed")
(SETF (GETHASH '"808.3" ICD9-HASH-TABLE) "Pubis, open")
(SETF (GETHASH '"808.4" ICD9-HASH-TABLE) "Other specified part, closed")
(SETF (GETHASH '"808.41" ICD9-HASH-TABLE) "Ilium")
(SETF (GETHASH '"808.42" ICD9-HASH-TABLE) "Ischium")
(SETF (GETHASH '"808.43" ICD9-HASH-TABLE)
      "Multiple pelvic fractures with disruption of pelvic circle")
(SETF (GETHASH '"808.49" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"808.5" ICD9-HASH-TABLE) "Other specified part, open")
(SETF (GETHASH '"808.51" ICD9-HASH-TABLE) "Ilium")
(SETF (GETHASH '"808.52" ICD9-HASH-TABLE) "Ischium")
(SETF (GETHASH '"808.53" ICD9-HASH-TABLE)
      "Multiple pelvic fractures with disruption of pelvic circle")
(SETF (GETHASH '"808.59" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"808.8" ICD9-HASH-TABLE) "Unspecified, closed")
(SETF (GETHASH '"808.9" ICD9-HASH-TABLE) "Unspecified, open")
(SETF (GETHASH '"809" ICD9-HASH-TABLE)
      "Ill-defined fractures of bones of trunk")
(SETF (GETHASH '"809.0" ICD9-HASH-TABLE)
      "Fracture of bones of trunk, closed")
(SETF (GETHASH '"809.1" ICD9-HASH-TABLE)
      "Fracture of bones of trunk, open")
(SETF (GETHASH '"FRACTURE OF UPPER LIMB (810-819)" ICD9-HASH-TABLE) "")
(SETF (GETHASH '"810" ICD9-HASH-TABLE) "Fracture of clavicle")
(SETF (GETHASH '"810.0" ICD9-HASH-TABLE) "Closed")
(SETF (GETHASH '"810.1" ICD9-HASH-TABLE) "Open")
(SETF (GETHASH '"811" ICD9-HASH-TABLE) "Fracture of scapula")
(SETF (GETHASH '"811.0" ICD9-HASH-TABLE) "Closed")
(SETF (GETHASH '"811.1" ICD9-HASH-TABLE) "Open")
(SETF (GETHASH '"812" ICD9-HASH-TABLE) "Fracture of humerus")
(SETF (GETHASH '"812.0" ICD9-HASH-TABLE) "Upper end, closed")
(SETF (GETHASH '"812.00" ICD9-HASH-TABLE) "Upper end, unspecified part")
(SETF (GETHASH '"812.01" ICD9-HASH-TABLE) "Surgical neck")
(SETF (GETHASH '"812.02" ICD9-HASH-TABLE) "Anatomical neck")
(SETF (GETHASH '"812.03" ICD9-HASH-TABLE) "Greater tuberosity")
(SETF (GETHASH '"812.09" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"812.1" ICD9-HASH-TABLE) "Upper end, open")
(SETF (GETHASH '"812.10" ICD9-HASH-TABLE) "Upper end, unspecified part")
(SETF (GETHASH '"812.11" ICD9-HASH-TABLE) "Surgical neck")
(SETF (GETHASH '"812.12" ICD9-HASH-TABLE) "Anatomical neck")
(SETF (GETHASH '"812.13" ICD9-HASH-TABLE) "Greater tuberosity")
(SETF (GETHASH '"812.19" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"812.2" ICD9-HASH-TABLE)
      "Shaft or unspecified part, closed")
(SETF (GETHASH '"812.20" ICD9-HASH-TABLE) "Unspecified part of humerus")
(SETF (GETHASH '"812.21" ICD9-HASH-TABLE) "Shaft of humerus")
(SETF (GETHASH '"812.3" ICD9-HASH-TABLE)
      "Shaft or unspecified part, open")
(SETF (GETHASH '"812.30" ICD9-HASH-TABLE) "Unspecified part of humerus")
(SETF (GETHASH '"812.31" ICD9-HASH-TABLE) "Shaft of humerus")
(SETF (GETHASH '"812.4" ICD9-HASH-TABLE) "Lower end, closed")
(SETF (GETHASH '"812.40" ICD9-HASH-TABLE) "Lower end, unspecified part")
(SETF (GETHASH '"812.41" ICD9-HASH-TABLE)
      "Supracondylar fracture of humerus")
(SETF (GETHASH '"812.42" ICD9-HASH-TABLE) "Lateral condyle")
(SETF (GETHASH '"812.43" ICD9-HASH-TABLE) "Medial condyle")
(SETF (GETHASH '"812.44" ICD9-HASH-TABLE) "Condyle(s), unspecified")
(SETF (GETHASH '"812.49" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"812.5" ICD9-HASH-TABLE) "Lower end, open")
(SETF (GETHASH '"812.50" ICD9-HASH-TABLE) "Lower end, unspecified part")
(SETF (GETHASH '"812.51" ICD9-HASH-TABLE)
      "Supracondylar fracture of humerus")
(SETF (GETHASH '"812.52" ICD9-HASH-TABLE) "Lateral condyle")
(SETF (GETHASH '"812.53" ICD9-HASH-TABLE) "Medial condyle")
(SETF (GETHASH '"812.54" ICD9-HASH-TABLE) "Condyle(s), unspecified")
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(SETF (GETHASH '"812.59" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"813" ICD9-HASH-TABLE) "Fracture of radius and ulna")
(SETF (GETHASH '"813.0" ICD9-HASH-TABLE) "Upper end, closed")
(SETF (GETHASH '"813.00" ICD9-HASH-TABLE)
      "Upper end of forearm, unspecified")
(SETF (GETHASH '"813.01" ICD9-HASH-TABLE) "Olecranon process of ulna")
(SETF (GETHASH '"813.02" ICD9-HASH-TABLE) "Coronoid process of ulna")
(SETF (GETHASH '"813.03" ICD9-HASH-TABLE) "Monteggia's fracture")
(SETF (GETHASH '"813.04" ICD9-HASH-TABLE)
      "Other and unspecified fractures of proximal end of ulna (alone)")
(SETF (GETHASH '"813.05" ICD9-HASH-TABLE) "Head of radius")
(SETF (GETHASH '"813.06" ICD9-HASH-TABLE) "Neck of radius")
(SETF (GETHASH '"813.07" ICD9-HASH-TABLE)
      "Other and unspecified fractures of proximal end of radius (alone)")
(SETF (GETHASH '"813.08" ICD9-HASH-TABLE)
      "Radius with ulna, upper end [any part]")
(SETF (GETHASH '"813.1" ICD9-HASH-TABLE) "Upper end, open")
(SETF (GETHASH '"813.10" ICD9-HASH-TABLE)
      "Upper end of forearm, unspecified")
(SETF (GETHASH '"813.11" ICD9-HASH-TABLE) "Olecranon process of ulna")
(SETF (GETHASH '"813.12" ICD9-HASH-TABLE) "Coronoid process of ulna")
(SETF (GETHASH '"813.13" ICD9-HASH-TABLE) "Monteggia's fracture")
(SETF (GETHASH '"813.14" ICD9-HASH-TABLE)
      "Other and unspecified fractures of proximal end of ulna (alone)")
(SETF (GETHASH '"813.15" ICD9-HASH-TABLE) "Head of radius")
(SETF (GETHASH '"813.16" ICD9-HASH-TABLE) "Neck of radius")
(SETF (GETHASH '"813.17" ICD9-HASH-TABLE)
      "Other and unspecified fractures of proximal end of radius (alone)")
(SETF (GETHASH '"813.18" ICD9-HASH-TABLE)
      "Radius with ulna, upper end [any part]")
(SETF (GETHASH '"813.2" ICD9-HASH-TABLE) "Shaft, closed")
(SETF (GETHASH '"813.20" ICD9-HASH-TABLE) "Shaft, unspecified")
(SETF (GETHASH '"813.21" ICD9-HASH-TABLE) "Radius (alone)")
(SETF (GETHASH '"813.22" ICD9-HASH-TABLE) "Ulna (alone)")
(SETF (GETHASH '"813.23" ICD9-HASH-TABLE) "Radius with ulna")
(SETF (GETHASH '"813.3" ICD9-HASH-TABLE) "Shaft, open")
(SETF (GETHASH '"813.30" ICD9-HASH-TABLE) "Shaft, unspecified")
(SETF (GETHASH '"813.31" ICD9-HASH-TABLE) "Radius (alone)")
(SETF (GETHASH '"813.32" ICD9-HASH-TABLE) "Ulna (alone)")
(SETF (GETHASH '"813.33" ICD9-HASH-TABLE) "Radius with ulna")
(SETF (GETHASH '"813.4" ICD9-HASH-TABLE) "Lower end, closed")
(SETF (GETHASH '"813.40" ICD9-HASH-TABLE)
      "Lower end of forearm, unspecified")
(SETF (GETHASH '"813.41" ICD9-HASH-TABLE) "Colles' fracture")
(SETF (GETHASH '"813.42" ICD9-HASH-TABLE)
      "Other fractures of distal end of radius (alone)")
(SETF (GETHASH '"813.43" ICD9-HASH-TABLE) "Distal end of ulna (alone)")
(SETF (GETHASH '"813.44" ICD9-HASH-TABLE) "Radius with ulna, lower end")
(SETF (GETHASH '"813.5" ICD9-HASH-TABLE) "Lower end, open")
(SETF (GETHASH '"813.50" ICD9-HASH-TABLE)
      "Lower end of forearm, unspecified")
(SETF (GETHASH '"813.51" ICD9-HASH-TABLE) "Colles' fracture")
(SETF (GETHASH '"813.52" ICD9-HASH-TABLE)
      "Other fractures of distal end of radius (alone)")
(SETF (GETHASH '"813.53" ICD9-HASH-TABLE) "Distal end of ulna (alone)")
(SETF (GETHASH '"813.54" ICD9-HASH-TABLE) "Radius with ulna, lower end")
(SETF (GETHASH '"813.8" ICD9-HASH-TABLE) "Unspecified part, closed")
(SETF (GETHASH '"813.80" ICD9-HASH-TABLE) "Forearm, unspecified")
(SETF (GETHASH '"813.81" ICD9-HASH-TABLE) "Radius (alone)")
(SETF (GETHASH '"813.82" ICD9-HASH-TABLE) "Ulna (alone)")
(SETF (GETHASH '"813.83" ICD9-HASH-TABLE) "Radius with ulna")
(SETF (GETHASH '"813.9" ICD9-HASH-TABLE) "Unspecified part, open")
(SETF (GETHASH '"813.90" ICD9-HASH-TABLE) "Forearm, unspecified")
(SETF (GETHASH '"813.91" ICD9-HASH-TABLE) "Radius (alone)")
(SETF (GETHASH '"813.92" ICD9-HASH-TABLE) "Ulna (alone)")
(SETF (GETHASH '"813.93" ICD9-HASH-TABLE) "Radius with ulna")
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(SETF (GETHASH '"814" ICD9-HASH-TABLE) "Fracture of carpal bone(s)")
(SETF (GETHASH '"814.0" ICD9-HASH-TABLE) "Closed")
(SETF (GETHASH '"814.1" ICD9-HASH-TABLE) "Open")
(SETF (GETHASH '"815" ICD9-HASH-TABLE) "Fracture of metacarpal bone(s)")
(SETF (GETHASH '"815.0" ICD9-HASH-TABLE) "Closed")
(SETF (GETHASH '"815.1" ICD9-HASH-TABLE) "Open")
(SETF (GETHASH '"816" ICD9-HASH-TABLE)
      "Fracture of one or more phalanges of hand")
(SETF (GETHASH '"816.0" ICD9-HASH-TABLE) "Closed")
(SETF (GETHASH '"816.1" ICD9-HASH-TABLE) "Open")
(SETF (GETHASH '"817" ICD9-HASH-TABLE)
      "Multiple fractures of hand bones")
(SETF (GETHASH '"817.0" ICD9-HASH-TABLE) "Closed")
(SETF (GETHASH '"817.1" ICD9-HASH-TABLE) "Open")
(SETF (GETHASH '"818" ICD9-HASH-TABLE)
      "Ill-defined fractures of upper limb")
(SETF (GETHASH '"818.0" ICD9-HASH-TABLE) "Closed")
(SETF (GETHASH '"818.1" ICD9-HASH-TABLE) "Open")
(SETF (GETHASH '"819" ICD9-HASH-TABLE)
      "Multiple fractures involving both upper limbs, and upper limb with rib(s) and sternum")
(SETF (GETHASH '"819.0" ICD9-HASH-TABLE) "Closed")
(SETF (GETHASH '"819.1" ICD9-HASH-TABLE) "Open")
(SETF (GETHASH '"FRACTURE OF LOWER LIMB (820-829)" ICD9-HASH-TABLE) "")
(SETF (GETHASH '"820" ICD9-HASH-TABLE) "Fracture of neck of femur")
(SETF (GETHASH '"820.0" ICD9-HASH-TABLE)
      "Transcervical fracture, closed")
(SETF (GETHASH '"820.00" ICD9-HASH-TABLE)
      "Intracapsular section, unspecified")
(SETF (GETHASH '"820.01" ICD9-HASH-TABLE)
      "Epiphysis (separation) (upper)")
(SETF (GETHASH '"820.02" ICD9-HASH-TABLE) "Midcervical section")
(SETF (GETHASH '"820.03" ICD9-HASH-TABLE) "Base of neck")
(SETF (GETHASH '"820.09" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"820.1" ICD9-HASH-TABLE) "Transcervical fracture, open")
(SETF (GETHASH '"820.10" ICD9-HASH-TABLE)
      "Intracapsular section, unspecified")
(SETF (GETHASH '"820.11" ICD9-HASH-TABLE)
      "Epiphysis (separation) (upper)")
(SETF (GETHASH '"820.12" ICD9-HASH-TABLE) "Midcervical section")
(SETF (GETHASH '"820.13" ICD9-HASH-TABLE) "Base of neck")
(SETF (GETHASH '"820.19" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"820.2" ICD9-HASH-TABLE)
      "Pertrochanteric fracture, closed")
(SETF (GETHASH '"820.20" ICD9-HASH-TABLE)
      "Trochanteric section, unspecified")
(SETF (GETHASH '"820.21" ICD9-HASH-TABLE) "Intertrochanteric section")
(SETF (GETHASH '"820.22" ICD9-HASH-TABLE) "Subtrochanteric section")
(SETF (GETHASH '"820.3" ICD9-HASH-TABLE)
      "Pertrochanteric fracture, open")
(SETF (GETHASH '"820.30" ICD9-HASH-TABLE)
      "Trochanteric section, unspecified")
(SETF (GETHASH '"820.31" ICD9-HASH-TABLE) "Intertrochanteric section")
(SETF (GETHASH '"820.32" ICD9-HASH-TABLE) "Subtrochanteric section")
(SETF (GETHASH '"820.8" ICD9-HASH-TABLE)
      "Unspecified part of neck of femur, closed")
(SETF (GETHASH '"820.9" ICD9-HASH-TABLE)
      "Unspecified part of neck of femur, open")
(SETF (GETHASH '"821" ICD9-HASH-TABLE)
      "Fracture of other and unspecified parts of femur")
(SETF (GETHASH '"821.0" ICD9-HASH-TABLE)
      "Shaft or unspecified part, closed")
(SETF (GETHASH '"821.00" ICD9-HASH-TABLE) "Unspecified part of femur")
(SETF (GETHASH '"821.01" ICD9-HASH-TABLE) "Shaft")
(SETF (GETHASH '"821.1" ICD9-HASH-TABLE)
      "Shaft or unspecified part, open")
(SETF (GETHASH '"821.10" ICD9-HASH-TABLE) "Unspecified part of femur")
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(SETF (GETHASH '"821.11" ICD9-HASH-TABLE) "Shaft")
(SETF (GETHASH '"821.2" ICD9-HASH-TABLE) "Lower end, closed")
(SETF (GETHASH '"821.20" ICD9-HASH-TABLE) "Lower end, unspecified part")
(SETF (GETHASH '"821.21" ICD9-HASH-TABLE) "Condyle, femoral")
(SETF (GETHASH '"821.22" ICD9-HASH-TABLE)
      "Epiphysis, lower (separation)")
(SETF (GETHASH '"821.23" ICD9-HASH-TABLE)
      "Supracondylar fracture of femur")
(SETF (GETHASH '"821.29" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"821.3" ICD9-HASH-TABLE) "Lower end, open")
(SETF (GETHASH '"821.30" ICD9-HASH-TABLE) "Lower end, unspecified part")
(SETF (GETHASH '"821.31" ICD9-HASH-TABLE) "Condyle, femoral")
(SETF (GETHASH '"821.32" ICD9-HASH-TABLE)
      "Epiphysis, lower (separation)")
(SETF (GETHASH '"821.33" ICD9-HASH-TABLE)
      "Supracondylar fracture of femur")
(SETF (GETHASH '"821.39" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"822" ICD9-HASH-TABLE) "Fracture of patella")
(SETF (GETHASH '"822.0" ICD9-HASH-TABLE) "Closed")
(SETF (GETHASH '"822.1" ICD9-HASH-TABLE) "Open")
(SETF (GETHASH '"823" ICD9-HASH-TABLE) "Fracture of tibia and fibula")
(SETF (GETHASH '"823.0" ICD9-HASH-TABLE) "Upper end, closed")
(SETF (GETHASH '"823.1" ICD9-HASH-TABLE) "Upper end, open")
(SETF (GETHASH '"823.2" ICD9-HASH-TABLE) "Shaft, closed")
(SETF (GETHASH '"823.3" ICD9-HASH-TABLE) "Shaft, open")
(SETF (GETHASH '"823.8" ICD9-HASH-TABLE) "Unspecified part, closed")
(SETF (GETHASH '"823.9" ICD9-HASH-TABLE) "Unspecified part, open")
(SETF (GETHASH '"824" ICD9-HASH-TABLE) "Fracture of ankle")
(SETF (GETHASH '"824.0" ICD9-HASH-TABLE) "Medial malleolus, closed")
(SETF (GETHASH '"824.1" ICD9-HASH-TABLE) "Medial malleolus, open")
(SETF (GETHASH '"824.2" ICD9-HASH-TABLE) "Lateral malleolus, closed")
(SETF (GETHASH '"824.3" ICD9-HASH-TABLE) "Lateral malleolus, open")
(SETF (GETHASH '"824.4" ICD9-HASH-TABLE) "Bimalleolar, closed")
(SETF (GETHASH '"824.5" ICD9-HASH-TABLE) "Bimalleolar, open")
(SETF (GETHASH '"824.6" ICD9-HASH-TABLE) "Trimalleolar, closed")
(SETF (GETHASH '"824.7" ICD9-HASH-TABLE) "Trimalleolar, open")
(SETF (GETHASH '"824.8" ICD9-HASH-TABLE) "Unspecified, closed")
(SETF (GETHASH '"824.9" ICD9-HASH-TABLE) "Unspecified, open")
(SETF (GETHASH '"825" ICD9-HASH-TABLE)
      "Fracture of one or more tarsal and metatarsal bones")
(SETF (GETHASH '"825.0" ICD9-HASH-TABLE) "Fracture of calcaneus, closed")
(SETF (GETHASH '"825.1" ICD9-HASH-TABLE) "Fracture of calcaneus, open")
(SETF (GETHASH '"825.2" ICD9-HASH-TABLE)
      "Fracture of other tarsal and metatarsal bones, closed")
(SETF (GETHASH '"825.20" ICD9-HASH-TABLE)
      "Unspecified bone(s) of foot [except toes]")
(SETF (GETHASH '"825.21" ICD9-HASH-TABLE) "Astragalus")
(SETF (GETHASH '"825.22" ICD9-HASH-TABLE) "Navicular [scaphoid], foot")
(SETF (GETHASH '"825.23" ICD9-HASH-TABLE) "Cuboid")
(SETF (GETHASH '"825.24" ICD9-HASH-TABLE) "Cuneiform, foot")
(SETF (GETHASH '"825.25" ICD9-HASH-TABLE) "Metatarsal bone(s)")
(SETF (GETHASH '"825.29" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"825.3" ICD9-HASH-TABLE)
      "Fracture of other tarsal and metatarsal bones, open")
(SETF (GETHASH '"825.30" ICD9-HASH-TABLE)
      "Unspecified bone(s) of foot [except toes]")
(SETF (GETHASH '"825.31" ICD9-HASH-TABLE) "Astragalus")
(SETF (GETHASH '"825.32" ICD9-HASH-TABLE) "Navicular [scaphoid], foot")
(SETF (GETHASH '"825.33" ICD9-HASH-TABLE) "Cuboid")
(SETF (GETHASH '"825.34" ICD9-HASH-TABLE) "Cuneiform, foot")
(SETF (GETHASH '"825.39" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"826" ICD9-HASH-TABLE)
      "Fracture of one or more phalanges of foot")
(SETF (GETHASH '"826.0" ICD9-HASH-TABLE) "Closed")
(SETF (GETHASH '"826.1" ICD9-HASH-TABLE) "Open")
(SETF (GETHASH '"827" ICD9-HASH-TABLE)
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      "Other, multiple, and ill-defined fractures of lower limb")
(SETF (GETHASH '"827.0" ICD9-HASH-TABLE) "Closed")
(SETF (GETHASH '"827.1" ICD9-HASH-TABLE) "Open")
(SETF (GETHASH '"828" ICD9-HASH-TABLE)
      "Multiple fractures involving both lower limbs, lower with upper limb, and lower limb(s) with rib(s) and sternum")
(SETF (GETHASH '"828.0" ICD9-HASH-TABLE) "Closed")
(SETF (GETHASH '"828.1" ICD9-HASH-TABLE) "Open")
(SETF (GETHASH '"829" ICD9-HASH-TABLE) "Fracture of unspecified bones")
(SETF (GETHASH '"829.0" ICD9-HASH-TABLE) "Unspecified bone, closed")
(SETF (GETHASH '"829.1" ICD9-HASH-TABLE) "Unspecified bone, open")
(SETF (GETHASH '"830" ICD9-HASH-TABLE) "Dislocation of jaw")
(SETF (GETHASH '"830.0" ICD9-HASH-TABLE) "Closed dislocation")
(SETF (GETHASH '"830.1" ICD9-HASH-TABLE) "Open dislocation")
(SETF (GETHASH '"831" ICD9-HASH-TABLE) "Dislocation of shoulder")
(SETF (GETHASH '"831.0" ICD9-HASH-TABLE) "Closed dislocation")
(SETF (GETHASH '"831.1" ICD9-HASH-TABLE) "Open dislocation")
(SETF (GETHASH '"832" ICD9-HASH-TABLE) "Dislocation of elbow")
(SETF (GETHASH '"832.0" ICD9-HASH-TABLE) "Closed dislocation")
(SETF (GETHASH '"832.1" ICD9-HASH-TABLE) "Open dislocation")
(SETF (GETHASH '"833" ICD9-HASH-TABLE) "Dislocation of wrist")
(SETF (GETHASH '"833.0" ICD9-HASH-TABLE) "Closed dislocation")
(SETF (GETHASH '"833.1" ICD9-HASH-TABLE) "Open dislocation")
(SETF (GETHASH '"834" ICD9-HASH-TABLE) "Dislocation of finger")
(SETF (GETHASH '"834.0" ICD9-HASH-TABLE) "Closed dislocation")
(SETF (GETHASH '"834.1" ICD9-HASH-TABLE) "Open dislocation")
(SETF (GETHASH '"835" ICD9-HASH-TABLE) "Dislocation of hip")
(SETF (GETHASH '"835.0" ICD9-HASH-TABLE) "Closed dislocation")
(SETF (GETHASH '"835.1" ICD9-HASH-TABLE) "Open dislocation")
(SETF (GETHASH '"836" ICD9-HASH-TABLE) "Dislocation of knee")
(SETF (GETHASH '"836.0" ICD9-HASH-TABLE)
      "Tear of medial cartilage or meniscus of knee, current")
(SETF (GETHASH '"836.1" ICD9-HASH-TABLE)
      "Tear of lateral cartilage or meniscus of knee, current")
(SETF (GETHASH '"836.2" ICD9-HASH-TABLE)
      "Other tear of cartilage or meniscus of knee, current")
(SETF (GETHASH '"836.3" ICD9-HASH-TABLE)
      "Dislocation of patella, closed")
(SETF (GETHASH '"836.4" ICD9-HASH-TABLE) "Dislocation of patella, open")
(SETF (GETHASH '"836.5" ICD9-HASH-TABLE)
      "Other dislocation of knee, closed")
(SETF (GETHASH '"836.50" ICD9-HASH-TABLE)
      "Dislocation of knee, unspecified")
(SETF (GETHASH '"836.51" ICD9-HASH-TABLE)
      "Anterior dislocation of tibia, proximal end")
(SETF (GETHASH '"836.52" ICD9-HASH-TABLE)
      "Posterior dislocation of tibia, proximal end")
(SETF (GETHASH '"836.53" ICD9-HASH-TABLE)
      "Medial dislocation of tibia, proximal end")
(SETF (GETHASH '"836.54" ICD9-HASH-TABLE)
      "Lateral dislocation of tibia, proximal end")
(SETF (GETHASH '"836.59" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"836.6" ICD9-HASH-TABLE)
      "Other dislocation of knee, open")
(SETF (GETHASH '"836.60" ICD9-HASH-TABLE)
      "Dislocation of knee, unspecified")
(SETF (GETHASH '"836.61" ICD9-HASH-TABLE)
      "Anterior dislocation of tibia, proximal end")
(SETF (GETHASH '"836.62" ICD9-HASH-TABLE)
      "Posterior dislocation of tibia, proximal end")
(SETF (GETHASH '"836.63" ICD9-HASH-TABLE)
      "Medial dislocation of tibia, proximal end")
(SETF (GETHASH '"836.64" ICD9-HASH-TABLE)
      "Lateral dislocation of tibia, proximal end")
(SETF (GETHASH '"836.69" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"837" ICD9-HASH-TABLE) "Dislocation of ankle")
(SETF (GETHASH '"837.0" ICD9-HASH-TABLE) "Closed dislocation")
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(SETF (GETHASH '"837.1" ICD9-HASH-TABLE) "Open dislocation")
(SETF (GETHASH '"838" ICD9-HASH-TABLE) "Dislocation of foot")
(SETF (GETHASH '"838.0" ICD9-HASH-TABLE) "Closed dislocation")
(SETF (GETHASH '"838.1" ICD9-HASH-TABLE) "Open dislocation")
(SETF (GETHASH '"839" ICD9-HASH-TABLE)
      "Other, multiple, and ill-defined dislocations")
(SETF (GETHASH '"839.0" ICD9-HASH-TABLE) "Cervical vertebra, closed")
(SETF (GETHASH '"839.00" ICD9-HASH-TABLE)
      "Cervical vertebra, unspecified")
(SETF (GETHASH '"839.01" ICD9-HASH-TABLE) "First cervical vertebra")
(SETF (GETHASH '"839.02" ICD9-HASH-TABLE) "Second cervical vertebra")
(SETF (GETHASH '"839.03" ICD9-HASH-TABLE) "Third cervical vertebra")
(SETF (GETHASH '"839.04" ICD9-HASH-TABLE) "Fourth cervical vertebra")
(SETF (GETHASH '"839.05" ICD9-HASH-TABLE) "Fifth cervical vertebra")
(SETF (GETHASH '"839.06" ICD9-HASH-TABLE) "Sixth cervical vertebra")
(SETF (GETHASH '"839.07" ICD9-HASH-TABLE) "Seventh cervical vertebra")
(SETF (GETHASH '"839.08" ICD9-HASH-TABLE) "Multiple cervical vertebrae")
(SETF (GETHASH '"839.1" ICD9-HASH-TABLE) "Cervical vertebra, open")
(SETF (GETHASH '"839.10" ICD9-HASH-TABLE)
      "Cervical vertebra, unspecified")
(SETF (GETHASH '"839.11" ICD9-HASH-TABLE) "First cervical vertebra")
(SETF (GETHASH '"839.12" ICD9-HASH-TABLE) "Second cervical vertebra")
(SETF (GETHASH '"839.13" ICD9-HASH-TABLE) "Third cervical vertebra")
(SETF (GETHASH '"839.14" ICD9-HASH-TABLE) "Fourth cervical vertebra")
(SETF (GETHASH '"839.15" ICD9-HASH-TABLE) "Fifth cervical vertebra")
(SETF (GETHASH '"839.16" ICD9-HASH-TABLE) "Sixth cervical vertebra")
(SETF (GETHASH '"839.17" ICD9-HASH-TABLE) "Seventh cervical vertebra")
(SETF (GETHASH '"839.18" ICD9-HASH-TABLE) "Multiple cervical vertebrae")
(SETF (GETHASH '"839.2" ICD9-HASH-TABLE)
      "Thoracic and lumbar vertebra, closed")
(SETF (GETHASH '"839.20" ICD9-HASH-TABLE) "Lumbar vertebra")
(SETF (GETHASH '"839.21" ICD9-HASH-TABLE) "Thoracic vertebra")
(SETF (GETHASH '"839.3" ICD9-HASH-TABLE)
      "Thoracic and lumbar vertebra, open")
(SETF (GETHASH '"839.30" ICD9-HASH-TABLE) "Lumbar vertebra")
(SETF (GETHASH '"839.31" ICD9-HASH-TABLE) "Thoracic vertebra")
(SETF (GETHASH '"839.4" ICD9-HASH-TABLE) "Other vertebra, closed")
(SETF (GETHASH '"839.40" ICD9-HASH-TABLE) "Vertebra, unspecified site")
(SETF (GETHASH '"839.41" ICD9-HASH-TABLE) "Coccyx")
(SETF (GETHASH '"839.42" ICD9-HASH-TABLE) "Sacrum")
(SETF (GETHASH '"839.49" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"839.5" ICD9-HASH-TABLE) "Other vertebra, open")
(SETF (GETHASH '"839.50" ICD9-HASH-TABLE) "Vertebra, unspecified site")
(SETF (GETHASH '"839.51" ICD9-HASH-TABLE) "Coccyx")
(SETF (GETHASH '"839.52" ICD9-HASH-TABLE) "Sacrum")
(SETF (GETHASH '"839.59" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"839.6" ICD9-HASH-TABLE) "Other location, closed")
(SETF (GETHASH '"839.61" ICD9-HASH-TABLE) "Sternum")
(SETF (GETHASH '"839.69" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"839.7" ICD9-HASH-TABLE) "Other location, open")
(SETF (GETHASH '"839.71" ICD9-HASH-TABLE) "Sternum")
(SETF (GETHASH '"839.79" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"839.8" ICD9-HASH-TABLE)
      "Multiple and ill-defined, closed")
(SETF (GETHASH '"839.9" ICD9-HASH-TABLE)
      "Multiple and ill-defined, open")
(SETF (GETHASH '"840" ICD9-HASH-TABLE)
      "Sprains and strains of shoulder and upper arm")
(SETF (GETHASH '"840.0" ICD9-HASH-TABLE)
      "Acromioclavicular (joint) (ligament)")
(SETF (GETHASH '"840.1" ICD9-HASH-TABLE) "Coracoclavicular (ligament)")
(SETF (GETHASH '"840.2" ICD9-HASH-TABLE) "Coracohumeral (ligament)")
(SETF (GETHASH '"840.3" ICD9-HASH-TABLE)
      "Infraspinatus (muscle) (tendon)")
(SETF (GETHASH '"840.4" ICD9-HASH-TABLE) "Rotator cuff (capsule)")
(SETF (GETHASH '"840.5" ICD9-HASH-TABLE) "Subscapularis (muscle)")
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(SETF (GETHASH '"840.6" ICD9-HASH-TABLE)
      "Supraspinatus (muscle) (tendon)")
(SETF (GETHASH '"840.8" ICD9-HASH-TABLE)
      "Other specified sites of shoulder and upper arm")
(SETF (GETHASH '"840.9" ICD9-HASH-TABLE)
      "Unspecified site of shoulder and upper arm")
(SETF (GETHASH '"841" ICD9-HASH-TABLE)
      "Sprains and strains of elbow and forearm")
(SETF (GETHASH '"841.0" ICD9-HASH-TABLE) "Radial collateral ligament")
(SETF (GETHASH '"841.1" ICD9-HASH-TABLE) "Ulnar collateral ligament")
(SETF (GETHASH '"841.2" ICD9-HASH-TABLE) "Radiohumeral (joint)")
(SETF (GETHASH '"841.3" ICD9-HASH-TABLE) "Ulnohumeral (joint)")
(SETF (GETHASH '"841.8" ICD9-HASH-TABLE)
      "Other specified sites of elbow and forearm")
(SETF (GETHASH '"841.9" ICD9-HASH-TABLE)
      "Unspecified site of elbow and forearm")
(SETF (GETHASH '"842" ICD9-HASH-TABLE)
      "Sprains and strains of wrist and hand")
(SETF (GETHASH '"842.0" ICD9-HASH-TABLE) "Wrist")
(SETF (GETHASH '"842.00" ICD9-HASH-TABLE) "Unspecified site")
(SETF (GETHASH '"842.01" ICD9-HASH-TABLE) "Carpal (joint)")
(SETF (GETHASH '"842.02" ICD9-HASH-TABLE)
      "Radiocarpal (joint) (ligament)")
(SETF (GETHASH '"842.09" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"842.1" ICD9-HASH-TABLE) "Hand")
(SETF (GETHASH '"842.10" ICD9-HASH-TABLE) "Unspecified site")
(SETF (GETHASH '"842.11" ICD9-HASH-TABLE) "Carpometacarpal (joint)")
(SETF (GETHASH '"842.12" ICD9-HASH-TABLE) "Metacarpophalangeal (joint)")
(SETF (GETHASH '"842.13" ICD9-HASH-TABLE) "Interphalangeal (joint)")
(SETF (GETHASH '"842.19" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"843" ICD9-HASH-TABLE)
      "Sprains and strains of hip and thigh")
(SETF (GETHASH '"843.0" ICD9-HASH-TABLE) "Iliofemoral (ligament)")
(SETF (GETHASH '"843.1" ICD9-HASH-TABLE) "Ischiocapsular (ligament)")
(SETF (GETHASH '"843.8" ICD9-HASH-TABLE)
      "Other specified sites of hip and thigh")
(SETF (GETHASH '"843.9" ICD9-HASH-TABLE)
      "Unspecified site of hip and thigh")
(SETF (GETHASH '"844" ICD9-HASH-TABLE)
      "Sprains and strains of knee and leg")
(SETF (GETHASH '"844.0" ICD9-HASH-TABLE)
      "Lateral collateral ligament of knee")
(SETF (GETHASH '"844.1" ICD9-HASH-TABLE)
      "Medial collateral ligament of knee")
(SETF (GETHASH '"844.2" ICD9-HASH-TABLE) "Cruciate ligament of knee")
(SETF (GETHASH '"844.3" ICD9-HASH-TABLE)
      "Tibiofibular (joint) (ligament), superior")
(SETF (GETHASH '"844.8" ICD9-HASH-TABLE)
      "Other specified sites of knee and leg")
(SETF (GETHASH '"844.9" ICD9-HASH-TABLE)
      "Unspecified site of knee and leg")
(SETF (GETHASH '"845" ICD9-HASH-TABLE)
      "Sprains and strains of ankle and foot")
(SETF (GETHASH '"845.0" ICD9-HASH-TABLE) "Ankle")
(SETF (GETHASH '"845.00" ICD9-HASH-TABLE) "Unspecified site")
(SETF (GETHASH '"845.01" ICD9-HASH-TABLE) "Deltoid (ligament), ankle")
(SETF (GETHASH '"845.02" ICD9-HASH-TABLE) "Calcaneofibular (ligament)")
(SETF (GETHASH '"845.03" ICD9-HASH-TABLE)
      "Tibiofibular (ligament), distal")
(SETF (GETHASH '"845.09" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"845.1" ICD9-HASH-TABLE) "Foot")
(SETF (GETHASH '"845.10" ICD9-HASH-TABLE) "Unspecified site")
(SETF (GETHASH '"845.11" ICD9-HASH-TABLE)
      "Tarsometatarsal (joint) (ligament)")
(SETF (GETHASH '"845.12" ICD9-HASH-TABLE) "Metatarsophalangeal (joint)")
(SETF (GETHASH '"845.13" ICD9-HASH-TABLE) "Interphalangeal (joint), toe")
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(SETF (GETHASH '"845.19" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"846" ICD9-HASH-TABLE)
      "Sprains and strains of sacroiliac region")
(SETF (GETHASH '"846.0" ICD9-HASH-TABLE)
      "Lumbosacral (joint) (ligament)")
(SETF (GETHASH '"846.1" ICD9-HASH-TABLE) "Sacroiliac ligament")
(SETF (GETHASH '"846.2" ICD9-HASH-TABLE) "Sacrospinatus (ligament)")
(SETF (GETHASH '"846.3" ICD9-HASH-TABLE) "Sacrotuberous (ligament)")
(SETF (GETHASH '"846.8" ICD9-HASH-TABLE)
      "Other specified sites of sacroiliac region")
(SETF (GETHASH '"846.9" ICD9-HASH-TABLE)
      "Unspecified site of sacroiliac region")
(SETF (GETHASH '"847" ICD9-HASH-TABLE)
      "Sprains and strains of other and unspecified parts of back")
(SETF (GETHASH '"847.0" ICD9-HASH-TABLE) "Neck")
(SETF (GETHASH '"847.1" ICD9-HASH-TABLE) "Thoracic")
(SETF (GETHASH '"847.2" ICD9-HASH-TABLE) "Lumbar")
(SETF (GETHASH '"847.3" ICD9-HASH-TABLE) "Sacrum")
(SETF (GETHASH '"847.4" ICD9-HASH-TABLE) "Coccyx")
(SETF (GETHASH '"847.9" ICD9-HASH-TABLE) "Unspecified site of back")
(SETF (GETHASH '"848" ICD9-HASH-TABLE)
      "Other and ill-defined sprains and strains")
(SETF (GETHASH '"848.0" ICD9-HASH-TABLE) "Septal cartilage of nose")
(SETF (GETHASH '"848.1" ICD9-HASH-TABLE) "Jaw")
(SETF (GETHASH '"848.2" ICD9-HASH-TABLE) "Thyroid region")
(SETF (GETHASH '"848.3" ICD9-HASH-TABLE) "Ribs")
(SETF (GETHASH '"848.4" ICD9-HASH-TABLE) "Sternum")
(SETF (GETHASH '"848.40" ICD9-HASH-TABLE) "Unspecified site")
(SETF (GETHASH '"848.41" ICD9-HASH-TABLE)
      "Sternoclavicular (joint) (ligament)")
(SETF (GETHASH '"848.42" ICD9-HASH-TABLE) "Chondrosternal (joint)")
(SETF (GETHASH '"848.49" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"848.5" ICD9-HASH-TABLE) "Pelvis")
(SETF (GETHASH '"848.8" ICD9-HASH-TABLE)
      "Other specified sites of sprains and strains")
(SETF (GETHASH '"848.9" ICD9-HASH-TABLE)
      "Unspecified site of sprain and strain")
(SETF (GETHASH '"850" ICD9-HASH-TABLE) "Concussion")
(SETF (GETHASH '"850.0" ICD9-HASH-TABLE) "With no loss of consciousness")
(SETF (GETHASH '"850.1" ICD9-HASH-TABLE)
      "With brief loss of consciousness")
(SETF (GETHASH '"850.2" ICD9-HASH-TABLE)
      "With moderate loss of consciousness")
(SETF (GETHASH '"850.3" ICD9-HASH-TABLE)
      "With prolonged loss of consciousness and return to pre-existing conscious level")
(SETF (GETHASH '"850.4" ICD9-HASH-TABLE)
      "With prolonged loss of consousness, without return to pre-existing conscious level")
(SETF (GETHASH '"850.5" ICD9-HASH-TABLE)
      "With loss of consciousness of unspecified duration")
(SETF (GETHASH '"850.9" ICD9-HASH-TABLE) "Concussion, unspecified")
(SETF (GETHASH '"851" ICD9-HASH-TABLE)
      "Cerebral laceration and contusion")
(SETF (GETHASH '"851.0" ICD9-HASH-TABLE)
      "Cortex (cerebral) contusion without mention of open intracranial wound")
(SETF (GETHASH '"851.1" ICD9-HASH-TABLE)
      "Cortex (cerebral) contusion with open intracranial wound")
(SETF (GETHASH '"851.2" ICD9-HASH-TABLE)
      "Cortex (cerebral) laceration without mention of open intracranial wound")
(SETF (GETHASH '"851.3" ICD9-HASH-TABLE)
      "Cortex (cerebral) laceration with open intracranial wound")
(SETF (GETHASH '"851.4" ICD9-HASH-TABLE)
      "Cerebellar or brain stem contusion without mention of open intracranial wound")
(SETF (GETHASH '"851.5" ICD9-HASH-TABLE)
      "Cerebellar or brain stem contusion with open intracranial wound")
(SETF (GETHASH '"851.6" ICD9-HASH-TABLE)
      "Cerebellar or brain stem laceration without mention of open intracranial wound")
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(SETF (GETHASH '"851.7" ICD9-HASH-TABLE)
      "Cerebellar or brain stem laceration with open intracranial wound")
(SETF (GETHASH '"851.8" ICD9-HASH-TABLE)
      "Other and unspecified cerebral laceration and contusion, without mention of open intracranial wound")
(SETF (GETHASH '"851.9" ICD9-HASH-TABLE)
      "Other and unspecified cerebral laceration and contusion, with open intracranial wound")
(SETF (GETHASH '"852" ICD9-HASH-TABLE)
      "Subarachnoid, subdural, and extradural hemorrhage, following injury")
(SETF (GETHASH '"852.0" ICD9-HASH-TABLE)
      "Subarachnoid hemorrhage following injury without mention of open intracranial wound")
(SETF (GETHASH '"852.1" ICD9-HASH-TABLE)
      "Subarachnoid hemorrhage following injury with open intracranial wound")
(SETF (GETHASH '"852.2" ICD9-HASH-TABLE)
      "Subdural hemorrhage following injury without mention of open intracranial wound")
(SETF (GETHASH '"852.3" ICD9-HASH-TABLE)
      "Subdural hemorrhage following injury with open intracranial wound")
(SETF (GETHASH '"852.4" ICD9-HASH-TABLE)
      "Extradural hemorrhage following injury without mention of open intracranial wound")
(SETF (GETHASH '"852.5" ICD9-HASH-TABLE)
      "Extradural hemorrhage following injury with open intracranial wound")
(SETF (GETHASH '"853" ICD9-HASH-TABLE)
      "Other and unspecified intracranial hemorrhage following injury")
(SETF (GETHASH '"853.0" ICD9-HASH-TABLE)
      "Without mention of open intracranial wound")
(SETF (GETHASH '"853.1" ICD9-HASH-TABLE) "With open intracranial wound")
(SETF (GETHASH '"854" ICD9-HASH-TABLE)
      "Intracranial injury of other and unspecified nature")
(SETF (GETHASH '"854.0" ICD9-HASH-TABLE)
      "Without mention of open intracranial wound")
(SETF (GETHASH '"854.1" ICD9-HASH-TABLE) "With open intracranial wound")
(SETF (GETHASH '"860" ICD9-HASH-TABLE)
      "Traumatic pneumothorax and hemothorax")
(SETF (GETHASH '"860.0" ICD9-HASH-TABLE)
      "Pneumothorax without mention of open wound into thorax")
(SETF (GETHASH '"860.1" ICD9-HASH-TABLE)
      "Pneumothorax with open wound into thorax")
(SETF (GETHASH '"860.2" ICD9-HASH-TABLE)
      "Hemothorax without mention of open wound into thorax")
(SETF (GETHASH '"860.3" ICD9-HASH-TABLE)
      "Hemothorax with open wound into thorax")
(SETF (GETHASH '"860.4" ICD9-HASH-TABLE)
      "Pneumohemothorax without mention of open wound into thorax")
(SETF (GETHASH '"860.5" ICD9-HASH-TABLE)
      "Pneumohemothorax with open wound into thorax")
(SETF (GETHASH '"861" ICD9-HASH-TABLE) "Injury to heart and lung")
(SETF (GETHASH '"861.0" ICD9-HASH-TABLE)
      "Heart, without mention of open wound into thorax")
(SETF (GETHASH '"861.00" ICD9-HASH-TABLE) "Unspecified injury")
(SETF (GETHASH '"861.01" ICD9-HASH-TABLE) "Contusion")
(SETF (GETHASH '"861.02" ICD9-HASH-TABLE)
      "Laceration without penetration of heart chambers")
(SETF (GETHASH '"861.03" ICD9-HASH-TABLE)
      "Laceration with penetration of heart chambers")
(SETF (GETHASH '"861.1" ICD9-HASH-TABLE)
      "Heart, with open wound into thorax")
(SETF (GETHASH '"861.10" ICD9-HASH-TABLE) "Unspecified injury")
(SETF (GETHASH '"861.11" ICD9-HASH-TABLE) "Contusion")
(SETF (GETHASH '"861.12" ICD9-HASH-TABLE)
      "Laceration without penetration of heart chambers")
(SETF (GETHASH '"861.13" ICD9-HASH-TABLE)
      "Laceration with penetration of heart chambers")
(SETF (GETHASH '"861.2" ICD9-HASH-TABLE)
      "Lung, without mention of open wound into thorax")
(SETF (GETHASH '"861.20" ICD9-HASH-TABLE) "Unspecified injury")
(SETF (GETHASH '"861.21" ICD9-HASH-TABLE) "Contusion")
(SETF (GETHASH '"861.22" ICD9-HASH-TABLE) "Laceration")
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(SETF (GETHASH '"861.3" ICD9-HASH-TABLE)
      "Lung, with open wound into thorax")
(SETF (GETHASH '"861.30" ICD9-HASH-TABLE) "Unspecified injury")
(SETF (GETHASH '"861.31" ICD9-HASH-TABLE) "Contusion")
(SETF (GETHASH '"861.32" ICD9-HASH-TABLE) "Laceration")
(SETF (GETHASH '"862" ICD9-HASH-TABLE)
      "Injury to other and unspecified intrathoracic organs")
(SETF (GETHASH '"862.0" ICD9-HASH-TABLE)
      "Diaphragm, without mention of open wound into cavity")
(SETF (GETHASH '"862.1" ICD9-HASH-TABLE)
      "Diaphragm, with open wound into cavity")
(SETF (GETHASH '"862.2" ICD9-HASH-TABLE)
      "Other specified intrathoracic organs, without mention of open wound into cavity")
(SETF (GETHASH '"862.21" ICD9-HASH-TABLE) "Bronchus")
(SETF (GETHASH '"862.22" ICD9-HASH-TABLE) "Esophagus")
(SETF (GETHASH '"862.29" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"862.3" ICD9-HASH-TABLE)
      "Other specified intrathoracic organs, with open wound into cavity")
(SETF (GETHASH '"862.31" ICD9-HASH-TABLE) "Bronchus")
(SETF (GETHASH '"862.32" ICD9-HASH-TABLE) "Esophagus")
(SETF (GETHASH '"862.39" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"862.8" ICD9-HASH-TABLE)
      "Multiple and unspecified intrathoracic organs, without mention of open wound into cavity")
(SETF (GETHASH '"862.9" ICD9-HASH-TABLE)
      "Multiple and unspecified intrathoracic organs, with open wound into cavity")
(SETF (GETHASH '"863" ICD9-HASH-TABLE)
      "Injury to gastrointestinal tract")
(SETF (GETHASH '"863.0" ICD9-HASH-TABLE)
      "Stomach, without mention of open wound into cavity")
(SETF (GETHASH '"863.1" ICD9-HASH-TABLE)
      "Stomach, with open wound into cavity")
(SETF (GETHASH '"863.2" ICD9-HASH-TABLE)
      "Small intestine, without mention of open wound into cavity")
(SETF (GETHASH '"863.20" ICD9-HASH-TABLE)
      "Small intestine, unspecified site")
(SETF (GETHASH '"863.21" ICD9-HASH-TABLE) "Duodenum")
(SETF (GETHASH '"863.29" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"863.3" ICD9-HASH-TABLE)
      "Small intestine, with open wound into cavity")
(SETF (GETHASH '"863.30" ICD9-HASH-TABLE)
      "Small intestine, unspecified site")
(SETF (GETHASH '"863.31" ICD9-HASH-TABLE) "Duodenum")
(SETF (GETHASH '"863.39" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"863.4" ICD9-HASH-TABLE)
      "Colon or rectum, without mention of open wound into cavity")
(SETF (GETHASH '"863.40" ICD9-HASH-TABLE) "Colon, unspecified site")
(SETF (GETHASH '"863.41" ICD9-HASH-TABLE) "Ascending [right] colon")
(SETF (GETHASH '"863.42" ICD9-HASH-TABLE) "Transverse colon")
(SETF (GETHASH '"863.43" ICD9-HASH-TABLE) "Descending [left] colon")
(SETF (GETHASH '"863.44" ICD9-HASH-TABLE) "Sigmoid colon")
(SETF (GETHASH '"863.45" ICD9-HASH-TABLE) "Rectum")
(SETF (GETHASH '"863.46" ICD9-HASH-TABLE)
      "Multiple sites in colon and rectum")
(SETF (GETHASH '"863.49" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"863.5" ICD9-HASH-TABLE)
      "Colon or rectum, with open wound into cavity")
(SETF (GETHASH '"863.50" ICD9-HASH-TABLE) "Colon, unspecified site")
(SETF (GETHASH '"863.51" ICD9-HASH-TABLE) "Ascending [right] colon")
(SETF (GETHASH '"863.52" ICD9-HASH-TABLE) "Transverse colon")
(SETF (GETHASH '"863.53" ICD9-HASH-TABLE) "Descending [left] colon")
(SETF (GETHASH '"863.54" ICD9-HASH-TABLE) "Sigmoid colon")
(SETF (GETHASH '"863.55" ICD9-HASH-TABLE) "Rectum")
(SETF (GETHASH '"863.56" ICD9-HASH-TABLE)
      "Multiple sites in colon and rectum")
(SETF (GETHASH '"863.59" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"863.8" ICD9-HASH-TABLE)
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      "Other and unspecified gastrointestinal sites, without mention of open wound into cavity")
(SETF (GETHASH '"863.80" ICD9-HASH-TABLE)
      "Gastrointestinal tract, unspecified site")
(SETF (GETHASH '"863.81" ICD9-HASH-TABLE) "Pancreas, head")
(SETF (GETHASH '"863.82" ICD9-HASH-TABLE) "Pancreas, body")
(SETF (GETHASH '"863.83" ICD9-HASH-TABLE) "Pancreas, tail")
(SETF (GETHASH '"863.84" ICD9-HASH-TABLE)
      "Pancreas, multiple and unspecified sites")
(SETF (GETHASH '"863.85" ICD9-HASH-TABLE) "Appendix")
(SETF (GETHASH '"863.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"863.9" ICD9-HASH-TABLE)
      "Other and unspecified gastrointestinal sites, with open wound into cavity")
(SETF (GETHASH '"863.90" ICD9-HASH-TABLE)
      "Gastrointestinal tract, unspecified site")
(SETF (GETHASH '"863.91" ICD9-HASH-TABLE) "Pancreas, head")
(SETF (GETHASH '"863.92" ICD9-HASH-TABLE) "Pancreas, body")
(SETF (GETHASH '"863.93" ICD9-HASH-TABLE) "Pancreas, tail")
(SETF (GETHASH '"863.94" ICD9-HASH-TABLE)
      "Pancreas, multiple and unspecified sites")
(SETF (GETHASH '"863.95" ICD9-HASH-TABLE) "Appendix")
(SETF (GETHASH '"863.99" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"864" ICD9-HASH-TABLE) "Injury to liver")
(SETF (GETHASH '"864.0" ICD9-HASH-TABLE)
      "Without mention of open wound into cavity")
(SETF (GETHASH '"864.1" ICD9-HASH-TABLE) "With open wound into cavity")
(SETF (GETHASH '"865" ICD9-HASH-TABLE) "Injury to spleen")
(SETF (GETHASH '"865.0" ICD9-HASH-TABLE)
      "Without mention of open wound into cavity")
(SETF (GETHASH '"865.1" ICD9-HASH-TABLE) "With open wound into cavity")
(SETF (GETHASH '"866" ICD9-HASH-TABLE) "Injury to kidney")
(SETF (GETHASH '"866.0" ICD9-HASH-TABLE)
      "Without mention of open wound into cavity")
(SETF (GETHASH '"866.1" ICD9-HASH-TABLE) "With open wound into cavity")
(SETF (GETHASH '"867" ICD9-HASH-TABLE) "Injury to pelvic organs")
(SETF (GETHASH '"867.0" ICD9-HASH-TABLE)
      "Bladder and urethra, without mention of open wound into cavity")
(SETF (GETHASH '"867.1" ICD9-HASH-TABLE)
      "Bladder and urethra, with open wound into cavity")
(SETF (GETHASH '"867.2" ICD9-HASH-TABLE)
      "Ureter, without mention of open wound into cavity")
(SETF (GETHASH '"867.3" ICD9-HASH-TABLE)
      "Ureter, with open wound into cavity")
(SETF (GETHASH '"867.4" ICD9-HASH-TABLE)
      "Uterus, without mention of open wound into cavity")
(SETF (GETHASH '"867.5" ICD9-HASH-TABLE)
      "Uterus, with open wound into cavity")
(SETF (GETHASH '"867.6" ICD9-HASH-TABLE)
      "Other specified pelvic organs, without mention of open wound into cavity")
(SETF (GETHASH '"867.7" ICD9-HASH-TABLE)
      "Other specified pelvic organs, with open wound into cavity")
(SETF (GETHASH '"867.8" ICD9-HASH-TABLE)
      "Unspecified pelvic organ, without mention of open wound into cavity")
(SETF (GETHASH '"867.9" ICD9-HASH-TABLE)
      "Unspecified pelvic organ, with open wound into cavity")
(SETF (GETHASH '"868" ICD9-HASH-TABLE)
      "Injury to other intra-abdominal organs")
(SETF (GETHASH '"868.0" ICD9-HASH-TABLE)
      "Without mention of open wound into cavity")
(SETF (GETHASH '"868.1" ICD9-HASH-TABLE) "With open wound into cavity")
(SETF (GETHASH '"869" ICD9-HASH-TABLE)
      "Internal injury to unspecified or ill-defined organs")
(SETF (GETHASH '"869.0" ICD9-HASH-TABLE)
      "Without mention of open wound into cavity")
(SETF (GETHASH '"869.1" ICD9-HASH-TABLE) "With open wound into cavity")
(SETF (GETHASH '"OPEN WOUND OF HEAD, NECK, AND TRUNK (870-879)"
               ICD9-HASH-TABLE)
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      "")
(SETF (GETHASH '"870" ICD9-HASH-TABLE) "Open wound of ocular adnexa")
(SETF (GETHASH '"870.0" ICD9-HASH-TABLE)
      "Laceration of skin of eyelid and periocular area")
(SETF (GETHASH '"870.1" ICD9-HASH-TABLE)
      "Laceration of eyelid, full-thickness, not involving lacrimal passages")
(SETF (GETHASH '"870.2" ICD9-HASH-TABLE)
      "Laceration of eyelid involving lacrimal passages")
(SETF (GETHASH '"870.3" ICD9-HASH-TABLE)
      "Penetrating wound of orbit, without mention of foreign body")
(SETF (GETHASH '"870.4" ICD9-HASH-TABLE)
      "Penetrating wound of orbit with foreign body")
(SETF (GETHASH '"870.8" ICD9-HASH-TABLE)
      "Other specified open wounds of ocular adnexa")
(SETF (GETHASH '"870.9" ICD9-HASH-TABLE)
      "Unspecified open wound of ocular adnexa")
(SETF (GETHASH '"871" ICD9-HASH-TABLE) "Open wound of eyeball")
(SETF (GETHASH '"871.0" ICD9-HASH-TABLE)
      "Ocular laceration without prolapse of intraocular tissue")
(SETF (GETHASH '"871.1" ICD9-HASH-TABLE)
      "Ocular laceration with prolapse or exposure of intraocular tissue")
(SETF (GETHASH '"871.2" ICD9-HASH-TABLE)
      "Rupture of eye with partial loss of intraocular tissue")
(SETF (GETHASH '"871.3" ICD9-HASH-TABLE) "Avulsion of eye")
(SETF (GETHASH '"871.4" ICD9-HASH-TABLE) "Unspecified laceration of eye")
(SETF (GETHASH '"871.5" ICD9-HASH-TABLE)
      "Penetration of eyeball with magnetic foreign body")
(SETF (GETHASH '"871.6" ICD9-HASH-TABLE)
      "Penetration of eyeball with (nonmagnetic) foreign body")
(SETF (GETHASH '"871.7" ICD9-HASH-TABLE)
      "Unspecified ocular penetration")
(SETF (GETHASH '"871.9" ICD9-HASH-TABLE)
      "Unspecified open wound of eyeball")
(SETF (GETHASH '"872" ICD9-HASH-TABLE) "Open wound of ear")
(SETF (GETHASH '"872.0" ICD9-HASH-TABLE)
      "External ear, without mention of complication")
(SETF (GETHASH '"872.00" ICD9-HASH-TABLE)
      "External ear, unspecified site")
(SETF (GETHASH '"872.01" ICD9-HASH-TABLE) "Auricle, ear")
(SETF (GETHASH '"872.02" ICD9-HASH-TABLE) "Auditory canal")
(SETF (GETHASH '"872.1" ICD9-HASH-TABLE) "External ear, complicated")
(SETF (GETHASH '"872.10" ICD9-HASH-TABLE)
      "External ear, unspecified site")
(SETF (GETHASH '"872.11" ICD9-HASH-TABLE) "Auricle, ear")
(SETF (GETHASH '"872.12" ICD9-HASH-TABLE) "Auditory canal")
(SETF (GETHASH '"872.6" ICD9-HASH-TABLE)
      "Other specified parts of ear, without mention of complication")
(SETF (GETHASH '"872.61" ICD9-HASH-TABLE) "Ear drum")
(SETF (GETHASH '"872.62" ICD9-HASH-TABLE) "Ossicles")
(SETF (GETHASH '"872.63" ICD9-HASH-TABLE) "Eustachian tube")
(SETF (GETHASH '"872.64" ICD9-HASH-TABLE) "Cochlea")
(SETF (GETHASH '"872.69" ICD9-HASH-TABLE) "Other and multiple sites")
(SETF (GETHASH '"872.7" ICD9-HASH-TABLE)
      "Other specified parts of ear, complicated")
(SETF (GETHASH '"872.71" ICD9-HASH-TABLE) "Ear drum")
(SETF (GETHASH '"872.72" ICD9-HASH-TABLE) "Ossicles")
(SETF (GETHASH '"872.73" ICD9-HASH-TABLE) "Eustachian tube")
(SETF (GETHASH '"872.74" ICD9-HASH-TABLE) "Cochlea")
(SETF (GETHASH '"872.79" ICD9-HASH-TABLE) "Other and multiple sites")
(SETF (GETHASH '"872.8" ICD9-HASH-TABLE)
      "Ear, part unspecified, without mention of complication")
(SETF (GETHASH '"872.9" ICD9-HASH-TABLE)
      "Ear, part unspecified, complicated")
(SETF (GETHASH '"873" ICD9-HASH-TABLE) "Other open wound of head")
(SETF (GETHASH '"873.0" ICD9-HASH-TABLE)
      "Scalp, without mention of complication")
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(SETF (GETHASH '"873.1" ICD9-HASH-TABLE) "Scalp, complicated")
(SETF (GETHASH '"873.2" ICD9-HASH-TABLE)
      "Nose, without mention of complication")
(SETF (GETHASH '"873.20" ICD9-HASH-TABLE) "Nose, unspecified site")
(SETF (GETHASH '"873.21" ICD9-HASH-TABLE) "Nasal septum")
(SETF (GETHASH '"873.22" ICD9-HASH-TABLE) "Nasal cavity")
(SETF (GETHASH '"873.23" ICD9-HASH-TABLE) "Nasal sinus")
(SETF (GETHASH '"873.29" ICD9-HASH-TABLE) "Multiple sites")
(SETF (GETHASH '"873.3" ICD9-HASH-TABLE) "Nose, complicated")
(SETF (GETHASH '"873.30" ICD9-HASH-TABLE) "Nose, unspecified site")
(SETF (GETHASH '"873.31" ICD9-HASH-TABLE) "Nasal septum")
(SETF (GETHASH '"873.32" ICD9-HASH-TABLE) "Nasal cavity")
(SETF (GETHASH '"873.33" ICD9-HASH-TABLE) "Nasal sinus")
(SETF (GETHASH '"873.39" ICD9-HASH-TABLE) "Multiple sites")
(SETF (GETHASH '"873.4" ICD9-HASH-TABLE)
      "Face, without mention of complication")
(SETF (GETHASH '"873.40" ICD9-HASH-TABLE) "Face, unspecified site")
(SETF (GETHASH '"873.41" ICD9-HASH-TABLE) "Cheek")
(SETF (GETHASH '"873.42" ICD9-HASH-TABLE) "Forehead")
(SETF (GETHASH '"873.43" ICD9-HASH-TABLE) "Lip")
(SETF (GETHASH '"873.44" ICD9-HASH-TABLE) "Jaw")
(SETF (GETHASH '"873.49" ICD9-HASH-TABLE) "Other and multiple sites")
(SETF (GETHASH '"873.5" ICD9-HASH-TABLE) "Face, complicated")
(SETF (GETHASH '"873.50" ICD9-HASH-TABLE) "Face, unspecified site")
(SETF (GETHASH '"873.51" ICD9-HASH-TABLE) "Cheek")
(SETF (GETHASH '"873.52" ICD9-HASH-TABLE) "Forehead")
(SETF (GETHASH '"873.53" ICD9-HASH-TABLE) "Lip")
(SETF (GETHASH '"873.54" ICD9-HASH-TABLE) "Jaw")
(SETF (GETHASH '"873.59" ICD9-HASH-TABLE) "Other and multiple sites")
(SETF (GETHASH '"873.6" ICD9-HASH-TABLE)
      "Internal structures of mouth, without mention of complication")
(SETF (GETHASH '"873.60" ICD9-HASH-TABLE) "Mouth, unspecified site")
(SETF (GETHASH '"873.61" ICD9-HASH-TABLE) "Buccal mucosa")
(SETF (GETHASH '"873.62" ICD9-HASH-TABLE) "Gum (alveolar process)")
(SETF (GETHASH '"873.63" ICD9-HASH-TABLE) "Tooth (broken)")
(SETF (GETHASH '"873.64" ICD9-HASH-TABLE) "Tongue and floor of mouth")
(SETF (GETHASH '"873.65" ICD9-HASH-TABLE) "Palate")
(SETF (GETHASH '"873.69" ICD9-HASH-TABLE) "Other and multiple sites")
(SETF (GETHASH '"873.7" ICD9-HASH-TABLE)
      "Internal structures of mouth, complicated")
(SETF (GETHASH '"873.70" ICD9-HASH-TABLE) "Mouth, unspecified site")
(SETF (GETHASH '"873.71" ICD9-HASH-TABLE) "Buccal mucosa")
(SETF (GETHASH '"873.72" ICD9-HASH-TABLE) "Gum (alveolar process)")
(SETF (GETHASH '"873.73" ICD9-HASH-TABLE) "Tooth (broken)")
(SETF (GETHASH '"873.74" ICD9-HASH-TABLE) "Tongue and floor of mouth")
(SETF (GETHASH '"873.75" ICD9-HASH-TABLE) "Palate")
(SETF (GETHASH '"873.79" ICD9-HASH-TABLE) "Other and multiple sites")
(SETF (GETHASH '"873.8" ICD9-HASH-TABLE)
      "Other and unspecified open wound of head without mention of complication")
(SETF (GETHASH '"873.9" ICD9-HASH-TABLE)
      "Other and unspecified open wound of head, complicated")
(SETF (GETHASH '"874" ICD9-HASH-TABLE) "Open wound of neck")
(SETF (GETHASH '"874.0" ICD9-HASH-TABLE)
      "Larynx and trachea, without mention of complication")
(SETF (GETHASH '"874.00" ICD9-HASH-TABLE) "Larynx with trachea")
(SETF (GETHASH '"874.01" ICD9-HASH-TABLE) "Larynx")
(SETF (GETHASH '"874.02" ICD9-HASH-TABLE) "Trachea")
(SETF (GETHASH '"874.1" ICD9-HASH-TABLE)
      "Larynx and trachea, complicated")
(SETF (GETHASH '"874.10" ICD9-HASH-TABLE) "Larynx with trachea")
(SETF (GETHASH '"874.11" ICD9-HASH-TABLE) "Larynx")
(SETF (GETHASH '"874.12" ICD9-HASH-TABLE) "Trachea")
(SETF (GETHASH '"874.2" ICD9-HASH-TABLE)
      "Thyroid gland, without mention of complication")
(SETF (GETHASH '"874.3" ICD9-HASH-TABLE) "Thyroid gland, complicated")
(SETF (GETHASH '"874.4" ICD9-HASH-TABLE)
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      "Pharynx, without mention of complication")
(SETF (GETHASH '"874.5" ICD9-HASH-TABLE) "Pharynx, complicated")
(SETF (GETHASH '"874.8" ICD9-HASH-TABLE)
      "Other and unspecified parts, without mention of complication")
(SETF (GETHASH '"874.9" ICD9-HASH-TABLE)
      "Other and unspecified parts, complicated")
(SETF (GETHASH '"875" ICD9-HASH-TABLE) "Open wound of chest (wall)")
(SETF (GETHASH '"875.0" ICD9-HASH-TABLE)
      "Without mention of complication")
(SETF (GETHASH '"875.1" ICD9-HASH-TABLE) "Complicated")
(SETF (GETHASH '"876" ICD9-HASH-TABLE) "Open wound of back")
(SETF (GETHASH '"876.0" ICD9-HASH-TABLE)
      "Without mention of complication")
(SETF (GETHASH '"876.1" ICD9-HASH-TABLE) "Complicated")
(SETF (GETHASH '"877" ICD9-HASH-TABLE) "Open wound of buttock")
(SETF (GETHASH '"877.0" ICD9-HASH-TABLE)
      "Without mention of complication")
(SETF (GETHASH '"877.1" ICD9-HASH-TABLE) "Complicated")
(SETF (GETHASH '"878" ICD9-HASH-TABLE)
      "Open wound of genital organs (external), including traumatic amputation")
(SETF (GETHASH '"878.0" ICD9-HASH-TABLE)
      "Penis, without mention of complication")
(SETF (GETHASH '"878.1" ICD9-HASH-TABLE) "Penis, complicated")
(SETF (GETHASH '"878.2" ICD9-HASH-TABLE)
      "Scrotum and testes, without mention of complication")
(SETF (GETHASH '"878.3" ICD9-HASH-TABLE)
      "Scrotum and testes, complicated")
(SETF (GETHASH '"878.4" ICD9-HASH-TABLE)
      "Vulva, without mention of complication")
(SETF (GETHASH '"878.5" ICD9-HASH-TABLE) "Vulva, complicated")
(SETF (GETHASH '"878.6" ICD9-HASH-TABLE)
      "Vagina, without mention of complication")
(SETF (GETHASH '"878.7" ICD9-HASH-TABLE) "Vagina, complicated")
(SETF (GETHASH '"878.8" ICD9-HASH-TABLE)
      "Other and unspecified parts, without mention of complication")
(SETF (GETHASH '"878.9" ICD9-HASH-TABLE)
      "Other and unspecified parts, complicated")
(SETF (GETHASH '"879" ICD9-HASH-TABLE)
      "Open wound of other and unspecified sites, except limbs")
(SETF (GETHASH '"879.0" ICD9-HASH-TABLE)
      "Breast, without mention of complication")
(SETF (GETHASH '"879.1" ICD9-HASH-TABLE) "Breast, complicated")
(SETF (GETHASH '"879.2" ICD9-HASH-TABLE)
      "Abdominal wall, anterior, without mention of complication")
(SETF (GETHASH '"879.3" ICD9-HASH-TABLE)
      "Abdominal wall, anterior, complicated")
(SETF (GETHASH '"879.4" ICD9-HASH-TABLE)
      "Abdominal wall, lateral, without mention of complication")
(SETF (GETHASH '"879.5" ICD9-HASH-TABLE)
      "Abdominal wall, lateral, complicated")
(SETF (GETHASH '"879.6" ICD9-HASH-TABLE)
      "Other and unspecified parts of trunk, without mention of complication")
(SETF (GETHASH '"879.7" ICD9-HASH-TABLE)
      "Other and unspecified parts of trunk, complicated")
(SETF (GETHASH '"879.8" ICD9-HASH-TABLE)
      "Open wound(s) (multiple) of unspecified site(s) without mention of complication")
(SETF (GETHASH '"879.9" ICD9-HASH-TABLE)
      "Open wound(s) (multiple) of unspecified site(s), complicated")
(SETF (GETHASH '"OPEN WOUND OF UPPER LIMB (880-887)" ICD9-HASH-TABLE) "")
(SETF (GETHASH '"880" ICD9-HASH-TABLE)
      "Open wound of shoulder and upper arm")
(SETF (GETHASH '"880.0" ICD9-HASH-TABLE)
      "Without mention of complication")
(SETF (GETHASH '"880.1" ICD9-HASH-TABLE) "Complicated")
(SETF (GETHASH '"880.2" ICD9-HASH-TABLE) "With tendon involvement")
(SETF (GETHASH '"881" ICD9-HASH-TABLE)
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      "Open wound of elbow, forearm, and wrist")
(SETF (GETHASH '"881.0" ICD9-HASH-TABLE)
      "Without mention of complication")
(SETF (GETHASH '"881.1" ICD9-HASH-TABLE) "Complicated")
(SETF (GETHASH '"881.2" ICD9-HASH-TABLE) "With tendon involvement")
(SETF (GETHASH '"882" ICD9-HASH-TABLE)
      "Open wound of hand except finger(s) alone")
(SETF (GETHASH '"882.0" ICD9-HASH-TABLE)
      "Without mention of complication")
(SETF (GETHASH '"882.1" ICD9-HASH-TABLE) "Complicated")
(SETF (GETHASH '"882.2" ICD9-HASH-TABLE) "With tendon involvement")
(SETF (GETHASH '"883" ICD9-HASH-TABLE) "Open wound of finger(s)")
(SETF (GETHASH '"883.0" ICD9-HASH-TABLE)
      "Without mention of complication")
(SETF (GETHASH '"883.1" ICD9-HASH-TABLE) "Complicated")
(SETF (GETHASH '"883.2" ICD9-HASH-TABLE) "With tendon involvement")
(SETF (GETHASH '"884" ICD9-HASH-TABLE)
      "Multiple and unspecified open wound of upper limb")
(SETF (GETHASH '"884.0" ICD9-HASH-TABLE)
      "Without mention of complication")
(SETF (GETHASH '"884.1" ICD9-HASH-TABLE) "Complicated")
(SETF (GETHASH '"884.2" ICD9-HASH-TABLE) "With tendon involvement")
(SETF (GETHASH '"885" ICD9-HASH-TABLE)
      "Traumatic amputation of thumb (complete) (partial)")
(SETF (GETHASH '"885.0" ICD9-HASH-TABLE)
      "Without mention of complication")
(SETF (GETHASH '"885.1" ICD9-HASH-TABLE) "Complicated")
(SETF (GETHASH '"886" ICD9-HASH-TABLE)
      "Traumatic amputation of other finger(s) (complete) (partial)")
(SETF (GETHASH '"886.0" ICD9-HASH-TABLE)
      "Without mention of complication")
(SETF (GETHASH '"886.1" ICD9-HASH-TABLE) "Complicated")
(SETF (GETHASH '"887" ICD9-HASH-TABLE)
      "Traumatic amputation of arm and hand (complete) (partial)")
(SETF (GETHASH '"887.0" ICD9-HASH-TABLE)
      "Unilateral, below elbow, without mention of complication")
(SETF (GETHASH '"887.1" ICD9-HASH-TABLE)
      "Unilateral, below elbow, complicated")
(SETF (GETHASH '"887.2" ICD9-HASH-TABLE)
      "Unilateral, at or above elbow, without mention of complication")
(SETF (GETHASH '"887.3" ICD9-HASH-TABLE)
      "Unilateral, at or above elbow, complicated")
(SETF (GETHASH '"887.4" ICD9-HASH-TABLE)
      "Unilateral, level not specified, without mention of complication")
(SETF (GETHASH '"887.5" ICD9-HASH-TABLE)
      "Unilateral, level not specified, complicated")
(SETF (GETHASH '"887.6" ICD9-HASH-TABLE)
      "Bilateral [any level], without mention of complication")
(SETF (GETHASH '"887.7" ICD9-HASH-TABLE)
      "Bilateral [any level], complicated")
(SETF (GETHASH '"OPEN WOUND OF LOWER LIMB (890-897)" ICD9-HASH-TABLE) "")
(SETF (GETHASH '"890" ICD9-HASH-TABLE) "Open wound of hip and thigh")
(SETF (GETHASH '"890.0" ICD9-HASH-TABLE)
      "Without mention of complication")
(SETF (GETHASH '"890.1" ICD9-HASH-TABLE) "Complicated")
(SETF (GETHASH '"890.2" ICD9-HASH-TABLE) "With tendon involvement")
(SETF (GETHASH '"891" ICD9-HASH-TABLE)
      "Open wound of knee, leg [except thigh], and ankle")
(SETF (GETHASH '"891.0" ICD9-HASH-TABLE)
      "Without mention of complication")
(SETF (GETHASH '"891.1" ICD9-HASH-TABLE) "Complicated")
(SETF (GETHASH '"891.2" ICD9-HASH-TABLE) "With tendon involvement")
(SETF (GETHASH '"892" ICD9-HASH-TABLE)
      "Open wound of foot except toe(s) alone")
(SETF (GETHASH '"892.0" ICD9-HASH-TABLE)
      "Without mention of complication")
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(SETF (GETHASH '"892.1" ICD9-HASH-TABLE) "Complicated")
(SETF (GETHASH '"892.2" ICD9-HASH-TABLE) "With tendon involvement")
(SETF (GETHASH '"893" ICD9-HASH-TABLE) "Open wound of toe(s)")
(SETF (GETHASH '"893.0" ICD9-HASH-TABLE)
      "Without mention of complication")
(SETF (GETHASH '"893.1" ICD9-HASH-TABLE) "Complicated")
(SETF (GETHASH '"893.2" ICD9-HASH-TABLE) "With tendon involvement")
(SETF (GETHASH '"894" ICD9-HASH-TABLE)
      "Multiple and unspecified open wound of lower limb")
(SETF (GETHASH '"894.0" ICD9-HASH-TABLE)
      "Without mention of complication")
(SETF (GETHASH '"894.1" ICD9-HASH-TABLE) "Complicated")
(SETF (GETHASH '"894.2" ICD9-HASH-TABLE) "With tendon involvement")
(SETF (GETHASH '"895" ICD9-HASH-TABLE)
      "Traumatic amputation of toe(s) (complete) (partial)")
(SETF (GETHASH '"895.0" ICD9-HASH-TABLE)
      "Without mention of complication")
(SETF (GETHASH '"895.1" ICD9-HASH-TABLE) "Complicated")
(SETF (GETHASH '"896" ICD9-HASH-TABLE)
      "Traumatic amputation of foot (complete) (partial)")
(SETF (GETHASH '"896.0" ICD9-HASH-TABLE)
      "Unilateral, without mention of complication")
(SETF (GETHASH '"896.1" ICD9-HASH-TABLE) "Unilateral, complicated")
(SETF (GETHASH '"896.2" ICD9-HASH-TABLE)
      "Bilateral, without mention of complication")
(SETF (GETHASH '"896.3" ICD9-HASH-TABLE) "Bilateral, complicated")
(SETF (GETHASH '"897" ICD9-HASH-TABLE)
      "Traumatic amputation of leg(s) (complete) (partial)")
(SETF (GETHASH '"897.0" ICD9-HASH-TABLE)
      "Unilateral, below knee, without mention of complication")
(SETF (GETHASH '"897.1" ICD9-HASH-TABLE)
      "Unilateral, below knee, complicated")
(SETF (GETHASH '"897.2" ICD9-HASH-TABLE)
      "Unilateral, at or above knee, without mention of complication")
(SETF (GETHASH '"897.3" ICD9-HASH-TABLE)
      "Unilateral, at or above knee, complicated")
(SETF (GETHASH '"897.4" ICD9-HASH-TABLE)
      "Unilateral, level not specified, without mention of complication")
(SETF (GETHASH '"897.5" ICD9-HASH-TABLE)
      "Unilateral, level not specified, complicated")
(SETF (GETHASH '"897.6" ICD9-HASH-TABLE)
      "Bilateral [any level], without mention of complication")
(SETF (GETHASH '"897.7" ICD9-HASH-TABLE)
      "Bilateral [any level], complicated")
(SETF (GETHASH '"900" ICD9-HASH-TABLE)
      "Injury to blood vessels of head and neck")
(SETF (GETHASH '"900.0" ICD9-HASH-TABLE) "Carotid artery")
(SETF (GETHASH '"900.00" ICD9-HASH-TABLE) "Carotid artery, unspecified")
(SETF (GETHASH '"900.01" ICD9-HASH-TABLE) "Common carotid artery")
(SETF (GETHASH '"900.02" ICD9-HASH-TABLE) "External carotid artery")
(SETF (GETHASH '"900.03" ICD9-HASH-TABLE) "Internal carotid artery")
(SETF (GETHASH '"900.1" ICD9-HASH-TABLE) "Internal jugular vein")
(SETF (GETHASH '"900.8" ICD9-HASH-TABLE)
      "Other specified blood vessels of head and neck")
(SETF (GETHASH '"900.81" ICD9-HASH-TABLE) "External jugular vein")
(SETF (GETHASH '"900.82" ICD9-HASH-TABLE)
      "Multiple blood vessels of head and neck")
(SETF (GETHASH '"900.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"900.9" ICD9-HASH-TABLE)
      "Unspecified bloodvessel of head and neck")
(SETF (GETHASH '"901" ICD9-HASH-TABLE)
      "Injury to blood vessels of thorax")
(SETF (GETHASH '"901.0" ICD9-HASH-TABLE) "Thoracic aorta")
(SETF (GETHASH '"901.1" ICD9-HASH-TABLE)
      "Innominate and subclavian arteries")
(SETF (GETHASH '"901.2" ICD9-HASH-TABLE) "Superior vena cava")
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(SETF (GETHASH '"901.3" ICD9-HASH-TABLE)
      "Innominate and subclavian veins")
(SETF (GETHASH '"901.4" ICD9-HASH-TABLE) "Pulmonary blood vessels")
(SETF (GETHASH '"901.40" ICD9-HASH-TABLE)
      "Pulmonary vessel(s), unspecified")
(SETF (GETHASH '"901.41" ICD9-HASH-TABLE) "Pulmonary artery")
(SETF (GETHASH '"901.42" ICD9-HASH-TABLE) "Pulmonary vein")
(SETF (GETHASH '"901.8" ICD9-HASH-TABLE)
      "Other specified blood vessels of thorax")
(SETF (GETHASH '"901.81" ICD9-HASH-TABLE) "Intercostal artery or vein")
(SETF (GETHASH '"901.82" ICD9-HASH-TABLE)
      "Internal mammary artery or vein")
(SETF (GETHASH '"901.83" ICD9-HASH-TABLE)
      "Multiple blood vessels of thorax")
(SETF (GETHASH '"901.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"901.9" ICD9-HASH-TABLE)
      "Unspecified blood vessel of thorax")
(SETF (GETHASH '"902" ICD9-HASH-TABLE)
      "Injury to blood vessels of abdomen and pelvis")
(SETF (GETHASH '"902.0" ICD9-HASH-TABLE) "Abdominal aorta")
(SETF (GETHASH '"902.1" ICD9-HASH-TABLE) "Inferior vena cava")
(SETF (GETHASH '"902.10" ICD9-HASH-TABLE)
      "Inferior vena cava, unspecified")
(SETF (GETHASH '"902.11" ICD9-HASH-TABLE) "Hepatic veins")
(SETF (GETHASH '"902.19" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"902.2" ICD9-HASH-TABLE)
      "Celiac and mesenteric arteries")
(SETF (GETHASH '"902.20" ICD9-HASH-TABLE)
      "Celiac and mesenteric arteries, unspecified")
(SETF (GETHASH '"902.21" ICD9-HASH-TABLE) "Gastric artery")
(SETF (GETHASH '"902.22" ICD9-HASH-TABLE) "Hepatic artery")
(SETF (GETHASH '"902.23" ICD9-HASH-TABLE) "Splenic artery")
(SETF (GETHASH '"902.24" ICD9-HASH-TABLE)
      "Other specified branches of celiac axis")
(SETF (GETHASH '"902.25" ICD9-HASH-TABLE)
      "Superior mesenteric artery (trunk)")
(SETF (GETHASH '"902.26" ICD9-HASH-TABLE)
      "Primary branches of superior mesenteric artery")
(SETF (GETHASH '"902.27" ICD9-HASH-TABLE) "Inferior mesenteric artery")
(SETF (GETHASH '"902.29" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"902.3" ICD9-HASH-TABLE) "Portal and splenic veins")
(SETF (GETHASH '"902.31" ICD9-HASH-TABLE)
      "Superior mesenteric vein and primary subdivisions")
(SETF (GETHASH '"902.32" ICD9-HASH-TABLE) "Inferior mesenteric vein")
(SETF (GETHASH '"902.33" ICD9-HASH-TABLE) "Portal vein")
(SETF (GETHASH '"902.34" ICD9-HASH-TABLE) "Splenic vein")
(SETF (GETHASH '"902.39" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"902.4" ICD9-HASH-TABLE) "Renal blood vessels")
(SETF (GETHASH '"902.40" ICD9-HASH-TABLE) "Renal vessel(s), unspecified")
(SETF (GETHASH '"902.41" ICD9-HASH-TABLE) "Renal artery")
(SETF (GETHASH '"902.42" ICD9-HASH-TABLE) "Renal vein")
(SETF (GETHASH '"902.49" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"902.5" ICD9-HASH-TABLE) "Iliac blood vessels")
(SETF (GETHASH '"902.50" ICD9-HASH-TABLE) "Iliac vessel(s), unspecified")
(SETF (GETHASH '"902.51" ICD9-HASH-TABLE) "Hypogastric artery")
(SETF (GETHASH '"902.52" ICD9-HASH-TABLE) "Hypogastric vein")
(SETF (GETHASH '"902.53" ICD9-HASH-TABLE) "Iliac artery")
(SETF (GETHASH '"902.54" ICD9-HASH-TABLE) "Iliac vein")
(SETF (GETHASH '"902.55" ICD9-HASH-TABLE) "Uterine artery")
(SETF (GETHASH '"902.56" ICD9-HASH-TABLE) "Uterine vein")
(SETF (GETHASH '"902.59" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"902.8" ICD9-HASH-TABLE)
      "Other specified blood vessels of abdomen and pelvis")
(SETF (GETHASH '"902.81" ICD9-HASH-TABLE) "Ovarian artery")
(SETF (GETHASH '"902.82" ICD9-HASH-TABLE) "Ovarian vein")
(SETF (GETHASH '"902.87" ICD9-HASH-TABLE)
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      "Multiple blood vessels of abdomen and pelvis")
(SETF (GETHASH '"902.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"902.9" ICD9-HASH-TABLE)
      "Unspecified blood vessel of abdomen and pelvis")
(SETF (GETHASH '"903" ICD9-HASH-TABLE)
      "Injury to blood vessels of upper extremity")
(SETF (GETHASH '"903.0" ICD9-HASH-TABLE) "Axillary blood vessels")
(SETF (GETHASH '"903.00" ICD9-HASH-TABLE)
      "Axillary vessel(s), unspecified")
(SETF (GETHASH '"903.01" ICD9-HASH-TABLE) "Axillary artery")
(SETF (GETHASH '"903.02" ICD9-HASH-TABLE) "Axillary vein")
(SETF (GETHASH '"903.1" ICD9-HASH-TABLE) "Brachial blood vessels")
(SETF (GETHASH '"903.2" ICD9-HASH-TABLE) "Radial blood vessels")
(SETF (GETHASH '"903.3" ICD9-HASH-TABLE) "Ulnar blood vessels")
(SETF (GETHASH '"903.4" ICD9-HASH-TABLE) "Palmar artery")
(SETF (GETHASH '"903.5" ICD9-HASH-TABLE) "Digital blood vessels")
(SETF (GETHASH '"903.8" ICD9-HASH-TABLE)
      "Other specified blood vessels of upper extremity")
(SETF (GETHASH '"903.9" ICD9-HASH-TABLE)
      "Unspecified blood vessel of upper extremity")
(SETF (GETHASH '"904" ICD9-HASH-TABLE)
      "Injury to blood vessels of lower extremity and unspecified sites")
(SETF (GETHASH '"904.0" ICD9-HASH-TABLE) "Common femoral artery")
(SETF (GETHASH '"904.1" ICD9-HASH-TABLE) "Superficial femoral artery")
(SETF (GETHASH '"904.2" ICD9-HASH-TABLE) "Femoral veins")
(SETF (GETHASH '"904.3" ICD9-HASH-TABLE) "Saphenous veins")
(SETF (GETHASH '"904.4" ICD9-HASH-TABLE) "Popliteal blood vessels")
(SETF (GETHASH '"904.40" ICD9-HASH-TABLE)
      "Popliteal vessel(s), unspecified")
(SETF (GETHASH '"904.41" ICD9-HASH-TABLE) "Popliteal artery")
(SETF (GETHASH '"904.42" ICD9-HASH-TABLE) "Popliteal vein")
(SETF (GETHASH '"904.5" ICD9-HASH-TABLE) "Tibial blood vessels")
(SETF (GETHASH '"904.50" ICD9-HASH-TABLE)
      "Tibial vessel(s), unspecified")
(SETF (GETHASH '"904.51" ICD9-HASH-TABLE) "Anterior tibial artery")
(SETF (GETHASH '"904.52" ICD9-HASH-TABLE) "Anterior tibial vein")
(SETF (GETHASH '"904.53" ICD9-HASH-TABLE) "Posterior tibial artery")
(SETF (GETHASH '"904.54" ICD9-HASH-TABLE) "Posterior tibial vein")
(SETF (GETHASH '"904.6" ICD9-HASH-TABLE) "Deep plantar blood vessels")
(SETF (GETHASH '"904.7" ICD9-HASH-TABLE)
      "Other specified blood vessels of lower extremity")
(SETF (GETHASH '"904.8" ICD9-HASH-TABLE)
      "Unspecified blood vessel of lower extremity")
(SETF (GETHASH '"904.9" ICD9-HASH-TABLE) "Unspecified site")
(SETF (GETHASH '"905" ICD9-HASH-TABLE)
      "Late effects of musculoskeletal and connective tissue injuries")
(SETF (GETHASH '"905.0" ICD9-HASH-TABLE)
      "Late effect of fracture of skull and face bones")
(SETF (GETHASH '"905.1" ICD9-HASH-TABLE)
      "Late effect of fracture of spine and trunk without mention of spinal cord lesion")
(SETF (GETHASH '"905.2" ICD9-HASH-TABLE)
      "Late effect of fracture of upper extremities")
(SETF (GETHASH '"905.3" ICD9-HASH-TABLE)
      "Late effect of fracture of neck of femur")
(SETF (GETHASH '"905.4" ICD9-HASH-TABLE)
      "Late effect of fracture of lower extremities")
(SETF (GETHASH '"905.5" ICD9-HASH-TABLE)
      "Late effect of fracture of multiple and unspecified bones")
(SETF (GETHASH '"905.6" ICD9-HASH-TABLE) "Late effect of dislocation")
(SETF (GETHASH '"905.7" ICD9-HASH-TABLE)
      "Late effect of sprain and strain without mention of tendon injury")
(SETF (GETHASH '"905.8" ICD9-HASH-TABLE) "Late effect of tendon injury")
(SETF (GETHASH '"905.9" ICD9-HASH-TABLE)
      "Late effect of traumatic amputation")
(SETF (GETHASH '"906" ICD9-HASH-TABLE)
      "Late effects of injuries to skin and subcutaneous tissues")
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(SETF (GETHASH '"906.0" ICD9-HASH-TABLE)
      "Late effect of open wound of head, neck, and trunk")
(SETF (GETHASH '"906.1" ICD9-HASH-TABLE)
      "Late effect of open wound of extremities without mention of tendon injury")
(SETF (GETHASH '"906.2" ICD9-HASH-TABLE)
      "Late effect of superficial injury")
(SETF (GETHASH '"906.3" ICD9-HASH-TABLE) "Late effect of contusion")
(SETF (GETHASH '"906.4" ICD9-HASH-TABLE) "Late effect of crushing")
(SETF (GETHASH '"906.5" ICD9-HASH-TABLE)
      "Late effect of burn of eye, face, head, and neck")
(SETF (GETHASH '"906.6" ICD9-HASH-TABLE)
      "Late effect of burn of wrist and hand")
(SETF (GETHASH '"906.7" ICD9-HASH-TABLE)
      "Late effect of burn of other extremities")
(SETF (GETHASH '"906.8" ICD9-HASH-TABLE)
      "Late effect of burns of other specified sites")
(SETF (GETHASH '"906.9" ICD9-HASH-TABLE)
      "Late effect of burn of unspecified site")
(SETF (GETHASH '"907" ICD9-HASH-TABLE)
      "Late effects of injuries to the nervous system")
(SETF (GETHASH '"907.0" ICD9-HASH-TABLE)
      "Late effect of intracranial injury without mention of skull fracture")
(SETF (GETHASH '"907.1" ICD9-HASH-TABLE)
      "Late effect of injury to cranial nerve")
(SETF (GETHASH '"907.2" ICD9-HASH-TABLE)
      "Late effect of spinal cord injury")
(SETF (GETHASH '"907.3" ICD9-HASH-TABLE)
      "Late effect of injury to nerve root(s), spinal plexus(es), and other nerves of trunk")
(SETF (GETHASH '"907.4" ICD9-HASH-TABLE)
      "Late effect of injury to peripheral nerve of shoulder girdle and upper limb")
(SETF (GETHASH '"907.5" ICD9-HASH-TABLE)
      "Late effect of injury to peripheral nerve of pelvic girdle and lower limb")
(SETF (GETHASH '"907.9" ICD9-HASH-TABLE)
      "Late effect of injury to other and unspecified nerve")
(SETF (GETHASH '"908" ICD9-HASH-TABLE)
      "Late effects of other and unspecified injuries")
(SETF (GETHASH '"908.0" ICD9-HASH-TABLE)
      "Late effect of internal injury to chest")
(SETF (GETHASH '"908.1" ICD9-HASH-TABLE)
      "Late effect of internal injury to intra-abdominal organs")
(SETF (GETHASH '"908.2" ICD9-HASH-TABLE)
      "Late effect of internal injury to other internal organs")
(SETF (GETHASH '"908.3" ICD9-HASH-TABLE)
      "Late effect of injury to blood vessel of head, neck, and extremities")
(SETF (GETHASH '"908.4" ICD9-HASH-TABLE)
      "Late effect of injury to blood vessel of thorax, abdomen, and pelvis")
(SETF (GETHASH '"908.5" ICD9-HASH-TABLE)
      "Late effect of foreign body in orifice")
(SETF (GETHASH '"908.6" ICD9-HASH-TABLE)
      "Late effect of certain complications of trauma")
(SETF (GETHASH '"908.9" ICD9-HASH-TABLE)
      "Late effect of unspecified injury")
(SETF (GETHASH '"909" ICD9-HASH-TABLE)
      "Late effects of other and unspecified external causes")
(SETF (GETHASH '"909.0" ICD9-HASH-TABLE)
      "Late effect of poisoning due to drug, medicinal or biological substance")
(SETF (GETHASH '"909.1" ICD9-HASH-TABLE)
      "Late effect of toxic effects of nonmedical substances")
(SETF (GETHASH '"909.2" ICD9-HASH-TABLE) "Late effect of radiation")
(SETF (GETHASH '"909.3" ICD9-HASH-TABLE)
      "Late effect of complications of surgical and medical care")
(SETF (GETHASH '"909.4" ICD9-HASH-TABLE)
      "Late effect of certain other external causes")
(SETF (GETHASH '"909.5" ICD9-HASH-TABLE)
      "Late effect of adverse effect of drug, medicinal or biological substance")
(SETF (GETHASH '"909.9" ICD9-HASH-TABLE)
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      "Late effect of other and unspecified external causes")
(SETF (GETHASH '"910" ICD9-HASH-TABLE)
      "Superficial injury of face, neck, and scalp except eye")
(SETF (GETHASH '"910.0" ICD9-HASH-TABLE)
      "Abrasion or friction burn without mention of infection")
(SETF (GETHASH '"910.1" ICD9-HASH-TABLE)
      "Abrasion or friction burn, infected")
(SETF (GETHASH '"910.2" ICD9-HASH-TABLE)
      "Blister without mention of infection")
(SETF (GETHASH '"910.3" ICD9-HASH-TABLE) "Blister, infected")
(SETF (GETHASH '"910.4" ICD9-HASH-TABLE)
      "Insect bite, nonvenomous, without mention of infection")
(SETF (GETHASH '"910.5" ICD9-HASH-TABLE)
      "Insect bite, nonvenomous, infected")
(SETF (GETHASH '"910.6" ICD9-HASH-TABLE)
      "Superficial foreign body (splinter) without major open wound and without mention of infection")
(SETF (GETHASH '"910.7" ICD9-HASH-TABLE)
      "Superficial foreign body (splinter) without major open wound, infected")
(SETF (GETHASH '"910.8" ICD9-HASH-TABLE)
      "Other and unspecified superficial injury of face, neck, and scalp without mention of infection")
(SETF (GETHASH '"910.9" ICD9-HASH-TABLE)
      "Other and unspecified superficial injury of face, neck, and scalp, infected")
(SETF (GETHASH '"911" ICD9-HASH-TABLE) "Superficial injury of trunk")
(SETF (GETHASH '"911.0" ICD9-HASH-TABLE)
      "Abrasion or friction burn without mention of infection")
(SETF (GETHASH '"911.1" ICD9-HASH-TABLE)
      "Abrasion or friction burn, infected")
(SETF (GETHASH '"911.2" ICD9-HASH-TABLE)
      "Blister without mention of infection")
(SETF (GETHASH '"911.3" ICD9-HASH-TABLE) "Blister, infected")
(SETF (GETHASH '"911.4" ICD9-HASH-TABLE)
      "Insect bite, nonvenomous, without mention of infection")
(SETF (GETHASH '"911.5" ICD9-HASH-TABLE)
      "Insect bite, nonvenomous, infected")
(SETF (GETHASH '"911.6" ICD9-HASH-TABLE)
      "Superficial foreign body (splinter) without major open wound and without mention of infection")
(SETF (GETHASH '"911.7" ICD9-HASH-TABLE)
      "Superficial foreign body (splinter) without major open wound, infected")
(SETF (GETHASH '"911.8" ICD9-HASH-TABLE)
      "Other and unspecified superficial injury of trunk without mention of infection")
(SETF (GETHASH '"911.9" ICD9-HASH-TABLE)
      "Other and unspecified superficial injury of trunk, infected")
(SETF (GETHASH '"912" ICD9-HASH-TABLE)
      "Superficial injury of shoulder and upper arm")
(SETF (GETHASH '"912.0" ICD9-HASH-TABLE)
      "Abrasion or friction burn without mention of infection")
(SETF (GETHASH '"912.1" ICD9-HASH-TABLE)
      "Abrasion or friction burn, infected")
(SETF (GETHASH '"912.2" ICD9-HASH-TABLE)
      "Blister without mention of infection")
(SETF (GETHASH '"912.3" ICD9-HASH-TABLE) "Blister, infected")
(SETF (GETHASH '"912.4" ICD9-HASH-TABLE)
      "Insect bite, nonvenomous, without mention of infection")
(SETF (GETHASH '"912.5" ICD9-HASH-TABLE)
      "Insect bite, nonvenomous, infected")
(SETF (GETHASH '"912.6" ICD9-HASH-TABLE)
      "Superficial foreign body (splinter) without major open wound and without mention of infection")
(SETF (GETHASH '"912.7" ICD9-HASH-TABLE)
      "Superficial foreign body (splinter) without major open wound, infected")
(SETF (GETHASH '"912.8" ICD9-HASH-TABLE)
      "Other and unspecified superficial injury of shoulder and upper arm without mention of infection")
(SETF (GETHASH '"912.9" ICD9-HASH-TABLE)
      "Other and unspecified superficial injury of shoulder and upper arm, infected")
(SETF (GETHASH '"913" ICD9-HASH-TABLE)
      "Superficial injury of elbow, forearm, and wrist")
(SETF (GETHASH '"913.0" ICD9-HASH-TABLE)
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      "Abrasion or friction burn without mention of infection")
(SETF (GETHASH '"913.1" ICD9-HASH-TABLE)
      "Abrasion or friction burn, infected")
(SETF (GETHASH '"913.2" ICD9-HASH-TABLE)
      "Blister without mention of infection")
(SETF (GETHASH '"913.3" ICD9-HASH-TABLE) "Blister, infected")
(SETF (GETHASH '"913.4" ICD9-HASH-TABLE)
      "Insect bite, nonvenomous, without mention of infection")
(SETF (GETHASH '"913.5" ICD9-HASH-TABLE)
      "Insect bite, nonvenomous, infected")
(SETF (GETHASH '"913.6" ICD9-HASH-TABLE)
      "Superficial foreign body (splinter) without major open wound and without mention of infection")
(SETF (GETHASH '"913.7" ICD9-HASH-TABLE)
      "Superficial foreign body (splinter) without major open wound, infected")
(SETF (GETHASH '"913.8" ICD9-HASH-TABLE)
      "Other and unspecified superficial injury of elbow, forearm, and wrist without mention of infection")
(SETF (GETHASH '"913.9" ICD9-HASH-TABLE)
      "Other and unspecified superficial injury of elbow, forearm, and wrist, infected")
(SETF (GETHASH '"914" ICD9-HASH-TABLE)
      "Superficial injury of hand(s) except finger(s) alone")
(SETF (GETHASH '"914.0" ICD9-HASH-TABLE)
      "Abrasion or friction burn without mention of infection")
(SETF (GETHASH '"914.1" ICD9-HASH-TABLE)
      "Abrasion or friction burn, infected")
(SETF (GETHASH '"914.2" ICD9-HASH-TABLE)
      "Blister without mention of infection")
(SETF (GETHASH '"914.3" ICD9-HASH-TABLE) "Blister, infected")
(SETF (GETHASH '"914.5" ICD9-HASH-TABLE)
      "Insect bite, nonvenomous, infected")
(SETF (GETHASH '"914.6" ICD9-HASH-TABLE)
      "Superficial foreign body (splinter) without major open wound and without mention of infection")
(SETF (GETHASH '"914.7" ICD9-HASH-TABLE)
      "Superficial foreign body (splinter) without major open wound, infected")
(SETF (GETHASH '"914.8" ICD9-HASH-TABLE)
      "Other and unspecified superficial injury of hand without mention of infection")
(SETF (GETHASH '"914.9" ICD9-HASH-TABLE)
      "Other and unspecified superficial injury of hand, infected")
(SETF (GETHASH '"915" ICD9-HASH-TABLE) "Superficial injury of finger(s)")
(SETF (GETHASH '"915.0" ICD9-HASH-TABLE)
      "Abrasion or friction burn without mention of infection")
(SETF (GETHASH '"915.1" ICD9-HASH-TABLE)
      "Abrasion or friction burn, infected")
(SETF (GETHASH '"915.2" ICD9-HASH-TABLE)
      "Blister without mention of infection")
(SETF (GETHASH '"915.3" ICD9-HASH-TABLE) "Blister, infected")
(SETF (GETHASH '"915.4" ICD9-HASH-TABLE)
      "Insect bite, nonvenomous, without mention of infection")
(SETF (GETHASH '"915.5" ICD9-HASH-TABLE)
      "Insect bite, nonvenomous, infected")
(SETF (GETHASH '"915.6" ICD9-HASH-TABLE)
      "Superficial foreign body (splinter) without major open wound and without mention of infection")
(SETF (GETHASH '"915.7" ICD9-HASH-TABLE)
      "Superficial foreign body (splinter) without major open wound, infected")
(SETF (GETHASH '"915.8" ICD9-HASH-TABLE)
      "Other and unspecified superficial injury of fingers without mention of infection")
(SETF (GETHASH '"915.9" ICD9-HASH-TABLE)
      "Other and unspecified superficial injury of fingers, infected")
(SETF (GETHASH '"916" ICD9-HASH-TABLE)
      "Superficial injury of hip, thigh, leg, and ankle")
(SETF (GETHASH '"916.0" ICD9-HASH-TABLE)
      "Abrasion or friction burn without mention of infection")
(SETF (GETHASH '"916.1" ICD9-HASH-TABLE)
      "Abrasion or friction burn, infected")
(SETF (GETHASH '"916.2" ICD9-HASH-TABLE)
      "Blister without mention of infection")
(SETF (GETHASH '"916.3" ICD9-HASH-TABLE) "Blister, infected")
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(SETF (GETHASH '"916.4" ICD9-HASH-TABLE)
      "Insect bite, nonvenomous, without mention of infection")
(SETF (GETHASH '"916.5" ICD9-HASH-TABLE)
      "Insect bite, nonvenomous, infected")
(SETF (GETHASH '"916.6" ICD9-HASH-TABLE)
      "Superficial foreign body (splinter) without major open wound and without mention of infection")
(SETF (GETHASH '"916.7" ICD9-HASH-TABLE)
      "Superficial foreign body (splinter) without major open wound, infected")
(SETF (GETHASH '"916.8" ICD9-HASH-TABLE)
      "Other and unspecified superficial injury of hip, thigh, leg, and ankle without mention of infection")
(SETF (GETHASH '"916.9" ICD9-HASH-TABLE)
      "Other and unspecified superficial injury of hip, thigh, leg, and ankle, infected")
(SETF (GETHASH '"917" ICD9-HASH-TABLE)
      "Superficial injury of foot and toe(s)")
(SETF (GETHASH '"917.0" ICD9-HASH-TABLE)
      "Abrasion or friction burn without mention of infection")
(SETF (GETHASH '"917.1" ICD9-HASH-TABLE)
      "Abrasion or friction burn, infected")
(SETF (GETHASH '"917.2" ICD9-HASH-TABLE)
      "Blister without mention of infection")
(SETF (GETHASH '"917.4" ICD9-HASH-TABLE)
      "Insect bite, nonvenomous, without mention of infection")
(SETF (GETHASH '"917.5" ICD9-HASH-TABLE)
      "Insect bite, nonvenomous, infected")
(SETF (GETHASH '"917.6" ICD9-HASH-TABLE)
      "Superficial foreign body (splinter) without major open wound and without mention of infection")
(SETF (GETHASH '"917.7" ICD9-HASH-TABLE)
      "Superficial foreign body (splinter) without major open wound, infected")
(SETF (GETHASH '"917.8" ICD9-HASH-TABLE)
      "Other and unspecified superficial injury of foot and toes without mention of infection")
(SETF (GETHASH '"917.9" ICD9-HASH-TABLE)
      "Other and unspecified superficial injury of foot and toes, infected")
(SETF (GETHASH '"918" ICD9-HASH-TABLE)
      "Superficial injury of eye and adnexa")
(SETF (GETHASH '"918.0" ICD9-HASH-TABLE) "Eyelids and periocular area")
(SETF (GETHASH '"918.1" ICD9-HASH-TABLE) "Cornea")
(SETF (GETHASH '"918.2" ICD9-HASH-TABLE) "Conjunctiva")
(SETF (GETHASH '"918.9" ICD9-HASH-TABLE)
      "Other and unspecified superficial injuries of eye")
(SETF (GETHASH '"919" ICD9-HASH-TABLE)
      "Superficial injury of other, multiple, and unspecified sites")
(SETF (GETHASH '"919.0" ICD9-HASH-TABLE)
      "Abrasion or friction burn without mention of infection")
(SETF (GETHASH '"919.1" ICD9-HASH-TABLE)
      "Abrasion or friction burn, infected")
(SETF (GETHASH '"919.2" ICD9-HASH-TABLE)
      "Blister without mention of infection")
(SETF (GETHASH '"919.3" ICD9-HASH-TABLE) "Blister, infected")
(SETF (GETHASH '"919.4" ICD9-HASH-TABLE)
      "Insect bite, nonvenomous, without mention of infection")
(SETF (GETHASH '"919.5" ICD9-HASH-TABLE)
      "Insect bite, nonvenomous, infected")
(SETF (GETHASH '"919.6" ICD9-HASH-TABLE)
      "Superficial foreign body (splinter) without major open wound and without mention of infection")
(SETF (GETHASH '"919.7" ICD9-HASH-TABLE)
      "Superficial foreign body (splinter) without major open wound, infected")
(SETF (GETHASH '"919.8" ICD9-HASH-TABLE)
      "Other and unspecified superficial injury without mention of infection")
(SETF (GETHASH '"919.9" ICD9-HASH-TABLE)
      "Other and unspecified superficial injury, infected")
(SETF (GETHASH '"920" ICD9-HASH-TABLE)
      "Contusion of face, scalp, and neck except eye(s)")
(SETF (GETHASH '"921" ICD9-HASH-TABLE) "Contusion of eye and adnexa")
(SETF (GETHASH '"921.0" ICD9-HASH-TABLE) "Black eye, NOS")
(SETF (GETHASH '"921.1" ICD9-HASH-TABLE)
      "Contusion of eyelids and periocular area")
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(SETF (GETHASH '"921.2" ICD9-HASH-TABLE) "Contusion of orbital tissues")
(SETF (GETHASH '"921.3" ICD9-HASH-TABLE) "Contusion of eyeball")
(SETF (GETHASH '"921.9" ICD9-HASH-TABLE) "Unspecified contusion of eye")
(SETF (GETHASH '"922" ICD9-HASH-TABLE) "Contusion of trunk")
(SETF (GETHASH '"922.0" ICD9-HASH-TABLE) "Breast")
(SETF (GETHASH '"922.1" ICD9-HASH-TABLE) "Chest wall")
(SETF (GETHASH '"922.2" ICD9-HASH-TABLE) "Abdominal wall")
(SETF (GETHASH '"922.3" ICD9-HASH-TABLE) "Back")
(SETF (GETHASH '"922.31" ICD9-HASH-TABLE) "Back")
(SETF (GETHASH '"922.32" ICD9-HASH-TABLE) "Buttock")
(SETF (GETHASH '"922.33" ICD9-HASH-TABLE) "Interscapular region")
(SETF (GETHASH '"922.4" ICD9-HASH-TABLE) "Genital organs")
(SETF (GETHASH '"922.8" ICD9-HASH-TABLE) "Multiple sites of trunk")
(SETF (GETHASH '"922.9" ICD9-HASH-TABLE) "Unspecified part")
(SETF (GETHASH '"923" ICD9-HASH-TABLE) "Contusion of upper limb")
(SETF (GETHASH '"923.0" ICD9-HASH-TABLE) "Shoulder and upper arm")
(SETF (GETHASH '"923.00" ICD9-HASH-TABLE) "Shoulder region")
(SETF (GETHASH '"923.01" ICD9-HASH-TABLE) "Scapular region")
(SETF (GETHASH '"923.02" ICD9-HASH-TABLE) "Axillary region")
(SETF (GETHASH '"923.03" ICD9-HASH-TABLE) "Upper arm")
(SETF (GETHASH '"923.09" ICD9-HASH-TABLE) "Multiple sites")
(SETF (GETHASH '"923.1" ICD9-HASH-TABLE) "Elbow and forearm")
(SETF (GETHASH '"923.10" ICD9-HASH-TABLE) "Forearm")
(SETF (GETHASH '"923.11" ICD9-HASH-TABLE) "Elbow")
(SETF (GETHASH '"923.2" ICD9-HASH-TABLE)
      "Wrist and hand(s), except finger(s) alone")
(SETF (GETHASH '"923.20" ICD9-HASH-TABLE) "Hand(s)")
(SETF (GETHASH '"923.21" ICD9-HASH-TABLE) "Wrist")
(SETF (GETHASH '"923.3" ICD9-HASH-TABLE) "Finger")
(SETF (GETHASH '"923.8" ICD9-HASH-TABLE) "Multiple sites of upper limb")
(SETF (GETHASH '"923.9" ICD9-HASH-TABLE)
      "Unspecified part of upper limb")
(SETF (GETHASH '"924" ICD9-HASH-TABLE)
      "Contusion of lower limb and of other and unspecified sites")
(SETF (GETHASH '"924.0" ICD9-HASH-TABLE) "Hip and thigh")
(SETF (GETHASH '"924.00" ICD9-HASH-TABLE) "Thigh")
(SETF (GETHASH '"924.01" ICD9-HASH-TABLE) "Hip")
(SETF (GETHASH '"924.1" ICD9-HASH-TABLE) "Knee and lower leg")
(SETF (GETHASH '"924.10" ICD9-HASH-TABLE) "Lower leg")
(SETF (GETHASH '"924.2" ICD9-HASH-TABLE)
      "Ankle and foot, excluding toe(s)")
(SETF (GETHASH '"924.20" ICD9-HASH-TABLE) "Foot")
(SETF (GETHASH '"924.21" ICD9-HASH-TABLE) "Ankle")
(SETF (GETHASH '"924.3" ICD9-HASH-TABLE) "Toe")
(SETF (GETHASH '"924.4" ICD9-HASH-TABLE) "Multiple sites of lower limb")
(SETF (GETHASH '"924.5" ICD9-HASH-TABLE)
      "Unspecified part of lower limb")
(SETF (GETHASH '"924.8" ICD9-HASH-TABLE)
      "Multiple sites, not elsewhere classified")
(SETF (GETHASH '"924.9" ICD9-HASH-TABLE) "Unspecified site")
(SETF (GETHASH '"925" ICD9-HASH-TABLE)
      "Crushing injury of face, scalp, and neck")
(SETF (GETHASH '"925.1" ICD9-HASH-TABLE)
      "Crushing injury of face and scalp")
(SETF (GETHASH '"925.2" ICD9-HASH-TABLE) "Crushing injury of neck")
(SETF (GETHASH '"926" ICD9-HASH-TABLE) "Crushing injury of trunk")
(SETF (GETHASH '"926.0" ICD9-HASH-TABLE) "External genitalia")
(SETF (GETHASH '"926.1" ICD9-HASH-TABLE) "Other specified sites")
(SETF (GETHASH '"926.11" ICD9-HASH-TABLE) "Back")
(SETF (GETHASH '"926.12" ICD9-HASH-TABLE) "Buttock")
(SETF (GETHASH '"926.19" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"926.8" ICD9-HASH-TABLE) "Multiple sites of trunk")
(SETF (GETHASH '"926.9" ICD9-HASH-TABLE) "Unspecified site")
(SETF (GETHASH '"927" ICD9-HASH-TABLE) "Crushing injury of upper limb")
(SETF (GETHASH '"927.0" ICD9-HASH-TABLE) "Shoulder and upper arm")
(SETF (GETHASH '"927.00" ICD9-HASH-TABLE) "Shoulder region")
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(SETF (GETHASH '"927.01" ICD9-HASH-TABLE) "Scapular region")
(SETF (GETHASH '"927.02" ICD9-HASH-TABLE) "Axillary region")
(SETF (GETHASH '"927.03" ICD9-HASH-TABLE) "Upper arm")
(SETF (GETHASH '"927.09" ICD9-HASH-TABLE) "Multiple sites")
(SETF (GETHASH '"927.1" ICD9-HASH-TABLE) "Elbow and forearm")
(SETF (GETHASH '"927.10" ICD9-HASH-TABLE) "Forearm")
(SETF (GETHASH '"927.11" ICD9-HASH-TABLE) "Elbow")
(SETF (GETHASH '"927.2" ICD9-HASH-TABLE)
      "Wrist and hand(s), except finger(s) alone")
(SETF (GETHASH '"927.20" ICD9-HASH-TABLE) "Hand(s)")
(SETF (GETHASH '"927.21" ICD9-HASH-TABLE) "Wrist")
(SETF (GETHASH '"927.3" ICD9-HASH-TABLE) "Finger(s)")
(SETF (GETHASH '"927.9" ICD9-HASH-TABLE) "Unspecified site")
(SETF (GETHASH '"928" ICD9-HASH-TABLE) "Crushing injury of lower limb")
(SETF (GETHASH '"928.0" ICD9-HASH-TABLE) "Hip and thigh")
(SETF (GETHASH '"928.00" ICD9-HASH-TABLE) "Thigh")
(SETF (GETHASH '"928.01" ICD9-HASH-TABLE) "Hip")
(SETF (GETHASH '"928.1" ICD9-HASH-TABLE) "Knee and lower leg")
(SETF (GETHASH '"928.10" ICD9-HASH-TABLE) "Lower leg")
(SETF (GETHASH '"928.11" ICD9-HASH-TABLE) "Knee")
(SETF (GETHASH '"928.2" ICD9-HASH-TABLE)
      "Ankle and foot, excluding toe(s) alone")
(SETF (GETHASH '"928.20" ICD9-HASH-TABLE) "Foot")
(SETF (GETHASH '"928.21" ICD9-HASH-TABLE) "Ankle")
(SETF (GETHASH '"928.3" ICD9-HASH-TABLE) "Toe(s)")
(SETF (GETHASH '"928.8" ICD9-HASH-TABLE) "Multiple sites of lower limb")
(SETF (GETHASH '"928.9" ICD9-HASH-TABLE) "Unspecified site")
(SETF (GETHASH '"929" ICD9-HASH-TABLE)
      "Crushing injury of multiple and unspecified sites")
(SETF (GETHASH '"929.0" ICD9-HASH-TABLE)
      "Multiple sites, not elsewhere classified")
(SETF (GETHASH '"929.9" ICD9-HASH-TABLE) "Unspecified site")
(SETF (GETHASH '"930" ICD9-HASH-TABLE) "Foreign body on external eye")
(SETF (GETHASH '"930.0" ICD9-HASH-TABLE) "Corneal foreign body")
(SETF (GETHASH '"930.1" ICD9-HASH-TABLE)
      "Foreign body in conjunctival sac")
(SETF (GETHASH '"930.2" ICD9-HASH-TABLE)
      "Foreign body in lacrimal punctum")
(SETF (GETHASH '"930.8" ICD9-HASH-TABLE) "Other and combined sites")
(SETF (GETHASH '"930.9" ICD9-HASH-TABLE) "Unspecified site")
(SETF (GETHASH '"931" ICD9-HASH-TABLE) "Foreign body in ear")
(SETF (GETHASH '"932" ICD9-HASH-TABLE) "Foreign body in nose")
(SETF (GETHASH '"933" ICD9-HASH-TABLE)
      "Foreign body in pharynx and larynx")
(SETF (GETHASH '"933.0" ICD9-HASH-TABLE) "Pharynx")
(SETF (GETHASH '"933.1" ICD9-HASH-TABLE) "Larynx")
(SETF (GETHASH '"934" ICD9-HASH-TABLE)
      "Foreign body in trachea, bronchus, and lung")
(SETF (GETHASH '"934.0" ICD9-HASH-TABLE) "Trachea")
(SETF (GETHASH '"934.1" ICD9-HASH-TABLE) "Main bronchus")
(SETF (GETHASH '"934.8" ICD9-HASH-TABLE) "Other specified parts")
(SETF (GETHASH '"934.9" ICD9-HASH-TABLE) "Respiratory tree, unspecified")
(SETF (GETHASH '"935" ICD9-HASH-TABLE)
      "Foreign body in mouth, esophagus, and stomach")
(SETF (GETHASH '"935.0" ICD9-HASH-TABLE) "Mouth")
(SETF (GETHASH '"935.1" ICD9-HASH-TABLE) "Esophagus")
(SETF (GETHASH '"935.2" ICD9-HASH-TABLE) "Stomach")
(SETF (GETHASH '"936" ICD9-HASH-TABLE)
      "Foreign body in intestine and colon")
(SETF (GETHASH '"937" ICD9-HASH-TABLE) "Foreign body in anus and rectum")
(SETF (GETHASH '"938" ICD9-HASH-TABLE)
      "Foreign body in digestive system, unspecified")
(SETF (GETHASH '"939" ICD9-HASH-TABLE)
      "Foreign body in genitourinary tract")
(SETF (GETHASH '"939.0" ICD9-HASH-TABLE) "Bladder and urethra")
(SETF (GETHASH '"939.1" ICD9-HASH-TABLE) "Uterus, any part")
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(SETF (GETHASH '"939.2" ICD9-HASH-TABLE) "Vulva and vagina")
(SETF (GETHASH '"939.3" ICD9-HASH-TABLE) "Penis")
(SETF (GETHASH '"939.9" ICD9-HASH-TABLE) "Unspecified site")
(SETF (GETHASH '"940" ICD9-HASH-TABLE) "Burn confined to eye and adnexa")
(SETF (GETHASH '"940.0" ICD9-HASH-TABLE)
      "Chemical burn of eyelids and periocular area")
(SETF (GETHASH '"940.1" ICD9-HASH-TABLE)
      "Other burns of eyelids and periocular area")
(SETF (GETHASH '"940.2" ICD9-HASH-TABLE)
      "Alkaline chemical burn of cornea and conjunctival sac")
(SETF (GETHASH '"940.4" ICD9-HASH-TABLE)
      "Other burn of cornea and conjunctival sac")
(SETF (GETHASH '"940.5" ICD9-HASH-TABLE)
      "Burn with resulting rupture and destruction of eyeball")
(SETF (GETHASH '"940.9" ICD9-HASH-TABLE)
      "Unspecified burn of eye and adnexa")
(SETF (GETHASH '"941" ICD9-HASH-TABLE) "Burn of face, head, and neck")
(SETF (GETHASH '"941.0" ICD9-HASH-TABLE) "Unspecified degree")
(SETF (GETHASH '"941.1" ICD9-HASH-TABLE) "Erythema [first degree]")
(SETF (GETHASH '"941.2" ICD9-HASH-TABLE)
      "Blisters, epidermal loss [second degree]")
(SETF (GETHASH '"941.3" ICD9-HASH-TABLE)
      "Full-thickness skin loss [third degree NOS]")
(SETF (GETHASH '"941.4" ICD9-HASH-TABLE)
      "Deep necrosis of underlying tissues [deep third degree] without mention of loss of a body part")
(SETF (GETHASH '"941.5" ICD9-HASH-TABLE)
      "Deep necrosis of underlying tissues [deep third degree] with loss of a body part")
(SETF (GETHASH '"942" ICD9-HASH-TABLE) "Burn of trunk")
(SETF (GETHASH '"942.0" ICD9-HASH-TABLE) "Unspecified degree")
(SETF (GETHASH '"942.1" ICD9-HASH-TABLE) "Erythema [first degree]")
(SETF (GETHASH '"942.2" ICD9-HASH-TABLE)
      "Blisters, epidermal loss [second degree]")
(SETF (GETHASH '"942.3" ICD9-HASH-TABLE)
      "Full-thickness skin loss [third degree NOS]")
(SETF (GETHASH '"942.4" ICD9-HASH-TABLE)
      "Deep necrosis of underlying tissues [deep third degree] without mention of loss of a body part")
(SETF (GETHASH '"942.5" ICD9-HASH-TABLE)
      "Deep necrosis of underlying tissues [deep third degree] with loss of a body part")
(SETF (GETHASH '"943" ICD9-HASH-TABLE)
      "Burn of upper limb, except wrist and hand")
(SETF (GETHASH '"943.0" ICD9-HASH-TABLE) "Unspecified degree")
(SETF (GETHASH '"943.1" ICD9-HASH-TABLE) "Erythema [first degree]")
(SETF (GETHASH '"943.2" ICD9-HASH-TABLE)
      "Blisters, epidermal loss [second degree]")
(SETF (GETHASH '"943.3" ICD9-HASH-TABLE)
      "Full-thickness skin loss [third degree NOS]")
(SETF (GETHASH '"943.4" ICD9-HASH-TABLE)
      "Deep necrosis of underlying tissues [deep third degree] without mention of loss of a body part")
(SETF (GETHASH '"943.5" ICD9-HASH-TABLE)
      "Deep necrosis of underlying tissues [deep third degree] with loss of a body part")
(SETF (GETHASH '"944" ICD9-HASH-TABLE) "Burn of wrist(s) and hand(s)")
(SETF (GETHASH '"944.0" ICD9-HASH-TABLE) "Unspecified degree")
(SETF (GETHASH '"944.1" ICD9-HASH-TABLE) "Erythema [first degree]")
(SETF (GETHASH '"944.2" ICD9-HASH-TABLE)
      "Blisters, epidermal loss [second degree]")
(SETF (GETHASH '"944.3" ICD9-HASH-TABLE)
      "Full-thickness skin loss [third degree NOS]")
(SETF (GETHASH '"944.4" ICD9-HASH-TABLE)
      "Deep necrosis of underlying tissues [deep third degree] without mention of loss of a body part")
(SETF (GETHASH '"944.5" ICD9-HASH-TABLE)
      "Deep necrosis of underlying tissues [deep third degree] with loss of a body part")
(SETF (GETHASH '"945" ICD9-HASH-TABLE) "Burn of lower limb(s)")
(SETF (GETHASH '"945.0" ICD9-HASH-TABLE) "Unspecified degree")
(SETF (GETHASH '"945.1" ICD9-HASH-TABLE) "Erythema [first degree]")
(SETF (GETHASH '"945.2" ICD9-HASH-TABLE)
      "Blisters, epidermal loss [second degree]")
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(SETF (GETHASH '"945.3" ICD9-HASH-TABLE)
      "Full-thickness skin loss [third degree NOS]")
(SETF (GETHASH '"945.4" ICD9-HASH-TABLE)
      "Deep necrosis of underlying tissues [deep third degree] without mention of loss of a body part")
(SETF (GETHASH '"945.5" ICD9-HASH-TABLE)
      "Deep necrosis of underlying tissues [deep third degree] with loss of a body part")
(SETF (GETHASH '"946" ICD9-HASH-TABLE)
      "Burns of multiple specified sites")
(SETF (GETHASH '"946.0" ICD9-HASH-TABLE) "Unspecified degree")
(SETF (GETHASH '"946.1" ICD9-HASH-TABLE) "Erythema [first degree]")
(SETF (GETHASH '"946.2" ICD9-HASH-TABLE)
      "Blisters, epidermal loss [second degree]")
(SETF (GETHASH '"946.3" ICD9-HASH-TABLE)
      "Full-thickness skin loss [third degree NOS]")
(SETF (GETHASH '"946.4" ICD9-HASH-TABLE)
      "Deep necrosis of underlying tissues [deep third degree] without mention of loss of a body part")
(SETF (GETHASH '"946.5" ICD9-HASH-TABLE)
      "Deep necrosis of underlying tissues [deep third degree] with loss of a body part")
(SETF (GETHASH '"947" ICD9-HASH-TABLE) "Burn of internal organs")
(SETF (GETHASH '"947.0" ICD9-HASH-TABLE) "Mouth and pharynx")
(SETF (GETHASH '"947.1" ICD9-HASH-TABLE) "Larynx, trachea, and lung")
(SETF (GETHASH '"947.2" ICD9-HASH-TABLE) "Esophagus")
(SETF (GETHASH '"947.3" ICD9-HASH-TABLE) "Gastrointestinal tract")
(SETF (GETHASH '"947.4" ICD9-HASH-TABLE) "Vagina and uterus")
(SETF (GETHASH '"947.8" ICD9-HASH-TABLE) "Other specified sites")
(SETF (GETHASH '"947.9" ICD9-HASH-TABLE) "Unspecified site")
(SETF (GETHASH '"948" ICD9-HASH-TABLE)
      "Burns classified according to extent of body surface involved")
(SETF (GETHASH '"948.0" ICD9-HASH-TABLE)
      "Burn [any degree] involving less than 10 percent of body surface")
(SETF (GETHASH '"948.1" ICD9-HASH-TABLE) "10-19 percent of body surface")
(SETF (GETHASH '"948.2" ICD9-HASH-TABLE) "20-29 percent of body surface")
(SETF (GETHASH '"948.3" ICD9-HASH-TABLE) "30-39 percent of body surface")
(SETF (GETHASH '"948.4" ICD9-HASH-TABLE) "40-49 percent of body surface")
(SETF (GETHASH '"948.5" ICD9-HASH-TABLE) "50-59 percent of body surface")
(SETF (GETHASH '"948.6" ICD9-HASH-TABLE) "60-69 percent of body surface")
(SETF (GETHASH '"948.7" ICD9-HASH-TABLE) "70-79 percent of body surface")
(SETF (GETHASH '"948.8" ICD9-HASH-TABLE) "80-89 percent of body surface")
(SETF (GETHASH '"948.9" ICD9-HASH-TABLE)
      "90 percent or more of body surface")
(SETF (GETHASH '"949" ICD9-HASH-TABLE) "Burn, unspecified")
(SETF (GETHASH '"949.0" ICD9-HASH-TABLE) "Unspecified degree")
(SETF (GETHASH '"949.1" ICD9-HASH-TABLE) "Erythema [first degree]")
(SETF (GETHASH '"949.2" ICD9-HASH-TABLE)
      "Blisters, epidermal loss [second degree]")
(SETF (GETHASH '"949.3" ICD9-HASH-TABLE)
      "Full-thickness skin loss [third degree NOS]")
(SETF (GETHASH '"949.4" ICD9-HASH-TABLE)
      "Deep necrosis of underlying tissues [deep third degree] without mention of loss of a body part")
(SETF (GETHASH '"949.5" ICD9-HASH-TABLE)
      "Deep necrosis of underlying tissues [deep third degree] with loss of a body part")
(SETF (GETHASH '"950" ICD9-HASH-TABLE)
      "Injury to optic nerve and pathways")
(SETF (GETHASH '"950.0" ICD9-HASH-TABLE) "Optic nerve injury")
(SETF (GETHASH '"950.1" ICD9-HASH-TABLE) "Injury to optic chiasm")
(SETF (GETHASH '"950.2" ICD9-HASH-TABLE) "Injury to optic pathways")
(SETF (GETHASH '"950.3" ICD9-HASH-TABLE) "Injury to visual cortex")
(SETF (GETHASH '"950.9" ICD9-HASH-TABLE) "Unspecified")
(SETF (GETHASH '"951" ICD9-HASH-TABLE)
      "Injury to other cranial nerve(s)")
(SETF (GETHASH '"951.0" ICD9-HASH-TABLE) "Injury to oculomotor nerve")
(SETF (GETHASH '"951.1" ICD9-HASH-TABLE) "Injury to trochlear nerve")
(SETF (GETHASH '"951.2" ICD9-HASH-TABLE) "Injury to trigeminal nerve")
(SETF (GETHASH '"951.3" ICD9-HASH-TABLE) "Injury to abducens nerve")
(SETF (GETHASH '"951.4" ICD9-HASH-TABLE) "Injury to facial nerve")
(SETF (GETHASH '"951.5" ICD9-HASH-TABLE) "Injury to acoustic nerve")
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(SETF (GETHASH '"951.6" ICD9-HASH-TABLE) "Injury to accessory nerve")
(SETF (GETHASH '"951.7" ICD9-HASH-TABLE) "Injury to hypoglossal nerve")
(SETF (GETHASH '"951.8" ICD9-HASH-TABLE)
      "Injury to other specified cranial nerves")
(SETF (GETHASH '"951.9" ICD9-HASH-TABLE)
      "Injury to unspecified cranial nerve")
(SETF (GETHASH '"952" ICD9-HASH-TABLE)
      "Spinal cord injury without evidence of spinal bone injury")
(SETF (GETHASH '"952.0" ICD9-HASH-TABLE) "Cervical")
(SETF (GETHASH '"952.00" ICD9-HASH-TABLE)
      "C1-C4 level with unspecified spinal cord injury")
(SETF (GETHASH '"952.01" ICD9-HASH-TABLE)
      "C1-C4 level with complete lesion of spinal cord")
(SETF (GETHASH '"952.02" ICD9-HASH-TABLE)
      "C1-C4 level with anterior cord syndrome")
(SETF (GETHASH '"952.03" ICD9-HASH-TABLE)
      "C1-C4 level with central cord syndrome")
(SETF (GETHASH '"952.04" ICD9-HASH-TABLE)
      "C1-C4 level with other specified spinal cord injury")
(SETF (GETHASH '"952.05" ICD9-HASH-TABLE)
      "C5-C7 level with unspecified spinal cord injury")
(SETF (GETHASH '"952.06" ICD9-HASH-TABLE)
      "C5-C7 level with complete lesion of spinal cord")
(SETF (GETHASH '"952.07" ICD9-HASH-TABLE)
      "C5-C7 level with anterior cord syndrome")
(SETF (GETHASH '"952.08" ICD9-HASH-TABLE)
      "C5-C7 level with central cord syndrome")
(SETF (GETHASH '"952.09" ICD9-HASH-TABLE)
      "C5-C7 level with other specified spinal cord injury")
(SETF (GETHASH '"952.1" ICD9-HASH-TABLE) "Dorsal [thoracic]")
(SETF (GETHASH '"952.10" ICD9-HASH-TABLE)
      "T1-T6 level with unspecified spinal cord injury")
(SETF (GETHASH '"952.11" ICD9-HASH-TABLE)
      "T1-T6 level with complete lesion of spinal cord")
(SETF (GETHASH '"952.12" ICD9-HASH-TABLE)
      "T1-T6 level with anterior cord syndrome")
(SETF (GETHASH '"952.13" ICD9-HASH-TABLE)
      "T1-T6 level with central cord syndrome")
(SETF (GETHASH '"952.14" ICD9-HASH-TABLE)
      "T1-T6 level with other specified spinal cord injury")
(SETF (GETHASH '"952.15" ICD9-HASH-TABLE)
      "T7-T12 level with unspecified spinal cord injury")
(SETF (GETHASH '"952.16" ICD9-HASH-TABLE)
      "T7-T12 level with complete lesion of spinal cord")
(SETF (GETHASH '"952.17" ICD9-HASH-TABLE)
      "T7-T12 level with anterior cord syndrome")
(SETF (GETHASH '"952.18" ICD9-HASH-TABLE)
      "T7-T12 level with central cord syndrome")
(SETF (GETHASH '"952.19" ICD9-HASH-TABLE)
      "T7-T12 level with other specified spinal cord injury")
(SETF (GETHASH '"952.2" ICD9-HASH-TABLE) "Lumbar")
(SETF (GETHASH '"952.3" ICD9-HASH-TABLE) "Sacral")
(SETF (GETHASH '"952.4" ICD9-HASH-TABLE) "Cauda equina")
(SETF (GETHASH '"952.8" ICD9-HASH-TABLE) "Multiple sites of spinal cord")
(SETF (GETHASH '"952.9" ICD9-HASH-TABLE)
      "Unspecified site of spinal cord")
(SETF (GETHASH '"953" ICD9-HASH-TABLE)
      "Injury to nerve roots and spinal plexus")
(SETF (GETHASH '"953.0" ICD9-HASH-TABLE) "Cervical root")
(SETF (GETHASH '"953.1" ICD9-HASH-TABLE) "Dorsal root")
(SETF (GETHASH '"953.2" ICD9-HASH-TABLE) "Lumbar root")
(SETF (GETHASH '"953.3" ICD9-HASH-TABLE) "Sacral root")
(SETF (GETHASH '"953.4" ICD9-HASH-TABLE) "Brachial plexus")
(SETF (GETHASH '"953.5" ICD9-HASH-TABLE) "Lumbosacral plexus")
(SETF (GETHASH '"953.8" ICD9-HASH-TABLE) "Multiple sites")
(SETF (GETHASH '"953.9" ICD9-HASH-TABLE) "Unspecified site")
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(SETF (GETHASH '"954" ICD9-HASH-TABLE)
      "Injury to other nerve(s) of trunk, excluding shoulder and pelvic girdles")
(SETF (GETHASH '"954.0" ICD9-HASH-TABLE) "Cervical sympathetic")
(SETF (GETHASH '"954.1" ICD9-HASH-TABLE) "Other sympathetic")
(SETF (GETHASH '"954.8" ICD9-HASH-TABLE)
      "Other specified nerve(s) of trunk")
(SETF (GETHASH '"954.9" ICD9-HASH-TABLE) "Unspecified nerve of trunk")
(SETF (GETHASH '"955" ICD9-HASH-TABLE)
      "Injury to peripheral nerve(s) of shoulder girdle and upper limb")
(SETF (GETHASH '"955.0" ICD9-HASH-TABLE) "Axillary nerve")
(SETF (GETHASH '"955.1" ICD9-HASH-TABLE) "Median nerve")
(SETF (GETHASH '"955.2" ICD9-HASH-TABLE) "Ulnar nerve")
(SETF (GETHASH '"955.3" ICD9-HASH-TABLE) "Radial nerve")
(SETF (GETHASH '"955.4" ICD9-HASH-TABLE) "Musculocutaneous nerve")
(SETF (GETHASH '"955.5" ICD9-HASH-TABLE)
      "Cutaneous sensory nerve, upper limb")
(SETF (GETHASH '"955.6" ICD9-HASH-TABLE) "Digital nerve")
(SETF (GETHASH '"955.7" ICD9-HASH-TABLE)
      "Other specified nerve(s) of shoulder girdle and upper limb")
(SETF (GETHASH '"955.8" ICD9-HASH-TABLE)
      "Multiple nerves of shoulder girdle and upper limb")
(SETF (GETHASH '"955.9" ICD9-HASH-TABLE)
      "Unspecified nerve of shoulder girdle and upper limb")
(SETF (GETHASH '"956" ICD9-HASH-TABLE)
      "Injury to peripheral nerve(s) of pelvic girdle and lower limb")
(SETF (GETHASH '"956.0" ICD9-HASH-TABLE) "Sciatic nerve")
(SETF (GETHASH '"956.1" ICD9-HASH-TABLE) "Femoral nerve")
(SETF (GETHASH '"956.2" ICD9-HASH-TABLE) "Posterior tibial nerve")
(SETF (GETHASH '"956.3" ICD9-HASH-TABLE) "Peroneal nerve")
(SETF (GETHASH '"956.4" ICD9-HASH-TABLE)
      "Cutaneous sensory nerve, lower limb")
(SETF (GETHASH '"956.5" ICD9-HASH-TABLE)
      "Other specified nerve(s) of pelvic girdle and lower limb")
(SETF (GETHASH '"956.8" ICD9-HASH-TABLE)
      "Multiple nerves of pelvic girdle and lower limb")
(SETF (GETHASH '"956.9" ICD9-HASH-TABLE)
      "Unspecified nerve of pelvic girdle and lower limb")
(SETF (GETHASH '"957" ICD9-HASH-TABLE)
      "Injury to other and unspecified nerves")
(SETF (GETHASH '"957.0" ICD9-HASH-TABLE)
      "Superficial nerves of head and neck")
(SETF (GETHASH '"957.1" ICD9-HASH-TABLE) "Other specified nerve(s)")
(SETF (GETHASH '"957.8" ICD9-HASH-TABLE)
      "Multiple nerves in several parts")
(SETF (GETHASH '"957.9" ICD9-HASH-TABLE) "Unspecified site")
(SETF (GETHASH '"958" ICD9-HASH-TABLE)
      "Certain early complications of trauma")
(SETF (GETHASH '"958.0" ICD9-HASH-TABLE) "Air embolism")
(SETF (GETHASH '"958.1" ICD9-HASH-TABLE) "Fat embolism")
(SETF (GETHASH '"958.2" ICD9-HASH-TABLE)
      "Secondary and recurrent hemorrhage")
(SETF (GETHASH '"958.3" ICD9-HASH-TABLE)
      "Posttraumatic wound infection, not elsewhere classified")
(SETF (GETHASH '"958.4" ICD9-HASH-TABLE) "Traumatic shock")
(SETF (GETHASH '"958.5" ICD9-HASH-TABLE) "Traumatic anuria")
(SETF (GETHASH '"958.6" ICD9-HASH-TABLE)
      "Volkmann's ischemic contracture")
(SETF (GETHASH '"958.7" ICD9-HASH-TABLE)
      "Traumatic subcutaneous emphysema")
(SETF (GETHASH '"958.8" ICD9-HASH-TABLE)
      "Other early complications of trauma")
(SETF (GETHASH '"959" ICD9-HASH-TABLE) "Injury, other and unspecified")
(SETF (GETHASH '"959.0" ICD9-HASH-TABLE) "Face and neck")
(SETF (GETHASH '"959.01" ICD9-HASH-TABLE) "Head injury, unspecified")
(SETF (GETHASH '"959.09" ICD9-HASH-TABLE) "Injury of face and neck")
(SETF (GETHASH '"959.1" ICD9-HASH-TABLE) "Trunk")
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(SETF (GETHASH '"959.2" ICD9-HASH-TABLE) "Shoulder and upper arm")
(SETF (GETHASH '"959.3" ICD9-HASH-TABLE) "Elbow, forearm, and wrist")
(SETF (GETHASH '"959.4" ICD9-HASH-TABLE) "Hand, except finger")
(SETF (GETHASH '"959.5" ICD9-HASH-TABLE) "Finger")
(SETF (GETHASH '"959.6" ICD9-HASH-TABLE) "Hip and thigh")
(SETF (GETHASH '"959.7" ICD9-HASH-TABLE) "Knee, leg, ankle, and foot")
(SETF (GETHASH '"959.8" ICD9-HASH-TABLE)
      "Other specified sites, including multiple")
(SETF (GETHASH '"959.9" ICD9-HASH-TABLE) "Unspecified site")
(SETF (GETHASH '"960" ICD9-HASH-TABLE) "Poisoning by antibiotics")
(SETF (GETHASH '"960.0" ICD9-HASH-TABLE) "Penicillins")
(SETF (GETHASH '"960.1" ICD9-HASH-TABLE) "Antifungal antibiotics")
(SETF (GETHASH '"960.2" ICD9-HASH-TABLE) "Chloramphenicol group")
(SETF (GETHASH '"960.3" ICD9-HASH-TABLE)
      "Erythromycin and other macrolides")
(SETF (GETHASH '"960.4" ICD9-HASH-TABLE) "Tetracycline group")
(SETF (GETHASH '"960.5" ICD9-HASH-TABLE) "Cephalosporin group")
(SETF (GETHASH '"960.6" ICD9-HASH-TABLE) "Antimycobacterial antibiotics")
(SETF (GETHASH '"960.7" ICD9-HASH-TABLE) "Antineoplastic antibiotics")
(SETF (GETHASH '"960.8" ICD9-HASH-TABLE) "Other specified antibiotics")
(SETF (GETHASH '"960.9" ICD9-HASH-TABLE) "Unspecified antibiotic")
(SETF (GETHASH '"961" ICD9-HASH-TABLE)
      "Poisoning by other anti-infectives")
(SETF (GETHASH '"961.0" ICD9-HASH-TABLE) "Sulfonamides")
(SETF (GETHASH '"961.1" ICD9-HASH-TABLE) "Arsenical anti-infectives")
(SETF (GETHASH '"961.2" ICD9-HASH-TABLE) "Heavy metal anti-infectives")
(SETF (GETHASH '"961.3" ICD9-HASH-TABLE)
      "Quinoline and hydroxyquinoline derivatives")
(SETF (GETHASH '"961.4" ICD9-HASH-TABLE)
      "Antimalarials and drugs acting on other blood protozoa")
(SETF (GETHASH '"961.5" ICD9-HASH-TABLE) "Other antiprotozoal drugs")
(SETF (GETHASH '"961.6" ICD9-HASH-TABLE) "Anthelmintics")
(SETF (GETHASH '"961.7" ICD9-HASH-TABLE) "Antiviral drugs")
(SETF (GETHASH '"961.8" ICD9-HASH-TABLE) "Other antimycobacterial drugs")
(SETF (GETHASH '"961.9" ICD9-HASH-TABLE)
      "Other and unspecified anti-infectives")
(SETF (GETHASH '"962" ICD9-HASH-TABLE)
      "Poisoning by hormones and synthetic substitutes")
(SETF (GETHASH '"962.0" ICD9-HASH-TABLE) "Adrenal cortical steroids")
(SETF (GETHASH '"962.1" ICD9-HASH-TABLE)
      "Androgens and anabolic congeners")
(SETF (GETHASH '"962.2" ICD9-HASH-TABLE)
      "Ovarian hormones and synthetic substitutes")
(SETF (GETHASH '"962.3" ICD9-HASH-TABLE)
      "Insulins and antidiabetic agents")
(SETF (GETHASH '"962.4" ICD9-HASH-TABLE) "Anterior pituitary hormones")
(SETF (GETHASH '"962.5" ICD9-HASH-TABLE) "Posterior pituitary hormones")
(SETF (GETHASH '"962.6" ICD9-HASH-TABLE)
      "Parathyroid and parathyroid derivatives")
(SETF (GETHASH '"962.7" ICD9-HASH-TABLE)
      "Thyroid and thyroid derivatives")
(SETF (GETHASH '"962.8" ICD9-HASH-TABLE) "Antithyroid agents")
(SETF (GETHASH '"962.9" ICD9-HASH-TABLE)
      "Other and unspecified hormones and synthetic substitutes")
(SETF (GETHASH '"963" ICD9-HASH-TABLE)
      "Poisoning by primarily systemic agents")
(SETF (GETHASH '"963.0" ICD9-HASH-TABLE)
      "Antiallergic and antiemetic drugs")
(SETF (GETHASH '"963.1" ICD9-HASH-TABLE)
      "Antineoplastic and immunosuppressive drugs")
(SETF (GETHASH '"963.2" ICD9-HASH-TABLE) "Acidifying agents")
(SETF (GETHASH '"963.3" ICD9-HASH-TABLE) "Alkalizing agents")
(SETF (GETHASH '"963.4" ICD9-HASH-TABLE)
      "Enzymes, not elsewhere classified")
(SETF (GETHASH '"963.5" ICD9-HASH-TABLE)
      "Vitamins, not elsewhere classified")
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(SETF (GETHASH '"963.8" ICD9-HASH-TABLE)
      "Other specified systemic agents")
(SETF (GETHASH '"963.9" ICD9-HASH-TABLE) "Unspecified systemic agent")
(SETF (GETHASH '"964" ICD9-HASH-TABLE)
      "Poisoning by agents primarily affecting blood constituents")
(SETF (GETHASH '"964.0" ICD9-HASH-TABLE) "Iron and its compounds")
(SETF (GETHASH '"964.1" ICD9-HASH-TABLE)
      "Liver preparations and other antianemic agents")
(SETF (GETHASH '"964.2" ICD9-HASH-TABLE) "Anticoagulants")
(SETF (GETHASH '"964.3" ICD9-HASH-TABLE) "Vitamin K [phytonadione]")
(SETF (GETHASH '"964.4" ICD9-HASH-TABLE) "Fibrinolysis-affecting drugs")
(SETF (GETHASH '"964.5" ICD9-HASH-TABLE)
      "Anticoagulant antagonists and other coagulants")
(SETF (GETHASH '"964.6" ICD9-HASH-TABLE) "Gamma globulin")
(SETF (GETHASH '"964.7" ICD9-HASH-TABLE)
      "Natural blood and blood products")
(SETF (GETHASH '"964.8" ICD9-HASH-TABLE)
      "Other specified agents affecting blood constituents")
(SETF (GETHASH '"964.9" ICD9-HASH-TABLE)
      "Unspecified agents affecting blood constituents")
(SETF (GETHASH '"965" ICD9-HASH-TABLE)
      "Poisoning by analgesics, antipyretics, and antirheumatics")
(SETF (GETHASH '"965.0" ICD9-HASH-TABLE) "Opiates and related narcotics")
(SETF (GETHASH '"965.00" ICD9-HASH-TABLE)
      "Opium (alkaloids), unspecified")
(SETF (GETHASH '"965.01" ICD9-HASH-TABLE) "Heroin")
(SETF (GETHASH '"965.02" ICD9-HASH-TABLE) "Methadone")
(SETF (GETHASH '"965.09" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"965.1" ICD9-HASH-TABLE) "Salicylates")
(SETF (GETHASH '"965.4" ICD9-HASH-TABLE)
      "Aromatic analgesics, not elsewhere classified")
(SETF (GETHASH '"965.5" ICD9-HASH-TABLE) "Pyrazole derivatives")
(SETF (GETHASH '"965.6" ICD9-HASH-TABLE)
      "Antirheumatics [antiphlogistics]")
(SETF (GETHASH '"965.7" ICD9-HASH-TABLE) "Other non-narcotic analgesics")
(SETF (GETHASH '"965.8" ICD9-HASH-TABLE)
      "Other specified analgesics and antipyretics")
(SETF (GETHASH '"965.9" ICD9-HASH-TABLE)
      "Unspecified analgesic and antipyretic")
(SETF (GETHASH '"966" ICD9-HASH-TABLE)
      "Poisoning by anticonvulsants and anti-Parkinsonism drugs")
(SETF (GETHASH '"966.0" ICD9-HASH-TABLE) "Oxazolidine derivatives")
(SETF (GETHASH '"966.1" ICD9-HASH-TABLE) "Hydantoin derivatives")
(SETF (GETHASH '"966.2" ICD9-HASH-TABLE) "Succinimides")
(SETF (GETHASH '"966.3" ICD9-HASH-TABLE)
      "Other and unspecified anticonvulsants")
(SETF (GETHASH '"966.4" ICD9-HASH-TABLE) "Anti-Parkinsonism drugs")
(SETF (GETHASH '"967" ICD9-HASH-TABLE)
      "Poisoning by sedatives and hypnotics")
(SETF (GETHASH '"967.0" ICD9-HASH-TABLE) "Barbiturates")
(SETF (GETHASH '"967.1" ICD9-HASH-TABLE) "Chloral hydrate group")
(SETF (GETHASH '"967.2" ICD9-HASH-TABLE) "Paraldehyde")
(SETF (GETHASH '"967.3" ICD9-HASH-TABLE) "Bromine compounds")
(SETF (GETHASH '"967.4" ICD9-HASH-TABLE) "Methaqualone compounds")
(SETF (GETHASH '"967.5" ICD9-HASH-TABLE) "Glutethimide group")
(SETF (GETHASH '"967.6" ICD9-HASH-TABLE)
      "Mixed sedatives, not elsewhere classified")
(SETF (GETHASH '"967.8" ICD9-HASH-TABLE) "Other sedatives and hypnotics")
(SETF (GETHASH '"967.9" ICD9-HASH-TABLE)
      "Unspecified sedative or hypnotic")
(SETF (GETHASH '"968" ICD9-HASH-TABLE)
      "Poisoning by other central nervous system depressants and anesthetics anesthetics")
(SETF (GETHASH '"968.0" ICD9-HASH-TABLE)
      "Central nervous system muscle-tone depressants")
(SETF (GETHASH '"968.1" ICD9-HASH-TABLE) "Halothane")
(SETF (GETHASH '"968.2" ICD9-HASH-TABLE) "Other gaseous anesthetics")
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(SETF (GETHASH '"968.3" ICD9-HASH-TABLE) "Intravenous anesthetics")
(SETF (GETHASH '"968.4" ICD9-HASH-TABLE)
      "Other and unspecified general anesthetics")
(SETF (GETHASH '"968.5" ICD9-HASH-TABLE)
      "Surface [topical] and infiltration anesthetics")
(SETF (GETHASH '"968.6" ICD9-HASH-TABLE)
      "Peripheral nerve- and plexus-blocking anesthetics")
(SETF (GETHASH '"968.7" ICD9-HASH-TABLE) "Spinal anesthetics")
(SETF (GETHASH '"968.9" ICD9-HASH-TABLE)
      "Other and unspecified local anesthetics")
(SETF (GETHASH '"969" ICD9-HASH-TABLE)
      "Poisoning by psychotropic agents")
(SETF (GETHASH '"969.0" ICD9-HASH-TABLE) "Antidepressants")
(SETF (GETHASH '"969.1" ICD9-HASH-TABLE)
      "Phenothiazine-based tranquilizers")
(SETF (GETHASH '"969.2" ICD9-HASH-TABLE)
      "Butyrophenone-based tranquilizers")
(SETF (GETHASH '"969.3" ICD9-HASH-TABLE)
      "Other antipsychotics, neuroleptics, and major tranquilizers")
(SETF (GETHASH '"969.4" ICD9-HASH-TABLE)
      "Benzodiazepine-based tranquilizers")
(SETF (GETHASH '"969.5" ICD9-HASH-TABLE) "Other tranquilizers")
(SETF (GETHASH '"969.6" ICD9-HASH-TABLE)
      "Psychodysleptics [hallucinogens]")
(SETF (GETHASH '"969.7" ICD9-HASH-TABLE) "Psychostimulants")
(SETF (GETHASH '"969.8" ICD9-HASH-TABLE)
      "Other specified psychotropic agents")
(SETF (GETHASH '"969.9" ICD9-HASH-TABLE)
      "Unspecified psychotropic agent")
(SETF (GETHASH '"970" ICD9-HASH-TABLE)
      "Poisoning by central nervous system stimulants")
(SETF (GETHASH '"970.0" ICD9-HASH-TABLE) "Analeptics")
(SETF (GETHASH '"970.1" ICD9-HASH-TABLE) "Opiate antagonists")
(SETF (GETHASH '"970.8" ICD9-HASH-TABLE)
      "Other specified central nervous system stimulants")
(SETF (GETHASH '"970.9" ICD9-HASH-TABLE)
      "Unspecified central nervous system stimulant")
(SETF (GETHASH '"971" ICD9-HASH-TABLE)
      "Poisoning by drugs primarily affecting the autonomic nervous system")
(SETF (GETHASH '"971.0" ICD9-HASH-TABLE)
      "Parasympathomimetics [cholinergics]")
(SETF (GETHASH '"971.1" ICD9-HASH-TABLE)
      "Parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics")
(SETF (GETHASH '"971.2" ICD9-HASH-TABLE)
      "Sympathomimetics [adrenergics]")
(SETF (GETHASH '"971.3" ICD9-HASH-TABLE)
      "Sympatholytics [antiadrenergics]")
(SETF (GETHASH '"971.9" ICD9-HASH-TABLE)
      "Unspecified drug primarily affecting autonomic nervous system")
(SETF (GETHASH '"972" ICD9-HASH-TABLE)
      "Poisoning by agents primarily affecting the cardiovascular system")
(SETF (GETHASH '"972.0" ICD9-HASH-TABLE) "Cardiac rhythm regulators")
(SETF (GETHASH '"972.1" ICD9-HASH-TABLE)
      "Cardiotonic glycosides and drugs of similar action")
(SETF (GETHASH '"972.2" ICD9-HASH-TABLE)
      "Antilipemic and antiarteriosclerotic drugs")
(SETF (GETHASH '"972.3" ICD9-HASH-TABLE) "Ganglion-blocking agents")
(SETF (GETHASH '"972.4" ICD9-HASH-TABLE) "Coronary vasodilators")
(SETF (GETHASH '"972.5" ICD9-HASH-TABLE) "Other vasodilators")
(SETF (GETHASH '"972.6" ICD9-HASH-TABLE) "Other antihypertensive agents")
(SETF (GETHASH '"972.7" ICD9-HASH-TABLE)
      "Antivaricose drugs, including sclerosing agents")
(SETF (GETHASH '"972.8" ICD9-HASH-TABLE) "Capillary-active drugs")
(SETF (GETHASH '"972.9" ICD9-HASH-TABLE)
      "Other and unspecified agents primarily affecting the cardiovascular system")
(SETF (GETHASH '"973" ICD9-HASH-TABLE)
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      "Poisoning by agents primarily affecting the gastrointestinal system")
(SETF (GETHASH '"973.0" ICD9-HASH-TABLE)
      "Antacids and antigastric secretion drugs")
(SETF (GETHASH '"973.1" ICD9-HASH-TABLE) "Irritant cathartics")
(SETF (GETHASH '"973.2" ICD9-HASH-TABLE) "Emollient cathartics")
(SETF (GETHASH '"973.3" ICD9-HASH-TABLE)
      "Other cathartics, including intestinal atonia drugs")
(SETF (GETHASH '"973.4" ICD9-HASH-TABLE) "Digestants")
(SETF (GETHASH '"973.5" ICD9-HASH-TABLE) "Antidiarrheal drugs")
(SETF (GETHASH '"973.6" ICD9-HASH-TABLE) "Emetics")
(SETF (GETHASH '"973.8" ICD9-HASH-TABLE)
      "Other specified agents primarily affecting the gastrointestinal system")
(SETF (GETHASH '"973.9" ICD9-HASH-TABLE)
      "Unspecified agent primarily affecting the gastrointestinal system")
(SETF (GETHASH '"974" ICD9-HASH-TABLE)
      "Poisoning by water, mineral, and uric acid metabolism drugs")
(SETF (GETHASH '"974.0" ICD9-HASH-TABLE) "Mercurial diuretics")
(SETF (GETHASH '"974.1" ICD9-HASH-TABLE) "Purine derivative diuretics")
(SETF (GETHASH '"974.2" ICD9-HASH-TABLE)
      "Carbonic acid anhydrase inhibitors")
(SETF (GETHASH '"974.3" ICD9-HASH-TABLE) "Saluretics")
(SETF (GETHASH '"974.4" ICD9-HASH-TABLE) "Other diuretics")
(SETF (GETHASH '"974.5" ICD9-HASH-TABLE)
      "Electrolytic, caloric, and water-balance agents")
(SETF (GETHASH '"974.6" ICD9-HASH-TABLE)
      "Other mineral salts, not elsewhere classified")
(SETF (GETHASH '"974.7" ICD9-HASH-TABLE) "Uric acid metabolism drugs")
(SETF (GETHASH '"975" ICD9-HASH-TABLE)
      "Poisoning by agents primarily acting on the smooth and skeletal muscles and respiratory system")
(SETF (GETHASH '"975.0" ICD9-HASH-TABLE) "Oxytocic agents")
(SETF (GETHASH '"975.1" ICD9-HASH-TABLE) "Smooth muscle relaxants")
(SETF (GETHASH '"975.2" ICD9-HASH-TABLE) "Skeletal muscle relaxants")
(SETF (GETHASH '"975.3" ICD9-HASH-TABLE)
      "Other and unspecified drugs acting on muscles")
(SETF (GETHASH '"975.4" ICD9-HASH-TABLE) "Antitussives")
(SETF (GETHASH '"975.5" ICD9-HASH-TABLE) "Expectorants")
(SETF (GETHASH '"975.6" ICD9-HASH-TABLE) "Anti-common cold drugs")
(SETF (GETHASH '"975.7" ICD9-HASH-TABLE) "Antiasthmatics")
(SETF (GETHASH '"975.8" ICD9-HASH-TABLE)
      "Other and unspecified respiratory drugs")
(SETF (GETHASH '"976" ICD9-HASH-TABLE)
      "Poisoning by agents primarily affecting skin and mucous membrane, opthalmological, otorhinolaryngological, and dental drugs")
(SETF (GETHASH '"976.0" ICD9-HASH-TABLE)
      "Local anti-infectives and anti-inflammatory drugs")
(SETF (GETHASH '"976.1" ICD9-HASH-TABLE) "Antipruritics")
(SETF (GETHASH '"976.2" ICD9-HASH-TABLE)
      "Local astringents and local detergents")
(SETF (GETHASH '"976.3" ICD9-HASH-TABLE)
      "Emollients, demulcents, and protectants")
(SETF (GETHASH '"976.4" ICD9-HASH-TABLE)
      "Keratolytics, keratoplastics, other hair treatment drugs and preparations")
(SETF (GETHASH '"976.5" ICD9-HASH-TABLE)
      "Eye anti-infectives and other eye drugs")
(SETF (GETHASH '"976.6" ICD9-HASH-TABLE)
      "Anti-infectives and other drugs and preparations for ear, nose, and throat")
(SETF (GETHASH '"976.7" ICD9-HASH-TABLE)
      "Dental drugs topically applied")
(SETF (GETHASH '"976.8" ICD9-HASH-TABLE)
      "Other agents primarily affecting skin and mucous membrane")
(SETF (GETHASH '"976.9" ICD9-HASH-TABLE)
      "Unspecified agent primarily affecting skin and mucous membrane")
(SETF (GETHASH '"977" ICD9-HASH-TABLE)
      "Poisoning by other and unspecified drugs and medicinal substances")
(SETF (GETHASH '"977.0" ICD9-HASH-TABLE) "Dietetics")
(SETF (GETHASH '"977.1" ICD9-HASH-TABLE) "Lipotropic drugs")
(SETF (GETHASH '"977.2" ICD9-HASH-TABLE)
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      "Antidotes and chelating agents, not elsewhere classified")
(SETF (GETHASH '"977.3" ICD9-HASH-TABLE) "Alcohol deterrents")
(SETF (GETHASH '"977.4" ICD9-HASH-TABLE) "Pharmaceutical excipients")
(SETF (GETHASH '"977.8" ICD9-HASH-TABLE)
      "Other specified drugs and medicinal substances")
(SETF (GETHASH '"977.9" ICD9-HASH-TABLE)
      "Unspecified drug or medicinal substance")
(SETF (GETHASH '"978" ICD9-HASH-TABLE) "Poisoning by bacterial vaccines")
(SETF (GETHASH '"978.0" ICD9-HASH-TABLE) "BCG")
(SETF (GETHASH '"978.1" ICD9-HASH-TABLE) "Typhoid and paratyphoid")
(SETF (GETHASH '"978.2" ICD9-HASH-TABLE) "Cholera")
(SETF (GETHASH '"978.3" ICD9-HASH-TABLE) "Plague")
(SETF (GETHASH '"978.4" ICD9-HASH-TABLE) "Tetanus")
(SETF (GETHASH '"978.5" ICD9-HASH-TABLE) "Diphtheria")
(SETF (GETHASH '"978.6" ICD9-HASH-TABLE)
      "Pertussis vaccine, including combinations with a pertussis component")
(SETF (GETHASH '"978.8" ICD9-HASH-TABLE)
      "Other and unspecified bacterial vaccines")
(SETF (GETHASH '"978.9" ICD9-HASH-TABLE)
      "Mixed bacterial vaccines, except combinations with a pertussis component")
(SETF (GETHASH '"979" ICD9-HASH-TABLE)
      "Poisoning by other vaccines and biological substances")
(SETF (GETHASH '"979.0" ICD9-HASH-TABLE) "Smallpox vaccine")
(SETF (GETHASH '"979.1" ICD9-HASH-TABLE) "Rabies vaccine")
(SETF (GETHASH '"979.2" ICD9-HASH-TABLE) "Typhus vaccine")
(SETF (GETHASH '"979.3" ICD9-HASH-TABLE) "Yellow fever vaccine")
(SETF (GETHASH '"979.4" ICD9-HASH-TABLE) "Measles vaccine")
(SETF (GETHASH '"979.5" ICD9-HASH-TABLE) "Poliomyelitis vaccine")
(SETF (GETHASH '"979.6" ICD9-HASH-TABLE)
      "Other and unspecified viral and rickettsial vaccines")
(SETF (GETHASH '"979.7" ICD9-HASH-TABLE)
      "Mixed viral-rickettsial and bacterial vaccines, except combinations with a pertussis component")
(SETF (GETHASH '"979.9" ICD9-HASH-TABLE)
      "Other and unspecified vaccines and biological substances")
(SETF (GETHASH '"980" ICD9-HASH-TABLE) "Toxic effect of alcohol")
(SETF (GETHASH '"980.0" ICD9-HASH-TABLE) "Ethyl alcohol")
(SETF (GETHASH '"980.1" ICD9-HASH-TABLE) "Methyl alcohol")
(SETF (GETHASH '"980.2" ICD9-HASH-TABLE) "Isopropyl alcohol")
(SETF (GETHASH '"980.3" ICD9-HASH-TABLE) "Fusel oil")
(SETF (GETHASH '"980.8" ICD9-HASH-TABLE) "Other specified alcohols")
(SETF (GETHASH '"980.9" ICD9-HASH-TABLE) "Unspecified alcohol")
(SETF (GETHASH '"981" ICD9-HASH-TABLE)
      "Toxic effect of petroleum products")
(SETF (GETHASH '"982" ICD9-HASH-TABLE)
      "Toxic effect of solvents other than petroleum based")
(SETF (GETHASH '"982.0" ICD9-HASH-TABLE) "Benzene and homologues")
(SETF (GETHASH '"982.1" ICD9-HASH-TABLE) "Carbon tetrachloride")
(SETF (GETHASH '"982.2" ICD9-HASH-TABLE) "Carbon disulfide")
(SETF (GETHASH '"982.3" ICD9-HASH-TABLE)
      "Other chlorinated hydrocarbon solvents")
(SETF (GETHASH '"982.4" ICD9-HASH-TABLE) "Nitroglycol")
(SETF (GETHASH '"982.8" ICD9-HASH-TABLE)
      "Other nonpetroleum-based solvents")
(SETF (GETHASH '"983" ICD9-HASH-TABLE)
      "Toxic effect of corrosive aromatics, acids, and caustic alkalis")
(SETF (GETHASH '"983.0" ICD9-HASH-TABLE) "Corrosive aromatics")
(SETF (GETHASH '"983.1" ICD9-HASH-TABLE) "Acids")
(SETF (GETHASH '"983.2" ICD9-HASH-TABLE) "Caustic alkalis")
(SETF (GETHASH '"983.9" ICD9-HASH-TABLE) "Caustic, unspecified")
(SETF (GETHASH '"984" ICD9-HASH-TABLE)
      "Toxic effect of lead and its compounds (including fumes)")
(SETF (GETHASH '"984.0" ICD9-HASH-TABLE) "Inorganic lead compounds")
(SETF (GETHASH '"984.1" ICD9-HASH-TABLE) "Organic lead compounds")
(SETF (GETHASH '"984.8" ICD9-HASH-TABLE) "Other lead compounds")
(SETF (GETHASH '"984.9" ICD9-HASH-TABLE) "Unspecified lead compound")
(SETF (GETHASH '"985" ICD9-HASH-TABLE) "Toxic effect of other metals")
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(SETF (GETHASH '"985.0" ICD9-HASH-TABLE) "Mercury and its compounds")
(SETF (GETHASH '"985.1" ICD9-HASH-TABLE) "Arsenic and its compounds")
(SETF (GETHASH '"985.2" ICD9-HASH-TABLE) "Manganese and its compounds")
(SETF (GETHASH '"985.3" ICD9-HASH-TABLE) "Beryllium and its compounds")
(SETF (GETHASH '"985.4" ICD9-HASH-TABLE) "Antimony and its compounds")
(SETF (GETHASH '"985.5" ICD9-HASH-TABLE) "Cadmium and its compounds")
(SETF (GETHASH '"985.6" ICD9-HASH-TABLE) "Chromium")
(SETF (GETHASH '"985.8" ICD9-HASH-TABLE) "Other specified metals")
(SETF (GETHASH '"985.9" ICD9-HASH-TABLE) "Unspecified metal")
(SETF (GETHASH '"986" ICD9-HASH-TABLE) "Toxic effect of carbon monoxide")
(SETF (GETHASH '"987" ICD9-HASH-TABLE)
      "Toxic effect of other gases, fumes, or vapors")
(SETF (GETHASH '"987.0" ICD9-HASH-TABLE) "Liquefied petroleum gases")
(SETF (GETHASH '"987.1" ICD9-HASH-TABLE) "Other hydrocarbon gas")
(SETF (GETHASH '"987.2" ICD9-HASH-TABLE) "Nitrogen oxides")
(SETF (GETHASH '"987.3" ICD9-HASH-TABLE) "Sulfur dioxide")
(SETF (GETHASH '"987.4" ICD9-HASH-TABLE) "Freon")
(SETF (GETHASH '"987.5" ICD9-HASH-TABLE) "Lacrimogenic gas")
(SETF (GETHASH '"987.6" ICD9-HASH-TABLE) "Chlorine gas")
(SETF (GETHASH '"987.7" ICD9-HASH-TABLE) "Hydrocyanic acid gas")
(SETF (GETHASH '"987.8" ICD9-HASH-TABLE)
      "Other specified gases, fumes, or vapors")
(SETF (GETHASH '"987.9" ICD9-HASH-TABLE)
      "Unspecified gas, fume, or vapor")
(SETF (GETHASH '"988" ICD9-HASH-TABLE)
      "Toxic effect of noxious substances eaten as food")
(SETF (GETHASH '"988.0" ICD9-HASH-TABLE) "Fish and shellfish")
(SETF (GETHASH '"988.1" ICD9-HASH-TABLE) "Mushrooms")
(SETF (GETHASH '"988.2" ICD9-HASH-TABLE) "Berries and other plants")
(SETF (GETHASH '"988.8" ICD9-HASH-TABLE)
      "Other specified noxious substances eaten as food")
(SETF (GETHASH '"988.9" ICD9-HASH-TABLE)
      "Unspecified noxious substance eaten as food")
(SETF (GETHASH '"989" ICD9-HASH-TABLE)
      "Toxic effect of other substances, chiefly nonmedicinal as to source")
(SETF (GETHASH '"989.0" ICD9-HASH-TABLE) "Hydrocyanic acid and cyanides")
(SETF (GETHASH '"989.1" ICD9-HASH-TABLE) "Strychnine and salts")
(SETF (GETHASH '"989.2" ICD9-HASH-TABLE) "Chlorinated hydrocarbons")
(SETF (GETHASH '"989.3" ICD9-HASH-TABLE) "Organophosphate and carbamate")
(SETF (GETHASH '"989.4" ICD9-HASH-TABLE)
      "Other pesticides, not elsewhere classified")
(SETF (GETHASH '"989.5" ICD9-HASH-TABLE) "Venom")
(SETF (GETHASH '"989.6" ICD9-HASH-TABLE) "Soaps and detergents")
(SETF (GETHASH '"989.7" ICD9-HASH-TABLE)
      "Aflatoxin and other mycotoxin [food contaminants]")
(SETF (GETHASH '"989.8" ICD9-HASH-TABLE)
      "Other substances, chiefly nonmedicinal as to source")
(SETF (GETHASH '"989.81" ICD9-HASH-TABLE) "Asbestos")
(SETF (GETHASH '"989.82" ICD9-HASH-TABLE) "Latex")
(SETF (GETHASH '"989.83" ICD9-HASH-TABLE) "Silicone")
(SETF (GETHASH '"989.84" ICD9-HASH-TABLE) "Tobacco")
(SETF (GETHASH '"989.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"989.9" ICD9-HASH-TABLE)
      "Unspecified substance, chiefly nonmedicinal as to source")
(SETF (GETHASH '"990" ICD9-HASH-TABLE)
      "Effects of radiation, unspecified")
(SETF (GETHASH '"991" ICD9-HASH-TABLE) "Effects of reduced temperature")
(SETF (GETHASH '"991.0" ICD9-HASH-TABLE) "Frostbite of face")
(SETF (GETHASH '"991.1" ICD9-HASH-TABLE) "Frostbite of hand")
(SETF (GETHASH '"991.2" ICD9-HASH-TABLE) "Frostbite of foot")
(SETF (GETHASH '"991.3" ICD9-HASH-TABLE)
      "Frostbite of other and unspecified sites")
(SETF (GETHASH '"991.4" ICD9-HASH-TABLE) "Immersion foot")
(SETF (GETHASH '"991.5" ICD9-HASH-TABLE) "Chilblains")
(SETF (GETHASH '"991.6" ICD9-HASH-TABLE) "Hypothermia")
(SETF (GETHASH '"991.8" ICD9-HASH-TABLE)
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      "Other specified effects of reduced temperature")
(SETF (GETHASH '"991.9" ICD9-HASH-TABLE)
      "Unspecified effect of reduced temperature")
(SETF (GETHASH '"992" ICD9-HASH-TABLE) "Effects of heat and light")
(SETF (GETHASH '"992.0" ICD9-HASH-TABLE) "Heat stroke and sunstroke")
(SETF (GETHASH '"992.1" ICD9-HASH-TABLE) "Heat syncope")
(SETF (GETHASH '"992.2" ICD9-HASH-TABLE) "Heat cramps")
(SETF (GETHASH '"992.3" ICD9-HASH-TABLE) "Heat exhaustion, anhydrotic")
(SETF (GETHASH '"992.4" ICD9-HASH-TABLE)
      "Heat exhaustion due to salt depletion")
(SETF (GETHASH '"992.5" ICD9-HASH-TABLE) "Heat exhaustion, unspecified")
(SETF (GETHASH '"992.6" ICD9-HASH-TABLE) "Heat fatigue, transient")
(SETF (GETHASH '"992.7" ICD9-HASH-TABLE) "Heat edema")
(SETF (GETHASH '"992.8" ICD9-HASH-TABLE) "Other specified heat effects")
(SETF (GETHASH '"992.9" ICD9-HASH-TABLE) "Unspecified")
(SETF (GETHASH '"993" ICD9-HASH-TABLE) "Effects of air pressure")
(SETF (GETHASH '"993.0" ICD9-HASH-TABLE) "Barotrauma, otitic")
(SETF (GETHASH '"993.1" ICD9-HASH-TABLE) "Barotrauma, sinus")
(SETF (GETHASH '"993.2" ICD9-HASH-TABLE)
      "Other and unspecified effects of high altitude")
(SETF (GETHASH '"993.3" ICD9-HASH-TABLE) "Caisson disease")
(SETF (GETHASH '"993.4" ICD9-HASH-TABLE)
      "Effects of air pressure caused by explosion")
(SETF (GETHASH '"993.8" ICD9-HASH-TABLE)
      "Other specified effects of air pressure")
(SETF (GETHASH '"993.9" ICD9-HASH-TABLE)
      "Unspecified effect of air pressure")
(SETF (GETHASH '"994" ICD9-HASH-TABLE)
      "Effects of other external causes")
(SETF (GETHASH '"994.0" ICD9-HASH-TABLE) "Effects of lightning")
(SETF (GETHASH '"994.1" ICD9-HASH-TABLE)
      "Drowning and nonfatal submersion")
(SETF (GETHASH '"994.2" ICD9-HASH-TABLE) "Effects of hunger")
(SETF (GETHASH '"994.3" ICD9-HASH-TABLE) "Effects of thirst")
(SETF (GETHASH '"994.4" ICD9-HASH-TABLE) "Exhaustion due to exposure")
(SETF (GETHASH '"994.5" ICD9-HASH-TABLE)
      "Exhaustion due to excessive exertion")
(SETF (GETHASH '"994.6" ICD9-HASH-TABLE) "Motion sickness")
(SETF (GETHASH '"994.7" ICD9-HASH-TABLE)
      "Asphyxiation and strangulation")
(SETF (GETHASH '"994.8" ICD9-HASH-TABLE)
      "Electrocution and nonfatal effects of electric current")
(SETF (GETHASH '"994.9" ICD9-HASH-TABLE)
      "Other effects of external causes")
(SETF (GETHASH '"995" ICD9-HASH-TABLE)
      "Certain adverse effects not elsewhere classified")
(SETF (GETHASH '"995.0" ICD9-HASH-TABLE) "Other anaphylactic shock")
(SETF (GETHASH '"995.1" ICD9-HASH-TABLE) "Angioneurotic edema")
(SETF (GETHASH '"995.2" ICD9-HASH-TABLE)
      "Unspecified adverse effect of drug, medicinal and biological substance (due) to correct medicinal substance properly administered")
(SETF (GETHASH '"995.3" ICD9-HASH-TABLE) "Allergy, unspecified")
(SETF (GETHASH '"995.4" ICD9-HASH-TABLE) "Shock due to anesthesia")
(SETF (GETHASH '"995.5" ICD9-HASH-TABLE) "Child maltreatment syndrome")
(SETF (GETHASH '"995.50" ICD9-HASH-TABLE) "Child abuse, unspecified")
(SETF (GETHASH '"995.51" ICD9-HASH-TABLE)
      "Child emotional/psychological abuse")
(SETF (GETHASH '"995.52" ICD9-HASH-TABLE) "Child neglect (nutritional)")
(SETF (GETHASH '"995.53" ICD9-HASH-TABLE) "Child sexual abuse")
(SETF (GETHASH '"995.54" ICD9-HASH-TABLE) "Child physical abuse")
(SETF (GETHASH '"995.55" ICD9-HASH-TABLE) "Shaken infant syndrome")
(SETF (GETHASH '"995.59" ICD9-HASH-TABLE)
      "Other child abuse and neglect")
(SETF (GETHASH '"995.6" ICD9-HASH-TABLE)
      "Anaphylactic shock due to adverse food reaction")
(SETF (GETHASH '"995.60" ICD9-HASH-TABLE) "Due to unspecified food")
(SETF (GETHASH '"995.61" ICD9-HASH-TABLE) "Due to peanuts")
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(SETF (GETHASH '"995.62" ICD9-HASH-TABLE) "Due to crustaceans")
(SETF (GETHASH '"995.63" ICD9-HASH-TABLE) "Due to fruits and vegetables")
(SETF (GETHASH '"995.64" ICD9-HASH-TABLE) "Due to tree nuts and seeds")
(SETF (GETHASH '"995.65" ICD9-HASH-TABLE) "Due to fish")
(SETF (GETHASH '"995.66" ICD9-HASH-TABLE) "Due to food additives")
(SETF (GETHASH '"995.67" ICD9-HASH-TABLE) "Due to milk products")
(SETF (GETHASH '"995.68" ICD9-HASH-TABLE) "Due to eggs")
(SETF (GETHASH '"995.69" ICD9-HASH-TABLE) "Due to other specified food")
(SETF (GETHASH '"995.8" ICD9-HASH-TABLE)
      "Other specified adverse effects, NEC")
(SETF (GETHASH '"995.80" ICD9-HASH-TABLE)
      "Adult maltreatment, unspecified")
(SETF (GETHASH '"995.81" ICD9-HASH-TABLE) "Adult physical abuse")
(SETF (GETHASH '"995.82" ICD9-HASH-TABLE)
      "Adult emotional/psychological abuse")
(SETF (GETHASH '"995.83" ICD9-HASH-TABLE) "Adult sexual abuse")
(SETF (GETHASH '"995.84" ICD9-HASH-TABLE) "Adult neglect (nutritional)")
(SETF (GETHASH '"995.85" ICD9-HASH-TABLE)
      "Other adult abuse and neglect")
(SETF (GETHASH '"995.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"996" ICD9-HASH-TABLE)
      "Complications peculiar to certain specified procedures")
(SETF (GETHASH '"996.0" ICD9-HASH-TABLE)
      "Mechanical complication of cardiac device, implant, and graft")
(SETF (GETHASH '"996.00" ICD9-HASH-TABLE)
      "Unspecified device, implant, and graft")
(SETF (GETHASH '"996.01" ICD9-HASH-TABLE)
      "Due to cardiac pacemaker (electrode)")
(SETF (GETHASH '"996.02" ICD9-HASH-TABLE)
      "Due to heart valve prosthesis")
(SETF (GETHASH '"996.03" ICD9-HASH-TABLE) "Due to coronary bypass graft")
(SETF (GETHASH '"996.04" ICD9-HASH-TABLE)
      "Due to automatic implantable cardiac defibrillator")
(SETF (GETHASH '"996.09" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"996.1" ICD9-HASH-TABLE)
      "Mechanical complication of other vascular device, implant, and graft")
(SETF (GETHASH '"996.2" ICD9-HASH-TABLE)
      "Mechanical complication of nervous system device, implant, and graft")
(SETF (GETHASH '"996.3" ICD9-HASH-TABLE)
      "Mechanical complication of genitourinary device, implant, and graft")
(SETF (GETHASH '"996.30" ICD9-HASH-TABLE)
      "Unspecified device, implant, and graft")
(SETF (GETHASH '"996.31" ICD9-HASH-TABLE)
      "Due to urethral [indwelling] catheter")
(SETF (GETHASH '"996.32" ICD9-HASH-TABLE)
      "Due to intrauterine contraceptive device")
(SETF (GETHASH '"996.39" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"996.4" ICD9-HASH-TABLE)
      "Mechanical complication of internal orthopedic device, implant, and graft")
(SETF (GETHASH '"996.5" ICD9-HASH-TABLE)
      "Mechanical complication of other specified prosthetic device, implant, and graft")
(SETF (GETHASH '"996.51" ICD9-HASH-TABLE) "Due to corneal graft")
(SETF (GETHASH '"996.52" ICD9-HASH-TABLE)
      "Due to graft of other tissue, not elsewhere classified")
(SETF (GETHASH '"996.53" ICD9-HASH-TABLE)
      "Due to ocular lens prosthesis")
(SETF (GETHASH '"996.54" ICD9-HASH-TABLE) "Due to breast prosthesis")
(SETF (GETHASH '"996.59" ICD9-HASH-TABLE)
      "Due to other implant and internal device, not elsewhere classified")
(SETF (GETHASH '"996.6" ICD9-HASH-TABLE)
      "Infection and inflammatory reaction due to internal prosthetic device, implant, and graft")
(SETF (GETHASH '"996.60" ICD9-HASH-TABLE)
      "Due to unspecified device, implant and graft")
(SETF (GETHASH '"996.61" ICD9-HASH-TABLE)
      "Due to cardiac device, implant and graft")
(SETF (GETHASH '"996.62" ICD9-HASH-TABLE)
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      "Due to vascular device, implant and graft")
(SETF (GETHASH '"996.63" ICD9-HASH-TABLE)
      "Due to nervous system device, implant and graft")
(SETF (GETHASH '"996.64" ICD9-HASH-TABLE)
      "Due to indwelling urinary catheter")
(SETF (GETHASH '"996.65" ICD9-HASH-TABLE)
      "Due to other genitourinary device, implant and graft")
(SETF (GETHASH '"996.66" ICD9-HASH-TABLE)
      "Due to internal joint prosthesis")
(SETF (GETHASH '"996.67" ICD9-HASH-TABLE)
      "Due to other internal orthopedic device, implant and graft")
(SETF (GETHASH '"996.69" ICD9-HASH-TABLE)
      "Due to other internal prosthetic device, implant, and graft")
(SETF (GETHASH '"996.7" ICD9-HASH-TABLE)
      "Other complications of internal (biological) (synthetic) prosthetic device, implant, and graft")
(SETF (GETHASH '"996.70" ICD9-HASH-TABLE)
      "Due to unspecified device, implant, and graft")
(SETF (GETHASH '"996.71" ICD9-HASH-TABLE)
      "Due to heart valve prosthesis")
(SETF (GETHASH '"996.72" ICD9-HASH-TABLE)
      "Due to other cardiac device, implant, and graft")
(SETF (GETHASH '"996.73" ICD9-HASH-TABLE)
      "Due to renal dialysis device, implant, and graft")
(SETF (GETHASH '"996.74" ICD9-HASH-TABLE)
      "Due to vascular device, implant, and graft")
(SETF (GETHASH '"996.75" ICD9-HASH-TABLE)
      "Due to nervous system device, implant, and graft")
(SETF (GETHASH '"996.76" ICD9-HASH-TABLE)
      "Due to genitourinary device, implant, and graft")
(SETF (GETHASH '"996.77" ICD9-HASH-TABLE)
      "Due to internal joint prosthesis")
(SETF (GETHASH '"996.78" ICD9-HASH-TABLE)
      "Due to other internal orthopedic device, implant, and graft")
(SETF (GETHASH '"996.79" ICD9-HASH-TABLE)
      "Due to other internal prosthetic device, implant, and graft")
(SETF (GETHASH '"996.8" ICD9-HASH-TABLE)
      "Complications of transplanted organ")
(SETF (GETHASH '"996.80" ICD9-HASH-TABLE)
      "Transplanted organ, unspecified")
(SETF (GETHASH '"996.81" ICD9-HASH-TABLE) "Kidney")
(SETF (GETHASH '"996.82" ICD9-HASH-TABLE) "Liver")
(SETF (GETHASH '"996.83" ICD9-HASH-TABLE) "Heart")
(SETF (GETHASH '"996.84" ICD9-HASH-TABLE) "Lung")
(SETF (GETHASH '"996.85" ICD9-HASH-TABLE) "Bone marrow")
(SETF (GETHASH '"996.86" ICD9-HASH-TABLE) "Pancreas")
(SETF (GETHASH '"996.89" ICD9-HASH-TABLE)
      "Other specified transplanted organ")
(SETF (GETHASH '"996.9" ICD9-HASH-TABLE)
      "Complications of reattached extremity or body part")
(SETF (GETHASH '"996.90" ICD9-HASH-TABLE) "Unspecified extremity")
(SETF (GETHASH '"996.91" ICD9-HASH-TABLE) "Forearm")
(SETF (GETHASH '"996.92" ICD9-HASH-TABLE) "Hand")
(SETF (GETHASH '"996.93" ICD9-HASH-TABLE) "Finger(s)")
(SETF (GETHASH '"996.94" ICD9-HASH-TABLE)
      "Upper extremity, other and unspecified")
(SETF (GETHASH '"996.95" ICD9-HASH-TABLE) "Foot and toe(s)")
(SETF (GETHASH '"996.96" ICD9-HASH-TABLE)
      "Lower extremity, other and unspecified")
(SETF (GETHASH '"996.99" ICD9-HASH-TABLE) "Other specified body part")
(SETF (GETHASH '"997" ICD9-HASH-TABLE)
      "Complications affecting specified body systems, not elsewhere classified")
(SETF (GETHASH '"997.0" ICD9-HASH-TABLE) "Nervous system complications")
(SETF (GETHASH '"997.00" ICD9-HASH-TABLE)
      "Nervous system complication, unspecified")
(SETF (GETHASH '"997.01" ICD9-HASH-TABLE)
      "Central nervous system complication")
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(SETF (GETHASH '"997.02" ICD9-HASH-TABLE)
      "Iatrogenic cerebrovascular infarction or hemorrhage")
(SETF (GETHASH '"997.09" ICD9-HASH-TABLE)
      "Other nervous system complications")
(SETF (GETHASH '"997.1" ICD9-HASH-TABLE) "Cardiac complications")
(SETF (GETHASH '"997.2" ICD9-HASH-TABLE)
      "Peripheral vascular complications")
(SETF (GETHASH '"997.3" ICD9-HASH-TABLE) "Respiratory complications")
(SETF (GETHASH '"997.4" ICD9-HASH-TABLE)
      "Digestive system complications")
(SETF (GETHASH '"997.5" ICD9-HASH-TABLE) "Urinary complications")
(SETF (GETHASH '"997.6" ICD9-HASH-TABLE) "Amputation stump complication")
(SETF (GETHASH '"997.60" ICD9-HASH-TABLE) "Unspecified complication")
(SETF (GETHASH '"997.61" ICD9-HASH-TABLE) "Neuroma of amputation stump")
(SETF (GETHASH '"997.62" ICD9-HASH-TABLE) "Infection (chronic)")
(SETF (GETHASH '"997.69" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"997.9" ICD9-HASH-TABLE)
      "Complications affecting other specified body systems, not elsewhere classified")
(SETF (GETHASH '"997.91" ICD9-HASH-TABLE) "Hypertension")
(SETF (GETHASH '"997.99" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"998" ICD9-HASH-TABLE)
      "Other complications of procedures, NEC")
(SETF (GETHASH '"998.0" ICD9-HASH-TABLE) "Postoperative shock")
(SETF (GETHASH '"998.1" ICD9-HASH-TABLE)
      "Hemorrhage or hematoma or seroma complicating a procedure")
(SETF (GETHASH '"998.11" ICD9-HASH-TABLE)
      "Hemorrhage complicating a procedure")
(SETF (GETHASH '"998.12" ICD9-HASH-TABLE)
      "Hematoma complicating a procedure")
(SETF (GETHASH '"998.13" ICD9-HASH-TABLE)
      "Seroma complicating a procedure")
(SETF (GETHASH '"998.2" ICD9-HASH-TABLE)
      "Accidental puncture or laceration during a procedure")
(SETF (GETHASH '"998.3" ICD9-HASH-TABLE) "Disruption of operation wound")
(SETF (GETHASH '"998.4" ICD9-HASH-TABLE)
      "Foreign body accidentally left during a procedure")
(SETF (GETHASH '"998.5" ICD9-HASH-TABLE) "Postoperative infection")
(SETF (GETHASH '"998.51" ICD9-HASH-TABLE)
      "Infected postoperative seroma")
(SETF (GETHASH '"998.59" ICD9-HASH-TABLE)
      "Other postoperative infection")
(SETF (GETHASH '"998.6" ICD9-HASH-TABLE)
      "Persistent postoperative fistula")
(SETF (GETHASH '"998.7" ICD9-HASH-TABLE)
      "Acute reaction to foreign substance accidentally left during a procedure")
(SETF (GETHASH '"998.8" ICD9-HASH-TABLE)
      "Other specified complications of procedures, not elsewhere classified")
(SETF (GETHASH '"998.81" ICD9-HASH-TABLE)
      "Emphysema (subcutaneous) (surgical) resulting from a procedure")
(SETF (GETHASH '"998.82" ICD9-HASH-TABLE)
      "Cataract fragments in eye following cataract surgery")
(SETF (GETHASH '"998.83" ICD9-HASH-TABLE) "Non-healing surgical wound")
(SETF (GETHASH '"998.89" ICD9-HASH-TABLE)
      "Other specified complications")
(SETF (GETHASH '"998.9" ICD9-HASH-TABLE)
      "Unspecified complication of procedure, not elsewhere classified")
(SETF (GETHASH '"999" ICD9-HASH-TABLE)
      "Complications of medical care, not elsewhere classified")
(SETF (GETHASH '"999.0" ICD9-HASH-TABLE) "Generalized vaccinia")
(SETF (GETHASH '"999.1" ICD9-HASH-TABLE) "Air embolism")
(SETF (GETHASH '"999.2" ICD9-HASH-TABLE) "Other vascular complications")
(SETF (GETHASH '"999.3" ICD9-HASH-TABLE) "Other infection")
(SETF (GETHASH '"999.4" ICD9-HASH-TABLE)
      "Anaphylactic shock due to serum")
(SETF (GETHASH '"999.5" ICD9-HASH-TABLE) "Other serum reaction")
(SETF (GETHASH '"999.6" ICD9-HASH-TABLE) "ABO incompatibility reaction")
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(SETF (GETHASH '"999.7" ICD9-HASH-TABLE) "Rh incompatibility reaction")
(SETF (GETHASH '"999.8" ICD9-HASH-TABLE) "Other transfusion reaction")
(SETF (GETHASH '"999.9" ICD9-HASH-TABLE)
      "Other and unspecified complications of medical care, not elsewhere classified")
(SETF (GETHASH '"V01" ICD9-HASH-TABLE)
      "Contact with or exposure to communicable diseases")
(SETF (GETHASH '"V01.0" ICD9-HASH-TABLE) "Cholera")
(SETF (GETHASH '"V01.1" ICD9-HASH-TABLE) "Tuberculosis")
(SETF (GETHASH '"V01.2" ICD9-HASH-TABLE) "Poliomyelitis")
(SETF (GETHASH '"V01.3" ICD9-HASH-TABLE) "Smallpox")
(SETF (GETHASH '"V01.4" ICD9-HASH-TABLE) "Rubella")
(SETF (GETHASH '"V01.5" ICD9-HASH-TABLE) "Rabies")
(SETF (GETHASH '"V01.6" ICD9-HASH-TABLE) "Venereal diseases")
(SETF (GETHASH '"V01.7" ICD9-HASH-TABLE) "Other viral diseases")
(SETF (GETHASH '"V01.8" ICD9-HASH-TABLE) "Other communicable diseases")
(SETF (GETHASH '"V01.9" ICD9-HASH-TABLE)
      "Unspecified communicable disease")
(SETF (GETHASH '"V02" ICD9-HASH-TABLE)
      "Carrier or suspected carrier of infectious diseases")
(SETF (GETHASH '"V02.0" ICD9-HASH-TABLE) "Cholera")
(SETF (GETHASH '"V02.1" ICD9-HASH-TABLE) "Typhoid")
(SETF (GETHASH '"V02.2" ICD9-HASH-TABLE) "Amebiasis")
(SETF (GETHASH '"V02.3" ICD9-HASH-TABLE)
      "Other gastrointestinal pathogens")
(SETF (GETHASH '"V02.4" ICD9-HASH-TABLE) "Diphtheria")
(SETF (GETHASH '"V02.5" ICD9-HASH-TABLE)
      "Other specified bacterial diseases")
(SETF (GETHASH '"V02.6" ICD9-HASH-TABLE) "Viral hepatitis")
(SETF (GETHASH '"V02.60" ICD9-HASH-TABLE)
      "Viral hepatitis carrier, unspecified")
(SETF (GETHASH '"V02.61" ICD9-HASH-TABLE) "Hepatitis B carrier")
(SETF (GETHASH '"V02.62" ICD9-HASH-TABLE) "Hepatitis C carrier")
(SETF (GETHASH '"V02.69" ICD9-HASH-TABLE)
      "Other viral hepatitis carrier")
(SETF (GETHASH '"V02.7" ICD9-HASH-TABLE) "Gonorrhea")
(SETF (GETHASH '"V02.8" ICD9-HASH-TABLE) "Other venereal diseases")
(SETF (GETHASH '"V02.9" ICD9-HASH-TABLE)
      "Other specified infectious organism")
(SETF (GETHASH '"V03" ICD9-HASH-TABLE)
      "Need for prophylactic vaccination and inoculation against bacterial diseases")
(SETF (GETHASH '"V03.0" ICD9-HASH-TABLE) "Cholera alone")
(SETF (GETHASH '"V03.1" ICD9-HASH-TABLE)
      "Typhoid-paratyphoid alone [TAB]")
(SETF (GETHASH '"V03.2" ICD9-HASH-TABLE) "Tuberculosis [BCG]")
(SETF (GETHASH '"V03.3" ICD9-HASH-TABLE) "Plague")
(SETF (GETHASH '"V03.4" ICD9-HASH-TABLE) "Tularemia")
(SETF (GETHASH '"V03.5" ICD9-HASH-TABLE) "Diphtheria alone")
(SETF (GETHASH '"V03.6" ICD9-HASH-TABLE) "Pertussis alone")
(SETF (GETHASH '"V03.7" ICD9-HASH-TABLE) "Tetanus toxoid alone")
(SETF (GETHASH '"V03.8" ICD9-HASH-TABLE)
      "Other specified vaccinations against single bacterial diseases")
(SETF (GETHASH '"V03.81" ICD9-HASH-TABLE)
      "Hemophilus influenza, type B [Hib]")
(SETF (GETHASH '"V03.82" ICD9-HASH-TABLE)
      "Streptococcus pneumoniae [pneumococcus]")
(SETF (GETHASH '"V03.89" ICD9-HASH-TABLE) "Other specified vaccination")
(SETF (GETHASH '"V03.9" ICD9-HASH-TABLE)
      "Unspecified single bacterial disease")
(SETF (GETHASH '"V04" ICD9-HASH-TABLE)
      "Need for prophylactic vaccination and inoculation against certain diseases")
(SETF (GETHASH '"V04.0" ICD9-HASH-TABLE) "Poliomyelitis")
(SETF (GETHASH '"V04.1" ICD9-HASH-TABLE) "Smallpox")
(SETF (GETHASH '"V04.2" ICD9-HASH-TABLE) "Measles alone")
(SETF (GETHASH '"V04.3" ICD9-HASH-TABLE) "Rubella alone")
(SETF (GETHASH '"V04.4" ICD9-HASH-TABLE) "Yellow fever")
(SETF (GETHASH '"V04.5" ICD9-HASH-TABLE) "Rabies")
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(SETF (GETHASH '"V04.6" ICD9-HASH-TABLE) "Mumps alone")
(SETF (GETHASH '"V04.7" ICD9-HASH-TABLE) "Common cold")
(SETF (GETHASH '"V04.8" ICD9-HASH-TABLE) "Influenza")
(SETF (GETHASH '"V05" ICD9-HASH-TABLE)
      "Need for prophylactic vaccination and inoculation against single diseases")
(SETF (GETHASH '"V05.0" ICD9-HASH-TABLE)
      "Arthropod-borne viral encephalitis")
(SETF (GETHASH '"V05.1" ICD9-HASH-TABLE)
      "Other arthropod-borne viral diseases")
(SETF (GETHASH '"V05.2" ICD9-HASH-TABLE) "Leishmaniasis")
(SETF (GETHASH '"V05.3" ICD9-HASH-TABLE) "Viral hepatitis")
(SETF (GETHASH '"V05.4" ICD9-HASH-TABLE) "Varicella")
(SETF (GETHASH '"V05.8" ICD9-HASH-TABLE) "Other specified disease")
(SETF (GETHASH '"V05.9" ICD9-HASH-TABLE) "Unspecified single disease")
(SETF (GETHASH '"V06" ICD9-HASH-TABLE)
      "Need for prophylactic vaccination and inoculation against combinations of diseases")
(SETF (GETHASH '"V06.0" ICD9-HASH-TABLE)
      "Cholera with typhoid-paratyphoid [cholera TAB]")
(SETF (GETHASH '"V06.1" ICD9-HASH-TABLE)
      "Diphtheria-tetanus-pertussis, combined [DTP]")
(SETF (GETHASH '"V06.2" ICD9-HASH-TABLE)
      "Diphtheria-tetanus-pertussis with typhoid-paratyphoid [DTP TAB]")
(SETF (GETHASH '"V06.3" ICD9-HASH-TABLE)
      "Diphtheria-tetanus-pertussis with poliomyelitis [DTP+polio]")
(SETF (GETHASH '"V06.4" ICD9-HASH-TABLE) "Measles-mumps-rubella [MMR]")
(SETF (GETHASH '"V06.5" ICD9-HASH-TABLE) "Tetanus-diphtheria [Td]")
(SETF (GETHASH '"V06.6" ICD9-HASH-TABLE)
      "Streptococcus pneumoniae [pneumococcus] and influenza")
(SETF (GETHASH '"V06.8" ICD9-HASH-TABLE) "Other combinations")
(SETF (GETHASH '"V06.9" ICD9-HASH-TABLE) "Unspecified combined vaccine")
(SETF (GETHASH '"V07" ICD9-HASH-TABLE)
      "Need for isolation and other prophylactic measures")
(SETF (GETHASH '"V07.0" ICD9-HASH-TABLE) "Isolation")
(SETF (GETHASH '"V07.1" ICD9-HASH-TABLE) "Desensitization to allergens")
(SETF (GETHASH '"V07.2" ICD9-HASH-TABLE) "Prophylactic immunotherapy")
(SETF (GETHASH '"V07.3" ICD9-HASH-TABLE)
      "Other prophylactic chemotherapy")
(SETF (GETHASH '"V07.31" ICD9-HASH-TABLE)
      "Prophylactic fluoride administration")
(SETF (GETHASH '"V07.39" ICD9-HASH-TABLE)
      "Other prophylactic chemotherapy")
(SETF (GETHASH '"V07.4" ICD9-HASH-TABLE)
      "Postmenopausal hormone replacement therapy")
(SETF (GETHASH '"V07.8" ICD9-HASH-TABLE)
      "Other specified prophylactic measure")
(SETF (GETHASH '"V07.9" ICD9-HASH-TABLE)
      "Unspecified prophylactic measure")
(SETF (GETHASH '"V08" ICD9-HASH-TABLE)
      "Asymptomatic human immunodeficiency virus [HIV] infection status")
(SETF (GETHASH '"V09" ICD9-HASH-TABLE)
      "Infection with drug-resistant microorganisms")
(SETF (GETHASH '"V09.0" ICD9-HASH-TABLE)
      "Infection with microorganisms resistant to penicillins")
(SETF (GETHASH '"V09.1" ICD9-HASH-TABLE)
      "Infection with microorganisms resistant to cephalosporins and other B-lactam antibiotics")
(SETF (GETHASH '"V09.2" ICD9-HASH-TABLE)
      "Infection with microorganisms resistant to macrolides")
(SETF (GETHASH '"V09.3" ICD9-HASH-TABLE)
      "Infection with microorganisms resistant to tetracyclines")
(SETF (GETHASH '"V09.4" ICD9-HASH-TABLE)
      "Infection with microorganisms resistant to aminoglycosides")
(SETF (GETHASH '"V09.5" ICD9-HASH-TABLE)
      "Infection with microorganisms resistant to quinolones and fluoroquinolones")
(SETF (GETHASH '"V09.50" ICD9-HASH-TABLE)
      "Without mention of resistance to multiple quinolones and fluoroquinoles")
(SETF (GETHASH '"V09.51" ICD9-HASH-TABLE)
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      "With resistance to multiple quinolones and fluoroquinoles")
(SETF (GETHASH '"V09.6" ICD9-HASH-TABLE)
      "Infection with microorganisms resistant to sulfonamides")
(SETF (GETHASH '"V09.7" ICD9-HASH-TABLE)
      "Infection with microorganisms resistant to other specified antimycobacterial agents")
(SETF (GETHASH '"V09.70" ICD9-HASH-TABLE)
      "Without mention of resistance to multiple antimycobacterial agents")
(SETF (GETHASH '"V09.71" ICD9-HASH-TABLE)
      "With resistance to multiple antimycobacterial agents")
(SETF (GETHASH '"V09.8" ICD9-HASH-TABLE)
      "Infection with microorganisms resistant to other specified drugs")
(SETF (GETHASH '"V09.80" ICD9-HASH-TABLE)
      "Without mention of resistance to multiple drugs")
(SETF (GETHASH '"V09.81" ICD9-HASH-TABLE)
      "With resistance to multiple drugs")
(SETF (GETHASH '"V09.9" ICD9-HASH-TABLE)
      "Infection with drug-resistant microorganisms, unspecified")
(SETF (GETHASH '"V09.90" ICD9-HASH-TABLE)
      "Without mention of multiple drug resistance")
(SETF (GETHASH '"V09.91" ICD9-HASH-TABLE)
      "With multiple drug resistance")
(SETF (GETHASH '"V10" ICD9-HASH-TABLE)
      "Personal history of malignant neoplasm")
(SETF (GETHASH '"V10.0" ICD9-HASH-TABLE) "Gastrointestinal tract")
(SETF (GETHASH '"V10.00" ICD9-HASH-TABLE)
      "Gastrointestinal tract, unspecified")
(SETF (GETHASH '"V10.01" ICD9-HASH-TABLE) "Tongue")
(SETF (GETHASH '"V10.02" ICD9-HASH-TABLE)
      "Other and unspecified oral cavity and pharynx")
(SETF (GETHASH '"V10.03" ICD9-HASH-TABLE) "Esophagus")
(SETF (GETHASH '"V10.04" ICD9-HASH-TABLE) "Stomach")
(SETF (GETHASH '"V10.05" ICD9-HASH-TABLE) "Large intestine")
(SETF (GETHASH '"V10.06" ICD9-HASH-TABLE)
      "Rectum, rectosigmoid junction, and anus")
(SETF (GETHASH '"V10.07" ICD9-HASH-TABLE) "Liver")
(SETF (GETHASH '"V10.09" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"V10.1" ICD9-HASH-TABLE) "Trachea, bronchus, and lung")
(SETF (GETHASH '"V10.11" ICD9-HASH-TABLE) "Bronchus and lung")
(SETF (GETHASH '"V10.12" ICD9-HASH-TABLE) "Trachea")
(SETF (GETHASH '"V10.2" ICD9-HASH-TABLE)
      "Other respiratory and intrathoracic organs")
(SETF (GETHASH '"V10.20" ICD9-HASH-TABLE)
      "Respiratory organ, unspecified")
(SETF (GETHASH '"V10.21" ICD9-HASH-TABLE) "Larynx")
(SETF (GETHASH '"V10.22" ICD9-HASH-TABLE)
      "Nasal cavities, middle ear, and accessory sinuses")
(SETF (GETHASH '"V10.29" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"V10.3" ICD9-HASH-TABLE) "Breast")
(SETF (GETHASH '"V10.4" ICD9-HASH-TABLE) "Genital organs")
(SETF (GETHASH '"V10.40" ICD9-HASH-TABLE)
      "Female genital organ, unspecified")
(SETF (GETHASH '"V10.41" ICD9-HASH-TABLE) "Cervix uteri")
(SETF (GETHASH '"V10.42" ICD9-HASH-TABLE) "Other parts of uterus")
(SETF (GETHASH '"V10.43" ICD9-HASH-TABLE) "Ovary")
(SETF (GETHASH '"V10.44" ICD9-HASH-TABLE) "Other female genital organs")
(SETF (GETHASH '"V10.45" ICD9-HASH-TABLE)
      "Male genital organ, unspecified")
(SETF (GETHASH '"V10.46" ICD9-HASH-TABLE) "Prostate")
(SETF (GETHASH '"V10.47" ICD9-HASH-TABLE) "Testis")
(SETF (GETHASH '"V10.49" ICD9-HASH-TABLE) "Other male genital organs")
(SETF (GETHASH '"V10.5" ICD9-HASH-TABLE) "Urinary organs")
(SETF (GETHASH '"V10.50" ICD9-HASH-TABLE) "Urinary organ, unspecified")
(SETF (GETHASH '"V10.51" ICD9-HASH-TABLE) "Bladder")
(SETF (GETHASH '"V10.52" ICD9-HASH-TABLE) "Kidney")
(SETF (GETHASH '"V10.59" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"V10.6" ICD9-HASH-TABLE) "Leukemia")
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(SETF (GETHASH '"V10.60" ICD9-HASH-TABLE) "Leukemia, unspecified")
(SETF (GETHASH '"V10.61" ICD9-HASH-TABLE) "Lymphoid leukemia")
(SETF (GETHASH '"V10.62" ICD9-HASH-TABLE) "Myeloid leukemia")
(SETF (GETHASH '"V10.63" ICD9-HASH-TABLE) "Monocytic leukemia")
(SETF (GETHASH '"V10.69" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"V10.7" ICD9-HASH-TABLE)
      "Other lymphatic and hematopoietic neoplasms")
(SETF (GETHASH '"V10.71" ICD9-HASH-TABLE)
      "Lymphosarcoma and reticulosarcoma")
(SETF (GETHASH '"V10.72" ICD9-HASH-TABLE) "Hodgkin's disease")
(SETF (GETHASH '"V10.79" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"V10.8" ICD9-HASH-TABLE)
      "Personal history of malignant neoplasm of other sites")
(SETF (GETHASH '"V10.81" ICD9-HASH-TABLE) "Bone")
(SETF (GETHASH '"V10.82" ICD9-HASH-TABLE) "Malignant melanoma of skin")
(SETF (GETHASH '"V10.83" ICD9-HASH-TABLE)
      "Other malignant neoplasm of skin")
(SETF (GETHASH '"V10.84" ICD9-HASH-TABLE) "Eye")
(SETF (GETHASH '"V10.85" ICD9-HASH-TABLE) "Brain")
(SETF (GETHASH '"V10.86" ICD9-HASH-TABLE)
      "Other parts of nervous system")
(SETF (GETHASH '"V10.87" ICD9-HASH-TABLE) "Thyroid")
(SETF (GETHASH '"V10.88" ICD9-HASH-TABLE)
      "Other endocrine glands and related structures")
(SETF (GETHASH '"V10.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"V10.9" ICD9-HASH-TABLE)
      "Unspecified personal history of malignant neoplasm")
(SETF (GETHASH '"V11" ICD9-HASH-TABLE)
      "Personal history of mental disorder")
(SETF (GETHASH '"V11.0" ICD9-HASH-TABLE) "Schizophrenia")
(SETF (GETHASH '"V11.1" ICD9-HASH-TABLE) "Affective disorders")
(SETF (GETHASH '"V11.2" ICD9-HASH-TABLE) "Neurosis")
(SETF (GETHASH '"V11.3" ICD9-HASH-TABLE) "Alcoholism")
(SETF (GETHASH '"V11.8" ICD9-HASH-TABLE) "Other mental disorders")
(SETF (GETHASH '"V12" ICD9-HASH-TABLE)
      "Personal history of certain other diseases")
(SETF (GETHASH '"V12.0" ICD9-HASH-TABLE)
      "Infectious and parasitic diseases")
(SETF (GETHASH '"V12.00" ICD9-HASH-TABLE)
      "Unspecified infectious and parasitic disease")
(SETF (GETHASH '"V12.01" ICD9-HASH-TABLE) "Tuberculosis")
(SETF (GETHASH '"V12.02" ICD9-HASH-TABLE) "Poliomyelitis")
(SETF (GETHASH '"V12.03" ICD9-HASH-TABLE) "Malaria")
(SETF (GETHASH '"V12.09" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"V12.1" ICD9-HASH-TABLE) "Nutritional deficiency")
(SETF (GETHASH '"V12.2" ICD9-HASH-TABLE)
      "Endocrine, metabolic, and immunity disorders")
(SETF (GETHASH '"V12.3" ICD9-HASH-TABLE)
      "Diseases of blood and blood-forming organs")
(SETF (GETHASH '"V12.4" ICD9-HASH-TABLE)
      "Disorders of nervous system and sense organs")
(SETF (GETHASH '"V12.40" ICD9-HASH-TABLE)
      "Unspecified disorder of nervous system and sense organs")
(SETF (GETHASH '"V12.41" ICD9-HASH-TABLE) "Benign neoplasm of the brain")
(SETF (GETHASH '"V12.49" ICD9-HASH-TABLE)
      "Other disorders of nervous system and sense organs")
(SETF (GETHASH '"V12.5" ICD9-HASH-TABLE)
      "Diseases of circulatory system")
(SETF (GETHASH '"V12.50" ICD9-HASH-TABLE)
      "Unspecified circulatory disease")
(SETF (GETHASH '"V12.51" ICD9-HASH-TABLE)
      "Venous thrombosis and embolism")
(SETF (GETHASH '"V12.52" ICD9-HASH-TABLE) "Thrombophlebitis")
(SETF (GETHASH '"V12.59" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"V12.6" ICD9-HASH-TABLE)
      "Diseases of respiratory system")
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(SETF (GETHASH '"V12.7" ICD9-HASH-TABLE) "Diseases of digestive system")
(SETF (GETHASH '"V12.70" ICD9-HASH-TABLE)
      "Unspecified digestive disease")
(SETF (GETHASH '"V12.71" ICD9-HASH-TABLE) "Peptic ulcer disease")
(SETF (GETHASH '"V12.72" ICD9-HASH-TABLE) "Colonic polyps")
(SETF (GETHASH '"V12.79" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"V13" ICD9-HASH-TABLE)
      "Personal history of other diseases")
(SETF (GETHASH '"V13.0" ICD9-HASH-TABLE) "Disorders of urinary system")
(SETF (GETHASH '"V13.00" ICD9-HASH-TABLE) "Unspecified urinary disorder")
(SETF (GETHASH '"V13.01" ICD9-HASH-TABLE) "Urinary calculi")
(SETF (GETHASH '"V13.09" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"V13.1" ICD9-HASH-TABLE) "Trophoblastic disease")
(SETF (GETHASH '"V13.2" ICD9-HASH-TABLE)
      "Other genital system and obstetric disorders")
(SETF (GETHASH '"V13.3" ICD9-HASH-TABLE)
      "Diseases of skin and subcutaneous tissue")
(SETF (GETHASH '"V13.4" ICD9-HASH-TABLE) "Arthritis")
(SETF (GETHASH '"V13.5" ICD9-HASH-TABLE)
      "Other musculoskeletal disorders")
(SETF (GETHASH '"V13.6" ICD9-HASH-TABLE) "Congenital malformations")
(SETF (GETHASH '"V13.7" ICD9-HASH-TABLE) "Perinatal problems")
(SETF (GETHASH '"V13.8" ICD9-HASH-TABLE) "Other specified diseases")
(SETF (GETHASH '"V13.9" ICD9-HASH-TABLE) "Unspecified disease")
(SETF (GETHASH '"V14" ICD9-HASH-TABLE)
      "Personal history of allergy to medicinal agents")
(SETF (GETHASH '"V14.0" ICD9-HASH-TABLE) "Penicillin")
(SETF (GETHASH '"V14.1" ICD9-HASH-TABLE) "Other antibiotic agent")
(SETF (GETHASH '"V14.2" ICD9-HASH-TABLE) "Sulfonamides")
(SETF (GETHASH '"V14.3" ICD9-HASH-TABLE) "Other anti-infective agent")
(SETF (GETHASH '"V14.4" ICD9-HASH-TABLE) "Anesthetic agent")
(SETF (GETHASH '"V14.5" ICD9-HASH-TABLE) "Narcotic agent")
(SETF (GETHASH '"V14.6" ICD9-HASH-TABLE) "Analgesic agent")
(SETF (GETHASH '"V14.7" ICD9-HASH-TABLE) "Serum or vaccine")
(SETF (GETHASH '"V14.8" ICD9-HASH-TABLE)
      "Other specified medicinal agents")
(SETF (GETHASH '"V14.9" ICD9-HASH-TABLE) "Unspecified medicinal agent")
(SETF (GETHASH '"V15" ICD9-HASH-TABLE)
      "Other personal history presenting hazards to health")
(SETF (GETHASH '"V15.0" ICD9-HASH-TABLE)
      "Allergy, other than to medicinal agents")
(SETF (GETHASH '"V15.1" ICD9-HASH-TABLE)
      "Surgery to heart and great vessels")
(SETF (GETHASH '"V15.2" ICD9-HASH-TABLE) "Surgery to other major organs")
(SETF (GETHASH '"V15.3" ICD9-HASH-TABLE) "Irradiation")
(SETF (GETHASH '"V15.4" ICD9-HASH-TABLE) "Psychological trauma")
(SETF (GETHASH '"V15.41" ICD9-HASH-TABLE) "History of physical abuse")
(SETF (GETHASH '"V15.42" ICD9-HASH-TABLE) "History of emotional abuse")
(SETF (GETHASH '"V15.49" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"V15.5" ICD9-HASH-TABLE) "Injury")
(SETF (GETHASH '"V15.6" ICD9-HASH-TABLE) "Poisoning")
(SETF (GETHASH '"V15.7" ICD9-HASH-TABLE) "Contraception")
(SETF (GETHASH '"V15.8" ICD9-HASH-TABLE)
      "Other specified personal history presenting hazards to health")
(SETF (GETHASH '"V15.81" ICD9-HASH-TABLE)
      "Noncompliance with medical treatment")
(SETF (GETHASH '"V15.82" ICD9-HASH-TABLE) "History of tobacco use")
(SETF (GETHASH '"V15.84" ICD9-HASH-TABLE) "Exposure to asbestos")
(SETF (GETHASH '"V15.85" ICD9-HASH-TABLE)
      "Exposure to potentially hazardous body fluids")
(SETF (GETHASH '"V15.86" ICD9-HASH-TABLE) "Exposure to lead")
(SETF (GETHASH '"V15.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"V15.9" ICD9-HASH-TABLE)
      "Unspecified personal history presenting hazards to health")
(SETF (GETHASH '"V16" ICD9-HASH-TABLE)
      "Family history of malignant neoplasm")
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(SETF (GETHASH '"V16.0" ICD9-HASH-TABLE) "Gastrointestinal tract")
(SETF (GETHASH '"V16.1" ICD9-HASH-TABLE) "Trachea, bronchus, and lung")
(SETF (GETHASH '"V16.2" ICD9-HASH-TABLE)
      "Other respiratory and intrathoracic organs")
(SETF (GETHASH '"V16.3" ICD9-HASH-TABLE) "Breast")
(SETF (GETHASH '"V16.4" ICD9-HASH-TABLE) "Genital organs")
(SETF (GETHASH '"V16.40" ICD9-HASH-TABLE) "Genital organ, unspecified")
(SETF (GETHASH '"V16.41" ICD9-HASH-TABLE) "Ovary")
(SETF (GETHASH '"V16.42" ICD9-HASH-TABLE) "Prostate")
(SETF (GETHASH '"V16.43" ICD9-HASH-TABLE) "Testis")
(SETF (GETHASH '"V16.49" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"V16.5" ICD9-HASH-TABLE) "Urinary organs")
(SETF (GETHASH '"V16.6" ICD9-HASH-TABLE) "Leukemia")
(SETF (GETHASH '"V16.7" ICD9-HASH-TABLE)
      "Other lymphatic and hematopoietic neoplasms")
(SETF (GETHASH '"V16.8" ICD9-HASH-TABLE)
      "Other specified malignant neoplasm")
(SETF (GETHASH '"V16.9" ICD9-HASH-TABLE)
      "Unspecified malignant neoplasm")
(SETF (GETHASH '"V17" ICD9-HASH-TABLE)
      "Family history of certain chronic disabling diseases")
(SETF (GETHASH '"V17.0" ICD9-HASH-TABLE) "Psychiatric condition")
(SETF (GETHASH '"V17.1" ICD9-HASH-TABLE) "Stroke (cerebrovascular)")
(SETF (GETHASH '"V17.2" ICD9-HASH-TABLE) "Other neurological diseases")
(SETF (GETHASH '"V17.3" ICD9-HASH-TABLE) "Ischemic heart disease")
(SETF (GETHASH '"V17.4" ICD9-HASH-TABLE) "Other cardiovascular diseases")
(SETF (GETHASH '"V17.5" ICD9-HASH-TABLE) "Asthma")
(SETF (GETHASH '"V17.6" ICD9-HASH-TABLE)
      "Other chronic respiratory conditions")
(SETF (GETHASH '"V17.7" ICD9-HASH-TABLE) "Arthritis")
(SETF (GETHASH '"V17.8" ICD9-HASH-TABLE)
      "Other musculoskeletal diseases")
(SETF (GETHASH '"V18" ICD9-HASH-TABLE)
      "Family history of certain other specific conditions")
(SETF (GETHASH '"V18.0" ICD9-HASH-TABLE) "Diabetes mellitus")
(SETF (GETHASH '"V18.1" ICD9-HASH-TABLE)
      "Other endocrine and metabolic diseases")
(SETF (GETHASH '"V18.2" ICD9-HASH-TABLE) "Anemia")
(SETF (GETHASH '"V18.3" ICD9-HASH-TABLE) "Other blood disorders")
(SETF (GETHASH '"V18.4" ICD9-HASH-TABLE) "Mental retardation")
(SETF (GETHASH '"V18.5" ICD9-HASH-TABLE) "Digestive disorders")
(SETF (GETHASH '"V18.6" ICD9-HASH-TABLE) "Kidney diseases")
(SETF (GETHASH '"V18.7" ICD9-HASH-TABLE) "Other genitourinary diseases")
(SETF (GETHASH '"V18.8" ICD9-HASH-TABLE)
      "Infectious and parasitic diseases")
(SETF (GETHASH '"V19" ICD9-HASH-TABLE)
      "Family history of other conditions")
(SETF (GETHASH '"V19.0" ICD9-HASH-TABLE) "Blindness or visual loss")
(SETF (GETHASH '"V19.1" ICD9-HASH-TABLE) "Other eye disorders")
(SETF (GETHASH '"V19.2" ICD9-HASH-TABLE) "Deafness or hearing loss")
(SETF (GETHASH '"V19.3" ICD9-HASH-TABLE) "Other ear disorders")
(SETF (GETHASH '"V19.4" ICD9-HASH-TABLE) "Skin conditions")
(SETF (GETHASH '"V19.5" ICD9-HASH-TABLE) "Congenital anomalies")
(SETF (GETHASH '"V19.6" ICD9-HASH-TABLE) "Allergic disorders")
(SETF (GETHASH '"V19.7" ICD9-HASH-TABLE) "Consanguinity")
(SETF (GETHASH '"V19.8" ICD9-HASH-TABLE) "Other condition")
(SETF (GETHASH '"V20" ICD9-HASH-TABLE)
      "Health supervision of infant or child")
(SETF (GETHASH '"V20.0" ICD9-HASH-TABLE) "Foundling")
(SETF (GETHASH '"V20.1" ICD9-HASH-TABLE)
      "Other healthy infant or child receiving care")
(SETF (GETHASH '"V20.2" ICD9-HASH-TABLE)
      "Routine infant or child health check")
(SETF (GETHASH '"V21" ICD9-HASH-TABLE)
      "Constitutional states in development")
(SETF (GETHASH '"V21.0" ICD9-HASH-TABLE)
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      "Period of rapid growth in childhood")
(SETF (GETHASH '"V21.1" ICD9-HASH-TABLE) "Puberty")
(SETF (GETHASH '"V21.2" ICD9-HASH-TABLE) "Other adolescence")
(SETF (GETHASH '"V21.8" ICD9-HASH-TABLE)
      "Other specified constitutional states in development")
(SETF (GETHASH '"V21.9" ICD9-HASH-TABLE)
      "Unspecified constitutional state in development")
(SETF (GETHASH '"V22" ICD9-HASH-TABLE) "Normal pregnancy")
(SETF (GETHASH '"V22.0" ICD9-HASH-TABLE)
      "Supervision of normal first pregnancy")
(SETF (GETHASH '"V22.1" ICD9-HASH-TABLE)
      "Supervision of other normal pregnancy")
(SETF (GETHASH '"V22.2" ICD9-HASH-TABLE) "Pregnant state, incidental")
(SETF (GETHASH '"V23" ICD9-HASH-TABLE)
      "Supervision of high-risk pregnancy")
(SETF (GETHASH '"V23.0" ICD9-HASH-TABLE)
      "Pregnancy with history of infertility")
(SETF (GETHASH '"V23.1" ICD9-HASH-TABLE)
      "Pregnancy with history of trophoblastic disease")
(SETF (GETHASH '"V23.2" ICD9-HASH-TABLE)
      "Pregnancy with history of abortion")
(SETF (GETHASH '"V23.3" ICD9-HASH-TABLE) "Grand multiparity")
(SETF (GETHASH '"V23.4" ICD9-HASH-TABLE)
      "Pregnancy with other poor obstetric history")
(SETF (GETHASH '"V23.5" ICD9-HASH-TABLE)
      "Pregnancy with other poor reproductive history")
(SETF (GETHASH '"V23.6" ICD9-HASH-TABLE) "Insufficient prenatal care")
(SETF (GETHASH '"V23.8" ICD9-HASH-TABLE) "Other high-risk pregnancy")
(SETF (GETHASH '"V23.9" ICD9-HASH-TABLE)
      "Unspecified high-risk pregnancy")
(SETF (GETHASH '"V24" ICD9-HASH-TABLE) "Postpartum care and examination")
(SETF (GETHASH '"V24.0" ICD9-HASH-TABLE) "Immediately after delivery")
(SETF (GETHASH '"V24.1" ICD9-HASH-TABLE) "Lactating mother")
(SETF (GETHASH '"V24.2" ICD9-HASH-TABLE) "Routine postpartum follow-up")
(SETF (GETHASH '"V25" ICD9-HASH-TABLE)
      "Encounter for contraceptive management")
(SETF (GETHASH '"V25.0" ICD9-HASH-TABLE) "General counseling and advice")
(SETF (GETHASH '"V25.01" ICD9-HASH-TABLE)
      "Prescription of oral contraceptives")
(SETF (GETHASH '"V25.02" ICD9-HASH-TABLE)
      "Initiation of other contraceptive measures")
(SETF (GETHASH '"V25.09" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"V25.1" ICD9-HASH-TABLE)
      "Insertion of intrauterine contraceptive device")
(SETF (GETHASH '"V25.2" ICD9-HASH-TABLE) "Sterilization")
(SETF (GETHASH '"V25.3" ICD9-HASH-TABLE) "Menstrual extraction")
(SETF (GETHASH '"V25.4" ICD9-HASH-TABLE)
      "Surveillance of previously prescribed contraceptive methods")
(SETF (GETHASH '"V25.40" ICD9-HASH-TABLE)
      "Contraceptive surveillance, unspecified")
(SETF (GETHASH '"V25.41" ICD9-HASH-TABLE) "Contraceptive pill")
(SETF (GETHASH '"V25.42" ICD9-HASH-TABLE)
      "Intrauterine contraceptive device")
(SETF (GETHASH '"V25.43" ICD9-HASH-TABLE)
      "Implantable subdermal contraceptive")
(SETF (GETHASH '"V25.49" ICD9-HASH-TABLE) "Other contraceptive method")
(SETF (GETHASH '"V25.5" ICD9-HASH-TABLE)
      "Insertion of implantable subdermal contraceptive")
(SETF (GETHASH '"V25.8" ICD9-HASH-TABLE)
      "Other specified contraceptive management")
(SETF (GETHASH '"V25.9" ICD9-HASH-TABLE)
      "Unspecified contraceptive management")
(SETF (GETHASH '"V26" ICD9-HASH-TABLE) "Procreative management")
(SETF (GETHASH '"V26.0" ICD9-HASH-TABLE)
      "Tuboplasty or vasoplasty after previous sterilization")
(SETF (GETHASH '"V26.1" ICD9-HASH-TABLE) "Artificial insemination")
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(SETF (GETHASH '"V26.2" ICD9-HASH-TABLE) "Investigation and testing")
(SETF (GETHASH '"V26.3" ICD9-HASH-TABLE) "Genetic counseling")
(SETF (GETHASH '"V26.4" ICD9-HASH-TABLE) "General counseling and advice")
(SETF (GETHASH '"V26.8" ICD9-HASH-TABLE)
      "Other specified procreative management")
(SETF (GETHASH '"V26.9" ICD9-HASH-TABLE)
      "Unspecified procreative management")
(SETF (GETHASH '"V27" ICD9-HASH-TABLE) "Outcome of delivery")
(SETF (GETHASH '"V27.0" ICD9-HASH-TABLE) "Single liveborn")
(SETF (GETHASH '"V27.1" ICD9-HASH-TABLE) "Single stillborn")
(SETF (GETHASH '"V27.2" ICD9-HASH-TABLE) "Twins, both liveborn")
(SETF (GETHASH '"V27.3" ICD9-HASH-TABLE)
      "Twins, one liveborn and one stillborn")
(SETF (GETHASH '"V27.4" ICD9-HASH-TABLE) "Twins, both stillborn")
(SETF (GETHASH '"V27.5" ICD9-HASH-TABLE)
      "Other multiple birth, all liveborn")
(SETF (GETHASH '"V27.6" ICD9-HASH-TABLE)
      "Other multiple birth, some liveborn")
(SETF (GETHASH '"V27.7" ICD9-HASH-TABLE)
      "Other multiple birth, all stillborn")
(SETF (GETHASH '"V27.9" ICD9-HASH-TABLE)
      "Unspecified outcome of delivery")
(SETF (GETHASH '"V28" ICD9-HASH-TABLE) "Antenatal screening")
(SETF (GETHASH '"V28.0" ICD9-HASH-TABLE) "Amniocentesis")
(SETF (GETHASH '"V28.1" ICD9-HASH-TABLE) "Levels in amniotic fluid")
(SETF (GETHASH '"V28.2" ICD9-HASH-TABLE)
      "Other screening based on amniocentesis")
(SETF (GETHASH '"V28.3" ICD9-HASH-TABLE)
      "Screening for malformation using ultrasonics")
(SETF (GETHASH '"V28.4" ICD9-HASH-TABLE)
      "Screening for fetal growth retardation using ultrasonics")
(SETF (GETHASH '"V28.5" ICD9-HASH-TABLE) "Screening for isoimmunization")
(SETF (GETHASH '"V28.6" ICD9-HASH-TABLE) "Screening for Streptococcus B")
(SETF (GETHASH '"V28.8" ICD9-HASH-TABLE)
      "Other specified antenatal screening")
(SETF (GETHASH '"V28.9" ICD9-HASH-TABLE)
      "Unspecified antenatal screening")
(SETF (GETHASH '"V29" ICD9-HASH-TABLE)
      "Observation and evaluation of newborns for suspected condition not found")
(SETF (GETHASH '"V29.0" ICD9-HASH-TABLE)
      "Observation for suspected infectious condition")
(SETF (GETHASH '"V29.1" ICD9-HASH-TABLE)
      "Observation for suspected neurological condition")
(SETF (GETHASH '"V29.2" ICD9-HASH-TABLE)
      "Observation for suspected respiratory condition")
(SETF (GETHASH '"V29.8" ICD9-HASH-TABLE)
      "Observation for other specified suspected condition")
(SETF (GETHASH '"V29.9" ICD9-HASH-TABLE)
      "Observation for unspecified suspected condition")
(SETF (GETHASH '"V30" ICD9-HASH-TABLE) "Single liveborn")
(SETF (GETHASH '"V31" ICD9-HASH-TABLE) "Twin, mate liveborn")
(SETF (GETHASH '"V32" ICD9-HASH-TABLE) "Twin, mate stillborn")
(SETF (GETHASH '"V33" ICD9-HASH-TABLE) "Twin, unspecified")
(SETF (GETHASH '"V34" ICD9-HASH-TABLE)
      "Other multiple, mates all liveborn")
(SETF (GETHASH '"V35" ICD9-HASH-TABLE)
      "Other multiple, mates all stillborn")
(SETF (GETHASH '"V36" ICD9-HASH-TABLE)
      "Other multiple, mates live- and stillborn")
(SETF (GETHASH '"V37" ICD9-HASH-TABLE) "Other multiple, unspecified")
(SETF (GETHASH '"V39" ICD9-HASH-TABLE) "Unspecified")
(SETF (GETHASH '"V40" ICD9-HASH-TABLE) "Mental and behavioral problems")
(SETF (GETHASH '"V40.0" ICD9-HASH-TABLE) "Problems with learning")
(SETF (GETHASH '"V40.1" ICD9-HASH-TABLE)
      "Problems with communication [including speech]")
(SETF (GETHASH '"V40.2" ICD9-HASH-TABLE) "Other mental problems")
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(SETF (GETHASH '"V40.3" ICD9-HASH-TABLE) "Other behavioral problems")
(SETF (GETHASH '"V40.9" ICD9-HASH-TABLE)
      "Unspecified mental or behavioral problem")
(SETF (GETHASH '"V41" ICD9-HASH-TABLE)
      "Problems with special senses and other special functions")
(SETF (GETHASH '"V41.0" ICD9-HASH-TABLE) "Problems with sight")
(SETF (GETHASH '"V41.1" ICD9-HASH-TABLE) "Other eye problems")
(SETF (GETHASH '"V41.2" ICD9-HASH-TABLE) "Problems with hearing")
(SETF (GETHASH '"V41.3" ICD9-HASH-TABLE) "Other ear problems")
(SETF (GETHASH '"V41.4" ICD9-HASH-TABLE)
      "Problems with voice production")
(SETF (GETHASH '"V41.5" ICD9-HASH-TABLE) "Problems with smell and taste")
(SETF (GETHASH '"V41.6" ICD9-HASH-TABLE)
      "Problems with swallowing and mastication")
(SETF (GETHASH '"V41.7" ICD9-HASH-TABLE) "Problems with sexual function")
(SETF (GETHASH '"V41.8" ICD9-HASH-TABLE)
      "Other problems with special functions")
(SETF (GETHASH '"V41.9" ICD9-HASH-TABLE)
      "Unspecified problem with special functions")
(SETF (GETHASH '"V42" ICD9-HASH-TABLE)
      "Organ or tissue replaced by transplant")
(SETF (GETHASH '"V42.0" ICD9-HASH-TABLE) "Kidney")
(SETF (GETHASH '"V42.1" ICD9-HASH-TABLE) "Heart")
(SETF (GETHASH '"V42.2" ICD9-HASH-TABLE) "Heart valve")
(SETF (GETHASH '"V42.3" ICD9-HASH-TABLE) "Skin")
(SETF (GETHASH '"V42.4" ICD9-HASH-TABLE) "Bone")
(SETF (GETHASH '"V42.5" ICD9-HASH-TABLE) "Cornea")
(SETF (GETHASH '"V42.6" ICD9-HASH-TABLE) "Lung")
(SETF (GETHASH '"V42.7" ICD9-HASH-TABLE) "Liver")
(SETF (GETHASH '"V42.8" ICD9-HASH-TABLE)
      "Other specified organ or tissue")
(SETF (GETHASH '"V42.81" ICD9-HASH-TABLE) "Bone marrow")
(SETF (GETHASH '"V42.82" ICD9-HASH-TABLE) "Peripheral stem cells")
(SETF (GETHASH '"V42.83" ICD9-HASH-TABLE) "Pancreas")
(SETF (GETHASH '"V42.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"V42.9" ICD9-HASH-TABLE) "Unspecified organ or tissue")
(SETF (GETHASH '"V43" ICD9-HASH-TABLE)
      "Organ or tissue replaced by other means")
(SETF (GETHASH '"V43.0" ICD9-HASH-TABLE) "Eye globe")
(SETF (GETHASH '"V43.1" ICD9-HASH-TABLE) "Lens")
(SETF (GETHASH '"V43.2" ICD9-HASH-TABLE) "Heart")
(SETF (GETHASH '"V43.3" ICD9-HASH-TABLE) "Heart valve")
(SETF (GETHASH '"V43.4" ICD9-HASH-TABLE) "Blood vessel")
(SETF (GETHASH '"V43.5" ICD9-HASH-TABLE) "Bladder")
(SETF (GETHASH '"V43.6" ICD9-HASH-TABLE) "Joint")
(SETF (GETHASH '"V43.60" ICD9-HASH-TABLE) "Unspecified joint")
(SETF (GETHASH '"V43.61" ICD9-HASH-TABLE) "Shoulder")
(SETF (GETHASH '"V43.62" ICD9-HASH-TABLE) "Elbow")
(SETF (GETHASH '"V43.63" ICD9-HASH-TABLE) "Wrist")
(SETF (GETHASH '"V43.64" ICD9-HASH-TABLE) "Hip")
(SETF (GETHASH '"V43.65" ICD9-HASH-TABLE) "Knee")
(SETF (GETHASH '"V43.66" ICD9-HASH-TABLE) "Ankle")
(SETF (GETHASH '"V43.69" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"V43.7" ICD9-HASH-TABLE) "Limb")
(SETF (GETHASH '"V43.8" ICD9-HASH-TABLE) "Other organ or tissue")
(SETF (GETHASH '"V43.81" ICD9-HASH-TABLE) "Larynx")
(SETF (GETHASH '"V43.82" ICD9-HASH-TABLE) "Breast")
(SETF (GETHASH '"V43.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"V44" ICD9-HASH-TABLE) "Artificial opening status")
(SETF (GETHASH '"V44.0" ICD9-HASH-TABLE) "Tracheostomy")
(SETF (GETHASH '"V44.1" ICD9-HASH-TABLE) "Gastrostomy")
(SETF (GETHASH '"V44.2" ICD9-HASH-TABLE) "Ileostomy")
(SETF (GETHASH '"V44.3" ICD9-HASH-TABLE) "Colostomy")
(SETF (GETHASH '"V44.4" ICD9-HASH-TABLE)
      "Other artificial opening of gastrointestinal tract")
(SETF (GETHASH '"V44.5" ICD9-HASH-TABLE) "Cystostomy")
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(SETF (GETHASH '"V44.6" ICD9-HASH-TABLE)
      "Other artificial opening of urinary tract")
(SETF (GETHASH '"V44.7" ICD9-HASH-TABLE) "Artificial vagina")
(SETF (GETHASH '"V44.8" ICD9-HASH-TABLE)
      "Other artificial opening status")
(SETF (GETHASH '"V44.9" ICD9-HASH-TABLE)
      "Unspecified artificial opening status")
(SETF (GETHASH '"V45" ICD9-HASH-TABLE) "Other postsurgical states")
(SETF (GETHASH '"V45.0" ICD9-HASH-TABLE) "Cardiac device in situ")
(SETF (GETHASH '"V45.00" ICD9-HASH-TABLE) "Unspecified cardiac device")
(SETF (GETHASH '"V45.01" ICD9-HASH-TABLE) "Cardiac pacemaker")
(SETF (GETHASH '"V45.02" ICD9-HASH-TABLE)
      "Automatic implantable cardiac defibrillator")
(SETF (GETHASH '"V45.09" ICD9-HASH-TABLE)
      "Other specified cardiac device")
(SETF (GETHASH '"V45.1" ICD9-HASH-TABLE) "Renal dialysis status")
(SETF (GETHASH '"V45.2" ICD9-HASH-TABLE)
      "Presence of cerebrospinal fluid drainage device")
(SETF (GETHASH '"V45.3" ICD9-HASH-TABLE)
      "Intestinal bypass or anastomosis status")
(SETF (GETHASH '"V45.4" ICD9-HASH-TABLE) "Arthrodesis status")
(SETF (GETHASH '"V45.5" ICD9-HASH-TABLE)
      "Presence of contraceptive device")
(SETF (GETHASH '"V45.51" ICD9-HASH-TABLE)
      "Intrauterine contraceptive device")
(SETF (GETHASH '"V45.52" ICD9-HASH-TABLE)
      "Subdermal contraceptive implant")
(SETF (GETHASH '"V45.59" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"V45.6" ICD9-HASH-TABLE)
      "States following surgery of eye and adnexa")
(SETF (GETHASH '"V45.61" ICD9-HASH-TABLE) "Cataract extraction status")
(SETF (GETHASH '"V45.69" ICD9-HASH-TABLE)
      "Other states following surgery of eye and adnexa")
(SETF (GETHASH '"V45.7" ICD9-HASH-TABLE) "Acquired absence of organ")
(SETF (GETHASH '"V45.71" ICD9-HASH-TABLE) "Acquired absence of breast")
(SETF (GETHASH '"V45.72" ICD9-HASH-TABLE)
      "Acquired absence of intestine (large) (small)")
(SETF (GETHASH '"V45.73" ICD9-HASH-TABLE) "Acquired absence of kidney")
(SETF (GETHASH '"V45.8" ICD9-HASH-TABLE) "Other postsurgical status")
(SETF (GETHASH '"V45.81" ICD9-HASH-TABLE) "Aortocoronary bypass status")
(SETF (GETHASH '"V45.82" ICD9-HASH-TABLE)
      "Percutaneous transluminal coronary angioplasty status")
(SETF (GETHASH '"V45.83" ICD9-HASH-TABLE)
      "Breast implant removal status")
(SETF (GETHASH '"V45.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"V46" ICD9-HASH-TABLE) "Other dependence on machines")
(SETF (GETHASH '"V46.0" ICD9-HASH-TABLE) "Aspirator")
(SETF (GETHASH '"V46.1" ICD9-HASH-TABLE) "Respirator")
(SETF (GETHASH '"V46.8" ICD9-HASH-TABLE) "Other enabling machines")
(SETF (GETHASH '"V46.9" ICD9-HASH-TABLE)
      "Unspecified machine dependence")
(SETF (GETHASH '"V47" ICD9-HASH-TABLE)
      "Other problems with internal organs")
(SETF (GETHASH '"V47.0" ICD9-HASH-TABLE)
      "Deficiencies of internal organs")
(SETF (GETHASH '"V47.1" ICD9-HASH-TABLE)
      "Mechanical and motor problems with internal organs")
(SETF (GETHASH '"V47.2" ICD9-HASH-TABLE)
      "Other cardiorespiratory problems")
(SETF (GETHASH '"V47.3" ICD9-HASH-TABLE) "Other digestive problems")
(SETF (GETHASH '"V47.4" ICD9-HASH-TABLE) "Other urinary problems")
(SETF (GETHASH '"V47.5" ICD9-HASH-TABLE) "Other genital problems")
(SETF (GETHASH '"V47.9" ICD9-HASH-TABLE) "Unspecified")
(SETF (GETHASH '"V48" ICD9-HASH-TABLE)
      "Problems with head, neck, and trunk")
(SETF (GETHASH '"V48.0" ICD9-HASH-TABLE) "Deficiencies of head")
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(SETF (GETHASH '"V48.1" ICD9-HASH-TABLE)
      "Deficiencies of neck and trunk")
(SETF (GETHASH '"V48.2" ICD9-HASH-TABLE)
      "Mechanical and motor problems with head")
(SETF (GETHASH '"V48.3" ICD9-HASH-TABLE)
      "Mechanical and motor problems with neck and trunk")
(SETF (GETHASH '"V48.4" ICD9-HASH-TABLE) "Sensory problem with head")
(SETF (GETHASH '"V48.5" ICD9-HASH-TABLE)
      "Sensory problem with neck and trunk")
(SETF (GETHASH '"V48.6" ICD9-HASH-TABLE) "Disfigurements of head")
(SETF (GETHASH '"V48.7" ICD9-HASH-TABLE)
      "Disfigurements of neck and trunk")
(SETF (GETHASH '"V48.8" ICD9-HASH-TABLE)
      "Other problems with head, neck, and trunk")
(SETF (GETHASH '"V48.9" ICD9-HASH-TABLE)
      "Unspecified problem with head, neck, or trunk")
(SETF (GETHASH '"V49" ICD9-HASH-TABLE)
      "Problems with limbs and other problems")
(SETF (GETHASH '"V49.0" ICD9-HASH-TABLE) "Deficiencies of limbs")
(SETF (GETHASH '"V49.1" ICD9-HASH-TABLE)
      "Mechanical problems with limbs")
(SETF (GETHASH '"V49.2" ICD9-HASH-TABLE) "Motor problems with limbs")
(SETF (GETHASH '"V49.3" ICD9-HASH-TABLE) "Sensory problems with limbs")
(SETF (GETHASH '"V49.4" ICD9-HASH-TABLE) "Disfigurements of limbs")
(SETF (GETHASH '"V49.5" ICD9-HASH-TABLE) "Other problems of limbs")
(SETF (GETHASH '"V49.6" ICD9-HASH-TABLE) "Upper limb amputation status")
(SETF (GETHASH '"V49.60" ICD9-HASH-TABLE) "Unspecified level")
(SETF (GETHASH '"V49.61" ICD9-HASH-TABLE) "Thumb")
(SETF (GETHASH '"V49.62" ICD9-HASH-TABLE) "Other finger(s)")
(SETF (GETHASH '"V49.63" ICD9-HASH-TABLE) "Hand")
(SETF (GETHASH '"V49.64" ICD9-HASH-TABLE) "Wrist")
(SETF (GETHASH '"V49.65" ICD9-HASH-TABLE) "Below elbow")
(SETF (GETHASH '"V49.66" ICD9-HASH-TABLE) "Above elbow")
(SETF (GETHASH '"V49.67" ICD9-HASH-TABLE) "Shoulder")
(SETF (GETHASH '"V49.7" ICD9-HASH-TABLE) "Lower limb amputation status")
(SETF (GETHASH '"V49.70" ICD9-HASH-TABLE) "Unspecified level")
(SETF (GETHASH '"V49.71" ICD9-HASH-TABLE) "Great toe")
(SETF (GETHASH '"V49.72" ICD9-HASH-TABLE) "Other toe(s)")
(SETF (GETHASH '"V49.73" ICD9-HASH-TABLE) "Foot")
(SETF (GETHASH '"V49.74" ICD9-HASH-TABLE) "Ankle")
(SETF (GETHASH '"V49.75" ICD9-HASH-TABLE) "Below knee")
(SETF (GETHASH '"V49.76" ICD9-HASH-TABLE) "Above knee")
(SETF (GETHASH '"V49.77" ICD9-HASH-TABLE) "Hip")
(SETF (GETHASH '"V49.8" ICD9-HASH-TABLE)
      "Other specified problems influencing health status")
(SETF (GETHASH '"V49.9" ICD9-HASH-TABLE) "Unspecified")
(SETF (GETHASH '"V50" ICD9-HASH-TABLE)
      "Elective surgery for purposes other than remedying health states")
(SETF (GETHASH '"V50.0" ICD9-HASH-TABLE) "Hair transplant")
(SETF (GETHASH '"V50.1" ICD9-HASH-TABLE)
      "Other plastic surgery for unacceptable cosmetic appearance")
(SETF (GETHASH '"V50.2" ICD9-HASH-TABLE)
      "Routine or ritual circumcision")
(SETF (GETHASH '"V50.3" ICD9-HASH-TABLE) "Ear piercing")
(SETF (GETHASH '"V50.4" ICD9-HASH-TABLE) "Prophylactic organ removal")
(SETF (GETHASH '"V50.41" ICD9-HASH-TABLE) "Breast")
(SETF (GETHASH '"V50.42" ICD9-HASH-TABLE) "Ovary")
(SETF (GETHASH '"V50.49" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"V50.8" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"V50.9" ICD9-HASH-TABLE) "Unspecified")
(SETF (GETHASH '"V51" ICD9-HASH-TABLE)
      "Aftercare involving the use of plastic surgery")
(SETF (GETHASH '"V52" ICD9-HASH-TABLE)
      "Fitting and adjustment of prosthetic device and implant")
(SETF (GETHASH '"V52.0" ICD9-HASH-TABLE)
      "Artificial arm (complete) (partial)")
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(SETF (GETHASH '"V52.1" ICD9-HASH-TABLE)
      "Artificial leg (complete) (partial)")
(SETF (GETHASH '"V52.2" ICD9-HASH-TABLE) "Artificial eye")
(SETF (GETHASH '"V52.3" ICD9-HASH-TABLE) "Dental prosthetic device")
(SETF (GETHASH '"V52.4" ICD9-HASH-TABLE) "Breast prosthesis and implant")
(SETF (GETHASH '"V52.8" ICD9-HASH-TABLE)
      "Other specified prosthetic device")
(SETF (GETHASH '"V52.9" ICD9-HASH-TABLE) "Unspecified prosthetic device")
(SETF (GETHASH '"V53" ICD9-HASH-TABLE)
      "Fitting and adjustment of other device")
(SETF (GETHASH '"V53.0" ICD9-HASH-TABLE)
      "Devices related to nervous system and special senses")
(SETF (GETHASH '"V53.01" ICD9-HASH-TABLE)
      "Fitting and adjustment of cerebral ventricular (communicating) shunt")
(SETF (GETHASH '"V53.02" ICD9-HASH-TABLE)
      "Neuropacemaker (brain) (peripheral nerve) (spinal cord)")
(SETF (GETHASH '"V53.09" ICD9-HASH-TABLE)
      "fitting and adjustment of other devices related to nervous system and special senses")
(SETF (GETHASH '"V53.1" ICD9-HASH-TABLE) "Spectacles and contact lenses")
(SETF (GETHASH '"V53.2" ICD9-HASH-TABLE) "Hearing aid")
(SETF (GETHASH '"V53.3" ICD9-HASH-TABLE) "Cardiac device")
(SETF (GETHASH '"V53.31" ICD9-HASH-TABLE) "Cardiac pacemaker")
(SETF (GETHASH '"V53.32" ICD9-HASH-TABLE)
      "Automatic implantable cardiac defibrillator")
(SETF (GETHASH '"V53.39" ICD9-HASH-TABLE) "Other cardiac device")
(SETF (GETHASH '"V53.4" ICD9-HASH-TABLE) "Orthodontic devices")
(SETF (GETHASH '"V53.5" ICD9-HASH-TABLE) "Other intestinal appliance")
(SETF (GETHASH '"V53.6" ICD9-HASH-TABLE) "Urinary devices")
(SETF (GETHASH '"V53.7" ICD9-HASH-TABLE) "Orthopedic devices")
(SETF (GETHASH '"V53.8" ICD9-HASH-TABLE) "Wheelchair")
(SETF (GETHASH '"V53.9" ICD9-HASH-TABLE) "Other and unspecified device")
(SETF (GETHASH '"V54" ICD9-HASH-TABLE) "Other orthopedic aftercare")
(SETF (GETHASH '"V54.0" ICD9-HASH-TABLE)
      "Aftercare involving removal of fracture plate or other internal fixation device")
(SETF (GETHASH '"V54.8" ICD9-HASH-TABLE) "Other orthopedic aftercare")
(SETF (GETHASH '"V54.9" ICD9-HASH-TABLE)
      "Unspecified orthopedic aftercare")
(SETF (GETHASH '"V55" ICD9-HASH-TABLE)
      "Attention to artificial openings")
(SETF (GETHASH '"V55.0" ICD9-HASH-TABLE) "Tracheostomy")
(SETF (GETHASH '"V55.1" ICD9-HASH-TABLE) "Gastrostomy")
(SETF (GETHASH '"V55.2" ICD9-HASH-TABLE) "Ileostomy")
(SETF (GETHASH '"V55.3" ICD9-HASH-TABLE) "Colostomy")
(SETF (GETHASH '"V55.4" ICD9-HASH-TABLE)
      "Other artificial opening of digestive tract")
(SETF (GETHASH '"V55.5" ICD9-HASH-TABLE) "Cystostomy")
(SETF (GETHASH '"V55.6" ICD9-HASH-TABLE)
      "Other artificial opening of urinary tract")
(SETF (GETHASH '"V55.7" ICD9-HASH-TABLE) "Artificial vagina")
(SETF (GETHASH '"V55.8" ICD9-HASH-TABLE)
      "Other specified artificial opening")
(SETF (GETHASH '"V55.9" ICD9-HASH-TABLE)
      "Unspecified artificial opening")
(SETF (GETHASH '"V56" ICD9-HASH-TABLE)
      "Encounter for dialysis and dialysis catheter care")
(SETF (GETHASH '"V56.0" ICD9-HASH-TABLE) "Extracorporeal dialysis")
(SETF (GETHASH '"V56.1" ICD9-HASH-TABLE)
      "Fitting and adjustment of dialysis (extracorporeal) (peritoneal) catheter")
(SETF (GETHASH '"V56.8" ICD9-HASH-TABLE) "Other dialysis")
(SETF (GETHASH '"V57" ICD9-HASH-TABLE)
      "Care involving use of rehabilitation procedures")
(SETF (GETHASH '"V57.0" ICD9-HASH-TABLE) "Breathing exercises")
(SETF (GETHASH '"V57.1" ICD9-HASH-TABLE) "Other physical therapy")
(SETF (GETHASH '"V57.2" ICD9-HASH-TABLE)
      "Occupational therapy and vocational rehabilitation")
(SETF (GETHASH '"V57.21" ICD9-HASH-TABLE)
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      "Encounter for occupational therapy")
(SETF (GETHASH '"V57.22" ICD9-HASH-TABLE)
      "Encounter for vocational therapy")
(SETF (GETHASH '"V57.3" ICD9-HASH-TABLE) "Speech therapy")
(SETF (GETHASH '"V57.4" ICD9-HASH-TABLE) "Orthoptic training")
(SETF (GETHASH '"V57.8" ICD9-HASH-TABLE)
      "Other specified rehabilitation procedure")
(SETF (GETHASH '"V57.81" ICD9-HASH-TABLE) "Orthotic training")
(SETF (GETHASH '"V57.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"V57.9" ICD9-HASH-TABLE)
      "Unspecified rehabilitation procedure")
(SETF (GETHASH '"V58" ICD9-HASH-TABLE)
      "Encounter for other and unspecified procedures and aftercare")
(SETF (GETHASH '"V58.0" ICD9-HASH-TABLE) "Radiotherapy")
(SETF (GETHASH '"V58.2" ICD9-HASH-TABLE)
      "Blood transfusion, without reported diagnosis")
(SETF (GETHASH '"V58.3" ICD9-HASH-TABLE)
      "Attention to surgical dressings and sutures")
(SETF (GETHASH '"V58.4" ICD9-HASH-TABLE)
      "Other aftercare following surgery")
(SETF (GETHASH '"V58.41" ICD9-HASH-TABLE)
      "Encounter for planned post-operative wound closure")
(SETF (GETHASH '"V58.49" ICD9-HASH-TABLE)
      "Other specified aftercare following surgery")
(SETF (GETHASH '"V58.5" ICD9-HASH-TABLE) "Orthodontics")
(SETF (GETHASH '"V58.6" ICD9-HASH-TABLE) "Long-term (current) drug use")
(SETF (GETHASH '"V58.61" ICD9-HASH-TABLE)
      "Long-term (current) use of anticoagulants")
(SETF (GETHASH '"V58.69" ICD9-HASH-TABLE)
      "Long-term (current) use of other medications")
(SETF (GETHASH '"V58.8" ICD9-HASH-TABLE)
      "Other specified procedures and aftercare")
(SETF (GETHASH '"V58.81" ICD9-HASH-TABLE)
      "Fitting and adjustment of vascular catheter")
(SETF (GETHASH '"V58.82" ICD9-HASH-TABLE)
      "Fitting and adjustment of non-vascular catheter NEC")
(SETF (GETHASH '"V58.89" ICD9-HASH-TABLE) "Other specified aftercare")
(SETF (GETHASH '"V58.9" ICD9-HASH-TABLE) "Unspecified aftercare")
(SETF (GETHASH '"V59" ICD9-HASH-TABLE) "Donors")
(SETF (GETHASH '"V59.0" ICD9-HASH-TABLE) "Blood")
(SETF (GETHASH '"V59.01" ICD9-HASH-TABLE) "Whole blood")
(SETF (GETHASH '"V59.02" ICD9-HASH-TABLE) "Stem cells")
(SETF (GETHASH '"V59.09" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"V59.1" ICD9-HASH-TABLE) "Skin")
(SETF (GETHASH '"V59.2" ICD9-HASH-TABLE) "Bone")
(SETF (GETHASH '"V59.3" ICD9-HASH-TABLE) "Bone marrow")
(SETF (GETHASH '"V59.4" ICD9-HASH-TABLE) "Kidney")
(SETF (GETHASH '"V59.5" ICD9-HASH-TABLE) "Cornea")
(SETF (GETHASH '"V59.6" ICD9-HASH-TABLE) "Liver")
(SETF (GETHASH '"V59.8" ICD9-HASH-TABLE)
      "Other specified organ or tissue")
(SETF (GETHASH '"V59.9" ICD9-HASH-TABLE) "Unspecified organ or tissue")
(SETF (GETHASH '"V60" ICD9-HASH-TABLE)
      "Housing, household, and economic circumstances")
(SETF (GETHASH '"V60.0" ICD9-HASH-TABLE) "Lack of housing")
(SETF (GETHASH '"V60.1" ICD9-HASH-TABLE) "Inadequate housing")
(SETF (GETHASH '"V60.2" ICD9-HASH-TABLE) "Inadequate material resources")
(SETF (GETHASH '"V60.3" ICD9-HASH-TABLE) "Person living alone")
(SETF (GETHASH '"V60.4" ICD9-HASH-TABLE)
      "No other household member able to render care")
(SETF (GETHASH '"V60.5" ICD9-HASH-TABLE) "Holiday relief care")
(SETF (GETHASH '"V60.6" ICD9-HASH-TABLE)
      "Person living in residential institution")
(SETF (GETHASH '"V60.8" ICD9-HASH-TABLE)
      "Other specified housing or economic circumstances")
(SETF (GETHASH '"V60.9" ICD9-HASH-TABLE)
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      "Unspecified housing or economic circumstance")
(SETF (GETHASH '"V61" ICD9-HASH-TABLE) "Other family circumstances")
(SETF (GETHASH '"V61.0" ICD9-HASH-TABLE) "Family disruption")
(SETF (GETHASH '"V61.1" ICD9-HASH-TABLE)
      "Counseling for marital and partner problems")
(SETF (GETHASH '"V61.10" ICD9-HASH-TABLE)
      "Counseling for marital and partner problems, unspecified")
(SETF (GETHASH '"V61.11" ICD9-HASH-TABLE)
      "Counseling for victim of spousal and partner abuse")
(SETF (GETHASH '"V61.12" ICD9-HASH-TABLE)
      "Counseling for perpetrator of spousal and partner abuse")
(SETF (GETHASH '"V61.2" ICD9-HASH-TABLE) "Parent-child problems")
(SETF (GETHASH '"V61.20" ICD9-HASH-TABLE)
      "Counseling for parent-child problem, unspecified")
(SETF (GETHASH '"V61.21" ICD9-HASH-TABLE)
      "Counseling for victim of child abuse")
(SETF (GETHASH '"V61.22" ICD9-HASH-TABLE)
      "Counseling for perpetrator of parental child abuse")
(SETF (GETHASH '"V61.29" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"V61.3" ICD9-HASH-TABLE)
      "Problems with aged parents or in-laws")
(SETF (GETHASH '"V61.4" ICD9-HASH-TABLE) "Health problems within family")
(SETF (GETHASH '"V61.41" ICD9-HASH-TABLE) "Alcoholism in family")
(SETF (GETHASH '"V61.49" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"V61.5" ICD9-HASH-TABLE) "Multiparity")
(SETF (GETHASH '"V61.6" ICD9-HASH-TABLE)
      "Illegitimacy or illegitimate pregnancy")
(SETF (GETHASH '"V61.7" ICD9-HASH-TABLE) "Other unwanted pregnancy")
(SETF (GETHASH '"V61.8" ICD9-HASH-TABLE)
      "Other specified family circumstances")
(SETF (GETHASH '"V61.9" ICD9-HASH-TABLE)
      "Unspecified family circumstance")
(SETF (GETHASH '"V62" ICD9-HASH-TABLE)
      "Other psychosocial circumstances")
(SETF (GETHASH '"V62.0" ICD9-HASH-TABLE) "Unemployment")
(SETF (GETHASH '"V62.1" ICD9-HASH-TABLE)
      "Adverse effects of work environment")
(SETF (GETHASH '"V62.2" ICD9-HASH-TABLE)
      "Other occupational circumstances or maladjustment")
(SETF (GETHASH '"V62.3" ICD9-HASH-TABLE) "Educational circumstances")
(SETF (GETHASH '"V62.4" ICD9-HASH-TABLE) "Social maladjustment")
(SETF (GETHASH '"V62.5" ICD9-HASH-TABLE) "Legal circumstances")
(SETF (GETHASH '"V62.6" ICD9-HASH-TABLE)
      "Refusal of treatment for reasons of religion or conscience")
(SETF (GETHASH '"V62.8" ICD9-HASH-TABLE)
      "Other psychological or physical stress, not elsewhere classified")
(SETF (GETHASH '"V62.81" ICD9-HASH-TABLE)
      "Interpersonal problems, not elsewhere classified")
(SETF (GETHASH '"V62.82" ICD9-HASH-TABLE) "Bereavement, uncomplicated")
(SETF (GETHASH '"V62.83" ICD9-HASH-TABLE)
      "Counseling for perpetrator of physical/sexual abuse")
(SETF (GETHASH '"V62.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"V62.9" ICD9-HASH-TABLE)
      "Unspecified psychosocial circumstance")
(SETF (GETHASH '"V63" ICD9-HASH-TABLE)
      "Unavailability of other medical facilities for care")
(SETF (GETHASH '"V63.0" ICD9-HASH-TABLE)
      "Residence remote from hospital or other health care facility")
(SETF (GETHASH '"V63.1" ICD9-HASH-TABLE)
      "Medical services in home not available")
(SETF (GETHASH '"V63.2" ICD9-HASH-TABLE)
      "Person awaiting admission to adequate facility elsewhere")
(SETF (GETHASH '"V63.8" ICD9-HASH-TABLE)
      "Other specified reasons for unavailability of medical facilities")
(SETF (GETHASH '"V63.9" ICD9-HASH-TABLE)
      "Unspecified reason for unavailability of medical facilities")
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(SETF (GETHASH '"V64" ICD9-HASH-TABLE)
      "Persons encountering health services for specific procedures, not carried out")
(SETF (GETHASH '"V64.0" ICD9-HASH-TABLE)
      "Vaccination not carried out because of contraindication")
(SETF (GETHASH '"V64.1" ICD9-HASH-TABLE)
      "Surgical or other procedure not carried out because of contraindication")
(SETF (GETHASH '"V64.2" ICD9-HASH-TABLE)
      "Surgical or other procedure not carried out because of patient's decision")
(SETF (GETHASH '"V64.3" ICD9-HASH-TABLE)
      "Procedure not carried out for other reasons")
(SETF (GETHASH '"V64.4" ICD9-HASH-TABLE)
      "Laproscopic surgical procedure converted to open procedure")
(SETF (GETHASH '"V65" ICD9-HASH-TABLE)
      "Other persons seeking consultation without complaint or sickness")
(SETF (GETHASH '"V65.0" ICD9-HASH-TABLE)
      "Healthy person accompanying sick person")
(SETF (GETHASH '"V65.1" ICD9-HASH-TABLE)
      "Person consulting on behalf of another person")
(SETF (GETHASH '"V65.2" ICD9-HASH-TABLE) "Person feigning illness")
(SETF (GETHASH '"V65.3" ICD9-HASH-TABLE)
      "Dietary surveillance and counseling")
(SETF (GETHASH '"V65.4" ICD9-HASH-TABLE)
      "Other counseling, not elsewhere classified")
(SETF (GETHASH '"V65.40" ICD9-HASH-TABLE) "Counseling NOS")
(SETF (GETHASH '"V65.41" ICD9-HASH-TABLE) "Exercise counseling")
(SETF (GETHASH '"V65.42" ICD9-HASH-TABLE)
      "Counseling on substance use and abuse")
(SETF (GETHASH '"V65.43" ICD9-HASH-TABLE)
      "Counseling on injury prevention")
(SETF (GETHASH '"V65.44" ICD9-HASH-TABLE)
      "Human immunodeficiency virus [HIV] counseling")
(SETF (GETHASH '"V65.45" ICD9-HASH-TABLE)
      "Counseling on other sexually transmitted diseases")
(SETF (GETHASH '"V65.49" ICD9-HASH-TABLE) "Other specified counseling")
(SETF (GETHASH '"V65.5" ICD9-HASH-TABLE)
      "Person with feared complaint in whom no diagnosis was made")
(SETF (GETHASH '"V65.8" ICD9-HASH-TABLE)
      "Other reasons for seeking consultation")
(SETF (GETHASH '"V65.9" ICD9-HASH-TABLE)
      "Unspecified reason for consultation")
(SETF (GETHASH '"V66" ICD9-HASH-TABLE)
      "Convalescence and palliative care")
(SETF (GETHASH '"V66.0" ICD9-HASH-TABLE) "Following surgery")
(SETF (GETHASH '"V66.1" ICD9-HASH-TABLE) "Following radiotherapy")
(SETF (GETHASH '"V66.2" ICD9-HASH-TABLE) "Following chemotherapy")
(SETF (GETHASH '"V66.3" ICD9-HASH-TABLE)
      "Following psychotherapy and other treatment for mental disorder")
(SETF (GETHASH '"V66.4" ICD9-HASH-TABLE)
      "Following treatment of fracture")
(SETF (GETHASH '"V66.5" ICD9-HASH-TABLE) "Following other treatment")
(SETF (GETHASH '"V66.6" ICD9-HASH-TABLE) "Following combined treatment")
(SETF (GETHASH '"V66.7" ICD9-HASH-TABLE) "Encounter for palliative care")
(SETF (GETHASH '"V66.9" ICD9-HASH-TABLE) "Unspecified convalescence")
(SETF (GETHASH '"V67" ICD9-HASH-TABLE) "Follow-up examination")
(SETF (GETHASH '"V67.0" ICD9-HASH-TABLE) "Following surgery")
(SETF (GETHASH '"V67.1" ICD9-HASH-TABLE) "Following radiotherapy")
(SETF (GETHASH '"V67.2" ICD9-HASH-TABLE) "Following chemotherapy")
(SETF (GETHASH '"V67.3" ICD9-HASH-TABLE)
      "Following psychotherapy and other treatment for mental disorder")
(SETF (GETHASH '"V67.4" ICD9-HASH-TABLE)
      "Following treatment of healed fracture")
(SETF (GETHASH '"V67.5" ICD9-HASH-TABLE) "Following other treatment")
(SETF (GETHASH '"V67.51" ICD9-HASH-TABLE)
      "Following completed treatment with high-risk medication, not elsewhere classified")
(SETF (GETHASH '"V67.59" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"V67.6" ICD9-HASH-TABLE) "Following combined treatment")
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(SETF (GETHASH '"V67.9" ICD9-HASH-TABLE)
      "Unspecified follow-up examination")
(SETF (GETHASH '"V68" ICD9-HASH-TABLE)
      "Encounters for administrative purposes")
(SETF (GETHASH '"V68.0" ICD9-HASH-TABLE) "Issue of medical certificates")
(SETF (GETHASH '"V68.1" ICD9-HASH-TABLE) "Issue of repeat prescriptions")
(SETF (GETHASH '"V68.2" ICD9-HASH-TABLE) "Request for expert evidence")
(SETF (GETHASH '"V68.8" ICD9-HASH-TABLE)
      "Other specified administrative purpose")
(SETF (GETHASH '"V68.81" ICD9-HASH-TABLE)
      "Referral of patient without examination or treatment")
(SETF (GETHASH '"V68.89" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"V68.9" ICD9-HASH-TABLE)
      "Unspecified administrative purpose")
(SETF (GETHASH '"V69" ICD9-HASH-TABLE) "Problems related to lifestyle")
(SETF (GETHASH '"V69.0" ICD9-HASH-TABLE) "Lack of physical exercise")
(SETF (GETHASH '"V69.1" ICD9-HASH-TABLE)
      "Inappropriate diet and eating habits")
(SETF (GETHASH '"V69.2" ICD9-HASH-TABLE) "High-risk sexual behavior")
(SETF (GETHASH '"V69.3" ICD9-HASH-TABLE) "Gambling and betting")
(SETF (GETHASH '"V69.8" ICD9-HASH-TABLE)
      "Other problems related to lifestyle")
(SETF (GETHASH '"V69.9" ICD9-HASH-TABLE)
      "Problem related to lifestyle, unspecified")
(SETF (GETHASH '"V70" ICD9-HASH-TABLE) "General medical examination")
(SETF (GETHASH '"V70.0" ICD9-HASH-TABLE)
      "Routine general medical examination at a health care facility")
(SETF (GETHASH '"V70.1" ICD9-HASH-TABLE)
      "General psychiatric examination, requested by the authority")
(SETF (GETHASH '"V70.2" ICD9-HASH-TABLE)
      "General psychiatric examination, other and unspecified")
(SETF (GETHASH '"V70.3" ICD9-HASH-TABLE)
      "Other medical examination for administrative purposes")
(SETF (GETHASH '"V70.4" ICD9-HASH-TABLE)
      "Examination for medicolegal reasons")
(SETF (GETHASH '"V70.5" ICD9-HASH-TABLE)
      "Health examination of defined subpopulations")
(SETF (GETHASH '"V70.6" ICD9-HASH-TABLE)
      "Health examination in population surveys")
(SETF (GETHASH '"V70.7" ICD9-HASH-TABLE)
      "Examination for normal comparison or control in clinical research")
(SETF (GETHASH '"V70.8" ICD9-HASH-TABLE)
      "Other specified general medical examinations")
(SETF (GETHASH '"V70.9" ICD9-HASH-TABLE)
      "Unspecified general medical examination")
(SETF (GETHASH '"V71" ICD9-HASH-TABLE)
      "Observation and evaluation for suspected conditions not found")
(SETF (GETHASH '"V71.0" ICD9-HASH-TABLE)
      "Observation for suspected mental condition")
(SETF (GETHASH '"V71.01" ICD9-HASH-TABLE) "Adult antisocial behavior")
(SETF (GETHASH '"V71.02" ICD9-HASH-TABLE)
      "Childhood or adolescent antisocial behavior")
(SETF (GETHASH '"V71.09" ICD9-HASH-TABLE)
      "Other suspected mental condition")
(SETF (GETHASH '"V71.1" ICD9-HASH-TABLE)
      "Observation for suspected malignant neoplasm")
(SETF (GETHASH '"V71.2" ICD9-HASH-TABLE)
      "Observation for suspected tuberculosis")
(SETF (GETHASH '"V71.3" ICD9-HASH-TABLE)
      "Observation following accident at work")
(SETF (GETHASH '"V71.4" ICD9-HASH-TABLE)
      "Observation following other accident")
(SETF (GETHASH '"V71.5" ICD9-HASH-TABLE)
      "Observation following alleged rape or seduction")
(SETF (GETHASH '"V71.6" ICD9-HASH-TABLE)
      "Observation following other inflicted injury")
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(SETF (GETHASH '"V71.7" ICD9-HASH-TABLE)
      "Observation for suspected cardiovascular disease")
(SETF (GETHASH '"V71.8" ICD9-HASH-TABLE)
      "Observation for other specified suspected conditions")
(SETF (GETHASH '"V71.9" ICD9-HASH-TABLE)
      "Observation for unspecified suspected condition")
(SETF (GETHASH '"V72" ICD9-HASH-TABLE)
      "Special investigations and examinations")
(SETF (GETHASH '"V72.0" ICD9-HASH-TABLE)
      "Examination of eyes and vision")
(SETF (GETHASH '"V72.1" ICD9-HASH-TABLE)
      "Examination of ears and hearing")
(SETF (GETHASH '"V72.2" ICD9-HASH-TABLE) "Dental examination")
(SETF (GETHASH '"V72.3" ICD9-HASH-TABLE) "Gynecological examination")
(SETF (GETHASH '"V72.4" ICD9-HASH-TABLE)
      "Pregnancy examination or test, pregnancy unconfirmed")
(SETF (GETHASH '"V72.5" ICD9-HASH-TABLE)
      "Radiological examination, not elsewhere classified")
(SETF (GETHASH '"V72.6" ICD9-HASH-TABLE) "Laboratory examination")
(SETF (GETHASH '"V72.7" ICD9-HASH-TABLE)
      "Diagnostic skin and sensitization tests")
(SETF (GETHASH '"V72.8" ICD9-HASH-TABLE) "Other specified examinations")
(SETF (GETHASH '"V72.81" ICD9-HASH-TABLE)
      "Preoperative cardiovascular examination")
(SETF (GETHASH '"V72.82" ICD9-HASH-TABLE)
      "Preoperative respiratory examination")
(SETF (GETHASH '"V72.83" ICD9-HASH-TABLE)
      "Other specified preoperative examination")
(SETF (GETHASH '"V72.84" ICD9-HASH-TABLE)
      "Preoperative examination, unspecified")
(SETF (GETHASH '"V72.85" ICD9-HASH-TABLE) "Other specified examination")
(SETF (GETHASH '"V72.9" ICD9-HASH-TABLE) "Unspecified examination")
(SETF (GETHASH '"V73" ICD9-HASH-TABLE)
      "Special screening examination for viral and chlamydial diseases")
(SETF (GETHASH '"V73.0" ICD9-HASH-TABLE) "Poliomyelitis")
(SETF (GETHASH '"V73.1" ICD9-HASH-TABLE) "Smallpox")
(SETF (GETHASH '"V73.2" ICD9-HASH-TABLE) "Measles")
(SETF (GETHASH '"V73.3" ICD9-HASH-TABLE) "Rubella")
(SETF (GETHASH '"V73.4" ICD9-HASH-TABLE) "Yellow fever")
(SETF (GETHASH '"V73.5" ICD9-HASH-TABLE)
      "Other arthropod-borne viral diseases")
(SETF (GETHASH '"V73.6" ICD9-HASH-TABLE) "Trachoma")
(SETF (GETHASH '"V73.8" ICD9-HASH-TABLE)
      "Other specified viral and chlamydial diseases")
(SETF (GETHASH '"V73.88" ICD9-HASH-TABLE)
      "Other specified chlamydial diseases")
(SETF (GETHASH '"V73.89" ICD9-HASH-TABLE)
      "Other specified viral diseases")
(SETF (GETHASH '"V73.9" ICD9-HASH-TABLE)
      "Unspecified viral and chlamydial disease")
(SETF (GETHASH '"V73.98" ICD9-HASH-TABLE)
      "Unspecified chlamydial disease")
(SETF (GETHASH '"V73.99" ICD9-HASH-TABLE) "Unspecified viral disease")
(SETF (GETHASH '"V74" ICD9-HASH-TABLE)
      "Special screening examination for bacterial and spirochetal diseases")
(SETF (GETHASH '"V74.0" ICD9-HASH-TABLE) "Cholera")
(SETF (GETHASH '"V74.1" ICD9-HASH-TABLE) "Pulmonary tuberculosis")
(SETF (GETHASH '"V74.2" ICD9-HASH-TABLE) "Leprosy [Hansen's disease]")
(SETF (GETHASH '"V74.3" ICD9-HASH-TABLE) "Diphtheria")
(SETF (GETHASH '"V74.4" ICD9-HASH-TABLE) "Bacterial conjunctivitis")
(SETF (GETHASH '"V74.5" ICD9-HASH-TABLE) "Venereal disease")
(SETF (GETHASH '"V74.6" ICD9-HASH-TABLE) "Yaws")
(SETF (GETHASH '"V74.8" ICD9-HASH-TABLE)
      "Other specified bacterial and spirochetal diseases")
(SETF (GETHASH '"V74.9" ICD9-HASH-TABLE)
      "Unspecified bacterial and spirochetal disease")
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(SETF (GETHASH '"V75" ICD9-HASH-TABLE)
      "Special screening examination for other infectious diseases")
(SETF (GETHASH '"V75.0" ICD9-HASH-TABLE) "Rickettsial diseases")
(SETF (GETHASH '"V75.1" ICD9-HASH-TABLE) "Malaria")
(SETF (GETHASH '"V75.2" ICD9-HASH-TABLE) "Leishmaniasis")
(SETF (GETHASH '"V75.3" ICD9-HASH-TABLE) "Trypanosomiasis")
(SETF (GETHASH '"V75.4" ICD9-HASH-TABLE) "Mycotic infections")
(SETF (GETHASH '"V75.5" ICD9-HASH-TABLE) "Schistosomiasis")
(SETF (GETHASH '"V75.6" ICD9-HASH-TABLE) "Filariasis")
(SETF (GETHASH '"V75.7" ICD9-HASH-TABLE) "Intestinal helminthiasis")
(SETF (GETHASH '"V75.8" ICD9-HASH-TABLE)
      "Other specified parasitic infections")
(SETF (GETHASH '"V75.9" ICD9-HASH-TABLE)
      "Unspecified infectious disease")
(SETF (GETHASH '"V76" ICD9-HASH-TABLE)
      "Special screening for malignant neoplasms")
(SETF (GETHASH '"V76.0" ICD9-HASH-TABLE) "Respiratory organs")
(SETF (GETHASH '"V76.1" ICD9-HASH-TABLE) "Breast")
(SETF (GETHASH '"V76.10" ICD9-HASH-TABLE)
      "Breast screening, unspecified")
(SETF (GETHASH '"V76.11" ICD9-HASH-TABLE)
      "Screening mammogram for high-risk patient")
(SETF (GETHASH '"V76.12" ICD9-HASH-TABLE) "Other screening mammogram")
(SETF (GETHASH '"V76.19" ICD9-HASH-TABLE)
      "Other screening breast examination")
(SETF (GETHASH '"V76.2" ICD9-HASH-TABLE) "Cervix")
(SETF (GETHASH '"V76.3" ICD9-HASH-TABLE) "Bladder")
(SETF (GETHASH '"V76.4" ICD9-HASH-TABLE) "Other sites")
(SETF (GETHASH '"V76.41" ICD9-HASH-TABLE) "Rectum")
(SETF (GETHASH '"V76.42" ICD9-HASH-TABLE) "Oral cavity")
(SETF (GETHASH '"V76.43" ICD9-HASH-TABLE) "Skin")
(SETF (GETHASH '"V76.49" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"V76.8" ICD9-HASH-TABLE) "Other neoplasm")
(SETF (GETHASH '"V76.9" ICD9-HASH-TABLE) "Unspecified")
(SETF (GETHASH '"V77" ICD9-HASH-TABLE)
      "Special screening for endocrine, nutritional, metabolic, and immunity disorders")
(SETF (GETHASH '"V77.0" ICD9-HASH-TABLE) "Thyroid disorders")
(SETF (GETHASH '"V77.1" ICD9-HASH-TABLE) "Diabetes mellitus")
(SETF (GETHASH '"V77.2" ICD9-HASH-TABLE) "Malnutrition")
(SETF (GETHASH '"V77.3" ICD9-HASH-TABLE) "Phenylketonuria [PKU]")
(SETF (GETHASH '"V77.4" ICD9-HASH-TABLE) "Galactosemia")
(SETF (GETHASH '"V77.5" ICD9-HASH-TABLE) "Gout")
(SETF (GETHASH '"V77.6" ICD9-HASH-TABLE) "Cystic fibrosis")
(SETF (GETHASH '"V77.7" ICD9-HASH-TABLE)
      "Other inborn errors of metabolism")
(SETF (GETHASH '"V77.8" ICD9-HASH-TABLE) "Obesity")
(SETF (GETHASH '"V77.9" ICD9-HASH-TABLE)
      "Other and unspecified endocrine, nutritional, metabolic, and immunity disorders")
(SETF (GETHASH '"V78" ICD9-HASH-TABLE)
      "Special screening for disorders of blood and blood-forming organs")
(SETF (GETHASH '"V78.0" ICD9-HASH-TABLE) "Iron deficiency anemia")
(SETF (GETHASH '"V78.1" ICD9-HASH-TABLE)
      "Other and unspecified deficiency anemia")
(SETF (GETHASH '"V78.2" ICD9-HASH-TABLE) "Sickle-cell disease or trait")
(SETF (GETHASH '"V78.3" ICD9-HASH-TABLE) "Other hemoglobinopathies")
(SETF (GETHASH '"V78.8" ICD9-HASH-TABLE)
      "Other disorders of blood and blood-forming organs")
(SETF (GETHASH '"V78.9" ICD9-HASH-TABLE)
      "Unspecified disorder of blood and blood-forming organs")
(SETF (GETHASH '"V79" ICD9-HASH-TABLE)
      "Special screening for mental disorders and developmental handicaps")
(SETF (GETHASH '"V79.1" ICD9-HASH-TABLE) "Alcoholism")
(SETF (GETHASH '"V79.2" ICD9-HASH-TABLE) "Mental retardation")
(SETF (GETHASH '"V79.3" ICD9-HASH-TABLE)
      "Developmental handicaps in early childhood")
(SETF (GETHASH '"V79.8" ICD9-HASH-TABLE)
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      "Other specified mental disorders and developmental handicaps")
(SETF (GETHASH '"V79.9" ICD9-HASH-TABLE)
      "Unspecified mental disorder and developmental handicap")
(SETF (GETHASH '"V80" ICD9-HASH-TABLE)
      "Special screening for neurological, eye, and ear diseases")
(SETF (GETHASH '"V80.0" ICD9-HASH-TABLE) "Neurological conditions")
(SETF (GETHASH '"V80.1" ICD9-HASH-TABLE) "Glaucoma")
(SETF (GETHASH '"V80.2" ICD9-HASH-TABLE) "Other eye conditions")
(SETF (GETHASH '"V80.3" ICD9-HASH-TABLE) "Ear diseases")
(SETF (GETHASH '"V81" ICD9-HASH-TABLE)
      "Special screening for cardiovascular, respiratory, and genitourinary diseases")
(SETF (GETHASH '"V81.0" ICD9-HASH-TABLE) "Ischemic heart disease")
(SETF (GETHASH '"V81.1" ICD9-HASH-TABLE) "Hypertension")
(SETF (GETHASH '"V81.2" ICD9-HASH-TABLE)
      "Other and unspecified cardiovascular conditions")
(SETF (GETHASH '"V81.3" ICD9-HASH-TABLE)
      "Chronic bronchitis and emphysema")
(SETF (GETHASH '"V81.4" ICD9-HASH-TABLE)
      "Other and unspecified respiratory conditions")
(SETF (GETHASH '"V81.5" ICD9-HASH-TABLE) "Nephropathy")
(SETF (GETHASH '"V81.6" ICD9-HASH-TABLE)
      "Other and unspecified genitourinary conditions")
(SETF (GETHASH '"V82" ICD9-HASH-TABLE)
      "Special screening for other conditions")
(SETF (GETHASH '"V82.0" ICD9-HASH-TABLE) "Skin conditions")
(SETF (GETHASH '"V82.1" ICD9-HASH-TABLE) "Rheumatoid arthritis")
(SETF (GETHASH '"V82.2" ICD9-HASH-TABLE) "Other rheumatic disorders")
(SETF (GETHASH '"V82.3" ICD9-HASH-TABLE) "Congenital dislocation of hip")
(SETF (GETHASH '"V82.4" ICD9-HASH-TABLE)
      "Postnatal screening for chromosomal anomalies")
(SETF (GETHASH '"V82.5" ICD9-HASH-TABLE)
      "Chemical poisoning and other contamination")
(SETF (GETHASH '"V82.6" ICD9-HASH-TABLE) "Multiphasic screening")
(SETF (GETHASH '"V82.8" ICD9-HASH-TABLE) "Other specified conditions")
(SETF (GETHASH '"V82.9" ICD9-HASH-TABLE) "Unspecified condition")
(SETF (GETHASH '"E800" ICD9-HASH-TABLE)
      "Railway accident involving collision with rolling stock")
(SETF (GETHASH '"E801" ICD9-HASH-TABLE)
      "Railway accident involving collision with other object")
(SETF (GETHASH '"E802" ICD9-HASH-TABLE)
      "Railway accident involving derailment without antecedent collision")
(SETF (GETHASH '"E803" ICD9-HASH-TABLE)
      "Railway accident involving explosion, fire, or burning")
(SETF (GETHASH '"E804" ICD9-HASH-TABLE)
      "Fall in, on, or from railway train")
(SETF (GETHASH '"E805" ICD9-HASH-TABLE) "Hit by rolling stock")
(SETF (GETHASH '"E806" ICD9-HASH-TABLE)
      "Other specified railway accident")
(SETF (GETHASH '"E807" ICD9-HASH-TABLE)
      "Railway accident of unspecified nature")
(SETF (GETHASH '"E810" ICD9-HASH-TABLE)
      "Motor vehicle traffic accident involving collision with train")
(SETF (GETHASH '"E811" ICD9-HASH-TABLE)
      "Motor vehicle traffic accident involving re-entrant collision with another motor vehicle")
(SETF (GETHASH '"E812" ICD9-HASH-TABLE)
      "Other motor vehicle traffic accident involving collision with motor vehicle")
(SETF (GETHASH '"E813" ICD9-HASH-TABLE)
      "Motor vehicle traffic accident involving collision with other vehicle")
(SETF (GETHASH '"E814" ICD9-HASH-TABLE)
      "Motor vehicle traffic accident involving collision with pedestrian")
(SETF (GETHASH '"E815" ICD9-HASH-TABLE)
      "Other motor vehicle traffic accident involving collision on the highway")
(SETF (GETHASH '"E816" ICD9-HASH-TABLE)
      "Motor vehicle traffic accident due to loss of control, without collision on the highway")
(SETF (GETHASH '"E817" ICD9-HASH-TABLE)
      "Noncollision motor vehicle traffic accident while boarding or alighting")
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(SETF (GETHASH '"E818" ICD9-HASH-TABLE)
      "Other noncollision motor vehicle traffic accident")
(SETF (GETHASH '"E819" ICD9-HASH-TABLE)
      "Motor vehicle traffic accident of unspecified nature")
(SETF (GETHASH '"E820" ICD9-HASH-TABLE)
      "Nontraffic accident involving motor-driven snow vehicle")
(SETF (GETHASH '"E821" ICD9-HASH-TABLE)
      "Nontraffic accident involving other off-road motor vehicle")
(SETF (GETHASH '"E822" ICD9-HASH-TABLE)
      "Other motor vehicle nontraffic accident involving collision with moving object")
(SETF (GETHASH '"E823" ICD9-HASH-TABLE)
      "Other motor vehicle nontraffic accident involving collision with stationary object")
(SETF (GETHASH '"E824" ICD9-HASH-TABLE)
      "Other motor vehicle nontraffic accident while boarding and alighting")
(SETF (GETHASH '"E825" ICD9-HASH-TABLE)
      "Other motor vehicle nontraffic accident of other and unspecified nature")
(SETF (GETHASH '"E826" ICD9-HASH-TABLE) "Pedal cycle accident")
(SETF (GETHASH '"E827" ICD9-HASH-TABLE) "Animal-drawn vehicle accident")
(SETF (GETHASH '"E828" ICD9-HASH-TABLE)
      "Accident involving animal being ridden")
(SETF (GETHASH '"E829" ICD9-HASH-TABLE) "Other road vehicle accidents")
(SETF (GETHASH '"E830" ICD9-HASH-TABLE)
      "Accident to watercraft causing submersion")
(SETF (GETHASH '"E831" ICD9-HASH-TABLE)
      "Accident to watercraft causing other injury")
(SETF (GETHASH '"E832" ICD9-HASH-TABLE)
      "Other accidental submersion or drowning in water transport accident")
(SETF (GETHASH '"E833" ICD9-HASH-TABLE)
      "Fall on stairs or ladders in water transport")
(SETF (GETHASH '"E834" ICD9-HASH-TABLE)
      "Other fall from one level to another in water transport")
(SETF (GETHASH '"E835" ICD9-HASH-TABLE)
      "Other and unspecified fall in water transport")
(SETF (GETHASH '"E836" ICD9-HASH-TABLE)
      "Machinery accident in water transport")
(SETF (GETHASH '"E837" ICD9-HASH-TABLE)
      "Explosion, fire, or burning in watercraft")
(SETF (GETHASH '"E838" ICD9-HASH-TABLE)
      "Other and unspecified water transport accident")
(SETF (GETHASH '"E840" ICD9-HASH-TABLE)
      "Accident to powered aircraft at takeoff or landing")
(SETF (GETHASH '"E841" ICD9-HASH-TABLE)
      "Accident to powered aircraft, other and unspecified")
(SETF (GETHASH '"E842" ICD9-HASH-TABLE) "Accident to unpowered aircraft")
(SETF (GETHASH '"E843" ICD9-HASH-TABLE) "Fall in, on, or from aircraft")
(SETF (GETHASH '"E844" ICD9-HASH-TABLE)
      "Other specified air transport accidents")
(SETF (GETHASH '"E845" ICD9-HASH-TABLE) "Accident involving spacecraft")
(SETF (GETHASH '"E846" ICD9-HASH-TABLE)
      "Accidents involving powered vehicles used solely within the buildings and premises of industrial or commercial establishment")
(SETF (GETHASH '"E847" ICD9-HASH-TABLE)
      "Accidents involving cable cars not running on rails")
(SETF (GETHASH '"E848" ICD9-HASH-TABLE)
      "Accidents involving other vehicles, not elsewhere classifiable")
(SETF (GETHASH '"E849" ICD9-HASH-TABLE) "Place of occurrence")
(SETF (GETHASH '"E849.0" ICD9-HASH-TABLE) "Home")
(SETF (GETHASH '"E849.1" ICD9-HASH-TABLE) "Farm")
(SETF (GETHASH '"E849.2" ICD9-HASH-TABLE) "Mine and quarry")
(SETF (GETHASH '"E849.3" ICD9-HASH-TABLE)
      "Industrial place and premises")
(SETF (GETHASH '"E849.4" ICD9-HASH-TABLE)
      "Place for recreation and sport")
(SETF (GETHASH '"E849.5" ICD9-HASH-TABLE) "Street and highway")
(SETF (GETHASH '"E849.6" ICD9-HASH-TABLE) "Public building")
(SETF (GETHASH '"E849.7" ICD9-HASH-TABLE) "Residential institution")
(SETF (GETHASH '"E849.8" ICD9-HASH-TABLE) "Other specified places")
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(SETF (GETHASH '"E849.9" ICD9-HASH-TABLE) "Unspecified place")
(SETF (GETHASH '"E850" ICD9-HASH-TABLE)
      "Accidental poisoning by analgesics, antipyretics, and antirheumatics")
(SETF (GETHASH '"E850.0" ICD9-HASH-TABLE) "Heroin")
(SETF (GETHASH '"E850.1" ICD9-HASH-TABLE) "Methadone")
(SETF (GETHASH '"E850.2" ICD9-HASH-TABLE)
      "Other opiates and related narcotics")
(SETF (GETHASH '"E850.3" ICD9-HASH-TABLE) "Salicylates")
(SETF (GETHASH '"E850.4" ICD9-HASH-TABLE)
      "Aromatic analgesics, not elsewhere classified")
(SETF (GETHASH '"E850.5" ICD9-HASH-TABLE) "Pyrazole derivatives")
(SETF (GETHASH '"E850.6" ICD9-HASH-TABLE)
      "Antirheumatics [antiphlogistics]")
(SETF (GETHASH '"E850.7" ICD9-HASH-TABLE)
      "Other non-narcotic analgesics")
(SETF (GETHASH '"E850.8" ICD9-HASH-TABLE)
      "Other specified analgesics and antipyretics")
(SETF (GETHASH '"E850.9" ICD9-HASH-TABLE)
      "Unspecified analgesic or antipyretic")
(SETF (GETHASH '"E851" ICD9-HASH-TABLE)
      "Accidental poisoning by barbiturates")
(SETF (GETHASH '"E852" ICD9-HASH-TABLE)
      "Accidental poisoning by other sedatives and hypnotics")
(SETF (GETHASH '"E852.0" ICD9-HASH-TABLE) "Chloral hydrate group")
(SETF (GETHASH '"E852.1" ICD9-HASH-TABLE) "Paraldehyde")
(SETF (GETHASH '"E852.2" ICD9-HASH-TABLE) "Bromine compounds")
(SETF (GETHASH '"E852.3" ICD9-HASH-TABLE) "Methaqualone compounds")
(SETF (GETHASH '"E852.4" ICD9-HASH-TABLE) "Glutethimide group")
(SETF (GETHASH '"E852.5" ICD9-HASH-TABLE)
      "Mixed sedatives, not elsewhere classified")
(SETF (GETHASH '"E852.8" ICD9-HASH-TABLE)
      "Other specified sedatives and hypnotics")
(SETF (GETHASH '"E852.9" ICD9-HASH-TABLE)
      "Unspecified sedative or hypnotic")
(SETF (GETHASH '"E853" ICD9-HASH-TABLE)
      "Accidental poisoning by tranquilizers")
(SETF (GETHASH '"E853.0" ICD9-HASH-TABLE)
      "Phenothiazine-based tranquilizers")
(SETF (GETHASH '"E853.1" ICD9-HASH-TABLE)
      "Butyrophenone-based tranquilizers")
(SETF (GETHASH '"E853.2" ICD9-HASH-TABLE)
      "Benzodiazepine-based tranquilizers")
(SETF (GETHASH '"E853.8" ICD9-HASH-TABLE)
      "Other specified tranquilizers")
(SETF (GETHASH '"E853.9" ICD9-HASH-TABLE) "Unspecified tranquilizer")
(SETF (GETHASH '"E854" ICD9-HASH-TABLE)
      "Accidental poisoning by other psychotropic agents")
(SETF (GETHASH '"E854.0" ICD9-HASH-TABLE) "Antidepressants")
(SETF (GETHASH '"E854.1" ICD9-HASH-TABLE)
      "Psychodysleptics [hallucinogens]")
(SETF (GETHASH '"E854.2" ICD9-HASH-TABLE) "Psychostimulants")
(SETF (GETHASH '"E854.3" ICD9-HASH-TABLE)
      "Central nervous system stimulants")
(SETF (GETHASH '"E854.8" ICD9-HASH-TABLE) "Other psychotropic agents")
(SETF (GETHASH '"E855" ICD9-HASH-TABLE)
      "Accidental poisoning by other drugs acting on central and autonomic nervous system")
(SETF (GETHASH '"E855.0" ICD9-HASH-TABLE)
      "Anticonvulsant and anti-Parkinsonism drugs")
(SETF (GETHASH '"E855.1" ICD9-HASH-TABLE)
      "Other central nervous system depressants")
(SETF (GETHASH '"E855.2" ICD9-HASH-TABLE) "Local anesthetics")
(SETF (GETHASH '"E855.3" ICD9-HASH-TABLE)
      "Parasympathomimetics [cholinergics]")
(SETF (GETHASH '"E855.4" ICD9-HASH-TABLE)
      "Parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics")
(SETF (GETHASH '"E855.5" ICD9-HASH-TABLE)
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      "Sympathomimetics [adrenergics]")
(SETF (GETHASH '"E855.6" ICD9-HASH-TABLE)
      "Sympatholytics [antiadrenergics]")
(SETF (GETHASH '"E855.8" ICD9-HASH-TABLE)
      "Other specified drugs acting on central and autonomic nervous systems")
(SETF (GETHASH '"E855.9" ICD9-HASH-TABLE)
      "Unspecified drug acting on central and autonomic nervous systems")
(SETF (GETHASH '"E856" ICD9-HASH-TABLE)
      "Accidental poisoning by antibiotics")
(SETF (GETHASH '"E857" ICD9-HASH-TABLE)
      "Accidental poisoning by other anti-infectives")
(SETF (GETHASH '"E858" ICD9-HASH-TABLE)
      "Accidental poisoning by other drugs")
(SETF (GETHASH '"E858.0" ICD9-HASH-TABLE)
      "Hormones and synthetic substitutes")
(SETF (GETHASH '"E858.1" ICD9-HASH-TABLE) "Primarily systemic agents")
(SETF (GETHASH '"E858.2" ICD9-HASH-TABLE)
      "Agents primarily affecting blood constituents")
(SETF (GETHASH '"E858.3" ICD9-HASH-TABLE)
      "Agents primarily affecting cardiovascular system")
(SETF (GETHASH '"E858.4" ICD9-HASH-TABLE)
      "Agents primarily affecting gastrointestinal system")
(SETF (GETHASH '"E858.5" ICD9-HASH-TABLE)
      "Water, mineral, and uric acid metabolism drugs")
(SETF (GETHASH '"E858.6" ICD9-HASH-TABLE)
      "Agents primarily acting on the smooth and skeletal muscles and respiratory system")
(SETF (GETHASH '"E858.7" ICD9-HASH-TABLE)
      "Agents primarily affecting skin and mucous membrane, ophthalmological, otorhinolaryngological, and dental drugs")
(SETF (GETHASH '"E858.8" ICD9-HASH-TABLE) "Other specified drugs")
(SETF (GETHASH '"E858.9" ICD9-HASH-TABLE) "Unspecified drug")
(SETF (GETHASH '"E860" ICD9-HASH-TABLE)
      "Accidental poisoning by alcohol, not elsewhere classified")
(SETF (GETHASH '"E860.0" ICD9-HASH-TABLE) "Alcoholic beverages")
(SETF (GETHASH '"E860.1" ICD9-HASH-TABLE)
      "Other and unspecified ethyl alcohol and its products")
(SETF (GETHASH '"E860.2" ICD9-HASH-TABLE) "Methyl alcohol")
(SETF (GETHASH '"E860.3" ICD9-HASH-TABLE) "Isopropyl alcohol")
(SETF (GETHASH '"E860.4" ICD9-HASH-TABLE) "Fusel oil")
(SETF (GETHASH '"E860.8" ICD9-HASH-TABLE) "Other specified alcohols")
(SETF (GETHASH '"E860.9" ICD9-HASH-TABLE) "Unspecified alcohol")
(SETF (GETHASH '"E861" ICD9-HASH-TABLE)
      "Accidental poisoning by cleansing and polishing agents, disinfectants, paints, and varnishes")
(SETF (GETHASH '"E861.0" ICD9-HASH-TABLE)
      "Synthetic detergents and shampoos")
(SETF (GETHASH '"E861.1" ICD9-HASH-TABLE) "Soap products")
(SETF (GETHASH '"E861.2" ICD9-HASH-TABLE) "Polishes")
(SETF (GETHASH '"E861.3" ICD9-HASH-TABLE)
      "Other cleansing and polishing agents")
(SETF (GETHASH '"E861.4" ICD9-HASH-TABLE) "Disinfectants")
(SETF (GETHASH '"E861.5" ICD9-HASH-TABLE) "Lead paints")
(SETF (GETHASH '"E861.6" ICD9-HASH-TABLE) "Other paints and varnishes")
(SETF (GETHASH '"E861.9" ICD9-HASH-TABLE) "Unspecified")
(SETF (GETHASH '"E862" ICD9-HASH-TABLE)
      "Accidental poisoning by petroleum products, other solvents and their vapors, not elsewhere classified")
(SETF (GETHASH '"E862.0" ICD9-HASH-TABLE) "Petroleum solvents")
(SETF (GETHASH '"E862.1" ICD9-HASH-TABLE) "Petroleum fuels and cleaners")
(SETF (GETHASH '"E862.2" ICD9-HASH-TABLE) "Lubricating oils")
(SETF (GETHASH '"E862.3" ICD9-HASH-TABLE) "Petroleum solids")
(SETF (GETHASH '"E862.4" ICD9-HASH-TABLE) "Other specified solvents")
(SETF (GETHASH '"E862.9" ICD9-HASH-TABLE) "Unspecified solvent")
(SETF (GETHASH '"E863" ICD9-HASH-TABLE)
      "Accidental poisoning by agricultural and horticultural chemical and pharmaceutical preparations other than plant foods and fertilizers")
(SETF (GETHASH '"E863.0" ICD9-HASH-TABLE)
      "Insecticides of organochlorine compounds")
(SETF (GETHASH '"E863.1" ICD9-HASH-TABLE)
      "Insecticides of organophosphorus compounds")
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(SETF (GETHASH '"E863.2" ICD9-HASH-TABLE) "Carbamates")
(SETF (GETHASH '"E863.3" ICD9-HASH-TABLE) "Mixtures of insecticides")
(SETF (GETHASH '"E863.4" ICD9-HASH-TABLE)
      "Other and unspecified insecticides")
(SETF (GETHASH '"E863.5" ICD9-HASH-TABLE) "Herbicides")
(SETF (GETHASH '"E863.6" ICD9-HASH-TABLE) "Fungicides")
(SETF (GETHASH '"E863.7" ICD9-HASH-TABLE) "Rodenticides")
(SETF (GETHASH '"E863.8" ICD9-HASH-TABLE) "Fumigants")
(SETF (GETHASH '"E863.9" ICD9-HASH-TABLE) "Other and unspecified")
(SETF (GETHASH '"E864" ICD9-HASH-TABLE)
      "Accidental poisoning by corrosives and caustics, not elsewhere classified")
(SETF (GETHASH '"E864.0" ICD9-HASH-TABLE) "Corrosive aromatics")
(SETF (GETHASH '"E864.1" ICD9-HASH-TABLE) "Acids")
(SETF (GETHASH '"E864.2" ICD9-HASH-TABLE) "Caustic alkalis")
(SETF (GETHASH '"E864.3" ICD9-HASH-TABLE)
      "Other specified corrosives and caustics")
(SETF (GETHASH '"E864.4" ICD9-HASH-TABLE)
      "Unspecified corrosives and caustics")
(SETF (GETHASH '"E865" ICD9-HASH-TABLE)
      "Accidental poisoning from poisonous foodstuffs and poisonous plants")
(SETF (GETHASH '"E865.0" ICD9-HASH-TABLE) "Meat")
(SETF (GETHASH '"E865.1" ICD9-HASH-TABLE) "Shellfish")
(SETF (GETHASH '"E865.2" ICD9-HASH-TABLE) "Other fish")
(SETF (GETHASH '"E865.3" ICD9-HASH-TABLE) "Berries and seeds")
(SETF (GETHASH '"E865.4" ICD9-HASH-TABLE) "Other specified plants")
(SETF (GETHASH '"E865.5" ICD9-HASH-TABLE) "Mushrooms and other fungi")
(SETF (GETHASH '"E865.8" ICD9-HASH-TABLE) "Other specified foods")
(SETF (GETHASH '"E865.9" ICD9-HASH-TABLE)
      "Unspecified foodstuff or poisonous plant")
(SETF (GETHASH '"E866" ICD9-HASH-TABLE)
      "Accidental poisoning by other and unspecified solid and liquid substances")
(SETF (GETHASH '"E866.0" ICD9-HASH-TABLE)
      "Lead and its compounds and fumes")
(SETF (GETHASH '"E866.1" ICD9-HASH-TABLE)
      "Mercury and its compounds and fumes")
(SETF (GETHASH '"E866.2" ICD9-HASH-TABLE)
      "Antimony and its compounds and fumes")
(SETF (GETHASH '"E866.3" ICD9-HASH-TABLE)
      "Arsenic and its compounds and fumes")
(SETF (GETHASH '"E866.4" ICD9-HASH-TABLE)
      "Other metals and their compounds and fumes")
(SETF (GETHASH '"E866.5" ICD9-HASH-TABLE) "Plant foods and fertilizers")
(SETF (GETHASH '"E866.6" ICD9-HASH-TABLE) "Glues and adhesives")
(SETF (GETHASH '"E866.7" ICD9-HASH-TABLE) "Cosmetics")
(SETF (GETHASH '"E866.8" ICD9-HASH-TABLE)
      "Other specified solid or liquid substances")
(SETF (GETHASH '"E866.9" ICD9-HASH-TABLE)
      "Unspecified solid or liquid substance")
(SETF (GETHASH '"E867" ICD9-HASH-TABLE)
      "Accidental poisoning by gas distributed by pipeline")
(SETF (GETHASH '"E868" ICD9-HASH-TABLE)
      "Accidental poisoning by other utility gas and other carbon monoxide")
(SETF (GETHASH '"E868.0" ICD9-HASH-TABLE)
      "Liquefied petroleum gas distributed in mobile containers")
(SETF (GETHASH '"E868.1" ICD9-HASH-TABLE)
      "Other and unspecified utility gas")
(SETF (GETHASH '"E868.2" ICD9-HASH-TABLE) "Motor vehicle exhaust gas")
(SETF (GETHASH '"E868.3" ICD9-HASH-TABLE)
      "Carbon monoxide from incomplete combustion of other domestic fuels")
(SETF (GETHASH '"E868.8" ICD9-HASH-TABLE)
      "Carbon monoxide from other sources")
(SETF (GETHASH '"E868.9" ICD9-HASH-TABLE) "Unspecified carbon monoxide")
(SETF (GETHASH '"E869" ICD9-HASH-TABLE)
      "Accidental poisoning by other gases and vapors")
(SETF (GETHASH '"E869.0" ICD9-HASH-TABLE) "Nitrogen oxides")
(SETF (GETHASH '"E869.1" ICD9-HASH-TABLE) "Sulfur dioxide")
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(SETF (GETHASH '"E869.2" ICD9-HASH-TABLE) "Freon")
(SETF (GETHASH '"E869.3" ICD9-HASH-TABLE) "Lacrimogenic gas [tear gas]")
(SETF (GETHASH '"E869.4" ICD9-HASH-TABLE) "Second-hand tobacco smoke")
(SETF (GETHASH '"E869.8" ICD9-HASH-TABLE)
      "Other specified gases and vapors")
(SETF (GETHASH '"E869.9" ICD9-HASH-TABLE) "Unspecified gases and vapors")
(SETF (GETHASH '"E870" ICD9-HASH-TABLE)
      "Accidental cut, puncture, perforation, or hemorrhage during medical care")
(SETF (GETHASH '"E870.0" ICD9-HASH-TABLE) "Surgical operation")
(SETF (GETHASH '"E870.1" ICD9-HASH-TABLE) "Infusion or transfusion")
(SETF (GETHASH '"E870.2" ICD9-HASH-TABLE)
      "Kidney dialysis or other perfusion")
(SETF (GETHASH '"E870.3" ICD9-HASH-TABLE) "Injection or vaccination")
(SETF (GETHASH '"E870.4" ICD9-HASH-TABLE) "Endoscopic examination")
(SETF (GETHASH '"E870.5" ICD9-HASH-TABLE)
      "Aspiration of fluid or tissue, puncture, and catheterization")
(SETF (GETHASH '"E870.6" ICD9-HASH-TABLE) "Heart catheterization")
(SETF (GETHASH '"E870.7" ICD9-HASH-TABLE) "Administration of enema")
(SETF (GETHASH '"E870.8" ICD9-HASH-TABLE) "Other specified medical care")
(SETF (GETHASH '"E870.9" ICD9-HASH-TABLE) "Unspecified medical care")
(SETF (GETHASH '"E871" ICD9-HASH-TABLE)
      "Foreign object left in body during procedure")
(SETF (GETHASH '"E871.0" ICD9-HASH-TABLE) "Surgical operation")
(SETF (GETHASH '"E871.1" ICD9-HASH-TABLE) "Infusion or transfusion")
(SETF (GETHASH '"E871.2" ICD9-HASH-TABLE)
      "Kidney dialysis or other perfusion")
(SETF (GETHASH '"E871.3" ICD9-HASH-TABLE) "Injection or vaccination")
(SETF (GETHASH '"E871.4" ICD9-HASH-TABLE) "Endoscopic examination")
(SETF (GETHASH '"E871.5" ICD9-HASH-TABLE)
      "Aspiration of fluid or tissue, puncture, and catheterization")
(SETF (GETHASH '"E871.6" ICD9-HASH-TABLE) "Heart catheterization")
(SETF (GETHASH '"E871.7" ICD9-HASH-TABLE)
      "Removal of catheter or packing")
(SETF (GETHASH '"E871.8" ICD9-HASH-TABLE) "Other specified procedures")
(SETF (GETHASH '"E871.9" ICD9-HASH-TABLE) "Unspecified procedure")
(SETF (GETHASH '"E872" ICD9-HASH-TABLE)
      "Failure of sterile precautions during procedure")
(SETF (GETHASH '"E872.0" ICD9-HASH-TABLE) "Surgical operation")
(SETF (GETHASH '"E872.1" ICD9-HASH-TABLE) "Infusion or transfusion")
(SETF (GETHASH '"E872.2" ICD9-HASH-TABLE)
      "Kidney dialysis and other perfusion")
(SETF (GETHASH '"E872.3" ICD9-HASH-TABLE) "Injection or vaccination")
(SETF (GETHASH '"E872.4" ICD9-HASH-TABLE) "Endoscopic examination")
(SETF (GETHASH '"E872.5" ICD9-HASH-TABLE)
      "Aspiration of fluid or tissue, puncture, and catheterization")
(SETF (GETHASH '"E872.6" ICD9-HASH-TABLE) "Heart catheterization")
(SETF (GETHASH '"E872.8" ICD9-HASH-TABLE) "Other specified procedures")
(SETF (GETHASH '"E872.9" ICD9-HASH-TABLE) "Unspecified procedure")
(SETF (GETHASH '"E873" ICD9-HASH-TABLE) "Failure in dosage")
(SETF (GETHASH '"E873.0" ICD9-HASH-TABLE)
      "Excessive amount of blood or other fluid during transfusion or infusion")
(SETF (GETHASH '"E873.1" ICD9-HASH-TABLE)
      "Incorrect dilution of fluid during infusion")
(SETF (GETHASH '"E873.2" ICD9-HASH-TABLE)
      "Overdose of radiation in therapy")
(SETF (GETHASH '"E873.3" ICD9-HASH-TABLE)
      "Inadvertent exposure of patient to radiation during medical care")
(SETF (GETHASH '"E873.4" ICD9-HASH-TABLE)
      "Failure in dosage in electroshock or insulin-shock therapy")
(SETF (GETHASH '"E873.5" ICD9-HASH-TABLE)
      "Inappropriate [too hot or too cold] temperature in local application and packing")
(SETF (GETHASH '"E873.6" ICD9-HASH-TABLE)
      "Nonadministration of necessary drug or medicinal substance")
(SETF (GETHASH '"E873.8" ICD9-HASH-TABLE)
      "Other specified failure in dosage")
(SETF (GETHASH '"E873.9" ICD9-HASH-TABLE)
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      "Unspecified failure in dosage")
(SETF (GETHASH '"E874" ICD9-HASH-TABLE)
      "Mechanical failure of instrument or apparatus during procedure")
(SETF (GETHASH '"E874.0" ICD9-HASH-TABLE) "Surgical operation")
(SETF (GETHASH '"E874.1" ICD9-HASH-TABLE) "Infusion and transfusion")
(SETF (GETHASH '"E874.2" ICD9-HASH-TABLE)
      "Kidney dialysis and other perfusion")
(SETF (GETHASH '"E874.3" ICD9-HASH-TABLE) "Endoscopic examination")
(SETF (GETHASH '"E874.4" ICD9-HASH-TABLE)
      "Aspiration of fluid or tissue, puncture, and catheterization")
(SETF (GETHASH '"E874.5" ICD9-HASH-TABLE) "Heart catheterization")
(SETF (GETHASH '"E874.8" ICD9-HASH-TABLE) "Other specified procedures")
(SETF (GETHASH '"E874.9" ICD9-HASH-TABLE) "Unspecified procedure")
(SETF (GETHASH '"E875" ICD9-HASH-TABLE)
      "Contaminated or infected blood, other fluid, drug, or biological substance")
(SETF (GETHASH '"E875.0" ICD9-HASH-TABLE)
      "Contaminated substance transfused or infused")
(SETF (GETHASH '"E875.1" ICD9-HASH-TABLE)
      "Contaminated substance injected or used for vaccination")
(SETF (GETHASH '"E875.2" ICD9-HASH-TABLE)
      "Contaminated drug or biological substance administered by other means")
(SETF (GETHASH '"E875.8" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"E875.9" ICD9-HASH-TABLE) "Unspecified")
(SETF (GETHASH '"E876" ICD9-HASH-TABLE)
      "Other and unspecified misadventures during medical care")
(SETF (GETHASH '"E876.0" ICD9-HASH-TABLE)
      "Mismatched blood in transfusion")
(SETF (GETHASH '"E876.1" ICD9-HASH-TABLE) "Wrong fluid in infusion")
(SETF (GETHASH '"E876.2" ICD9-HASH-TABLE)
      "Failure in suture and ligature during surgical operation")
(SETF (GETHASH '"E876.3" ICD9-HASH-TABLE)
      "Endotracheal tube wrongly placed during anesthetic procedure")
(SETF (GETHASH '"E876.4" ICD9-HASH-TABLE)
      "Failure to introduce or to remove other tube or instrument")
(SETF (GETHASH '"E876.5" ICD9-HASH-TABLE)
      "Performance of inappropriate operation")
(SETF (GETHASH '"E876.8" ICD9-HASH-TABLE)
      "Other specified misadventures during medical care")
(SETF (GETHASH '"E876.9" ICD9-HASH-TABLE)
      "Unspecified misadventure during medical care")
(SETF (GETHASH '"E878" ICD9-HASH-TABLE)
      "Surgical operation and other surgical procedures as the cause of abnormal reaction of patient, or of later complication, without mention of misadventure at the time of
operation")
(SETF (GETHASH '"E878.0" ICD9-HASH-TABLE)
      "Surgical operation with transplant of whole organ")
(SETF (GETHASH '"E878.1" ICD9-HASH-TABLE)
      "Surgical operation with implant of artificial internal device")
(SETF (GETHASH '"E878.2" ICD9-HASH-TABLE)
      "Surgical operation with anastomosis, bypass, or graft, with natural or artificial tissues used as implant")
(SETF (GETHASH '"E878.3" ICD9-HASH-TABLE)
      "Surgical operation with formation of external stoma")
(SETF (GETHASH '"E878.4" ICD9-HASH-TABLE) "Other restorative surgery")
(SETF (GETHASH '"E878.5" ICD9-HASH-TABLE) "Amputation of limb(s)")
(SETF (GETHASH '"E878.6" ICD9-HASH-TABLE)
      "Removal of other organ (partial) (total)")
(SETF (GETHASH '"E878.8" ICD9-HASH-TABLE)
      "Other specified surgical operations and procedures")
(SETF (GETHASH '"E878.9" ICD9-HASH-TABLE)
      "Unspecified surgical operations and procedures")
(SETF (GETHASH '"E879" ICD9-HASH-TABLE)
      "Other procedures, without mention of misadventure at the time of procedure, as the cause of abnormal reaction of patient, or of later complication")
(SETF (GETHASH '"E879.0" ICD9-HASH-TABLE) "Cardiac catheterization")
(SETF (GETHASH '"E879.1" ICD9-HASH-TABLE) "Kidney dialysis")
(SETF (GETHASH '"E879.2" ICD9-HASH-TABLE)
      "Radiological procedure and radiotherapy")
(SETF (GETHASH '"E879.3" ICD9-HASH-TABLE) "Shock therapy")
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(SETF (GETHASH '"E879.4" ICD9-HASH-TABLE) "Aspiration of fluid")
(SETF (GETHASH '"E879.5" ICD9-HASH-TABLE)
      "Insertion of gastric or duodenal sound")
(SETF (GETHASH '"E879.6" ICD9-HASH-TABLE) "Urinary catheterization")
(SETF (GETHASH '"E879.7" ICD9-HASH-TABLE) "Blood sampling")
(SETF (GETHASH '"E879.8" ICD9-HASH-TABLE) "Other specified procedures")
(SETF (GETHASH '"E879.9" ICD9-HASH-TABLE) "Unspecified procedure")
(SETF (GETHASH '"E880" ICD9-HASH-TABLE)
      "Fall on or from stairs or steps")
(SETF (GETHASH '"E880.0" ICD9-HASH-TABLE) "Escalator")
(SETF (GETHASH '"E880.1" ICD9-HASH-TABLE)
      "Fall on or from sidewalk curb")
(SETF (GETHASH '"E880.9" ICD9-HASH-TABLE) "Other stairs or steps")
(SETF (GETHASH '"E881" ICD9-HASH-TABLE)
      "Fall on or from ladders or scaffolding")
(SETF (GETHASH '"E881.0" ICD9-HASH-TABLE) "Fall from ladder")
(SETF (GETHASH '"E881.1" ICD9-HASH-TABLE) "Fall from scaffolding")
(SETF (GETHASH '"E882" ICD9-HASH-TABLE)
      "Fall from or out of building or other structure")
(SETF (GETHASH '"E883" ICD9-HASH-TABLE)
      "Fall into hole or other opening in surface")
(SETF (GETHASH '"E883.0" ICD9-HASH-TABLE)
      "Accident from diving or jumping into water [swimming pool]")
(SETF (GETHASH '"E883.1" ICD9-HASH-TABLE) "Accidental fall into well")
(SETF (GETHASH '"E883.2" ICD9-HASH-TABLE)
      "Accidental fall into storm drain or manhole")
(SETF (GETHASH '"E883.9" ICD9-HASH-TABLE)
      "Fall into other hole or other opening in surface")
(SETF (GETHASH '"E884" ICD9-HASH-TABLE)
      "Other fall from one level to another")
(SETF (GETHASH '"E884.0" ICD9-HASH-TABLE)
      "Fall from playground equipment")
(SETF (GETHASH '"E884.1" ICD9-HASH-TABLE) "Fall from cliff")
(SETF (GETHASH '"E884.2" ICD9-HASH-TABLE) "Fall from chair")
(SETF (GETHASH '"E884.3" ICD9-HASH-TABLE) "Fall from wheelchair")
(SETF (GETHASH '"E884.4" ICD9-HASH-TABLE) "Fall from bed")
(SETF (GETHASH '"E884.5" ICD9-HASH-TABLE) "Fall from other furniture")
(SETF (GETHASH '"E884.6" ICD9-HASH-TABLE) "Fall from commode")
(SETF (GETHASH '"E884.9" ICD9-HASH-TABLE)
      "Other fall from one level to another")
(SETF (GETHASH '"E885" ICD9-HASH-TABLE)
      "Fall on same level from slipping, tripping, or stumbling")
(SETF (GETHASH '"E886" ICD9-HASH-TABLE)
      "Fall on same level from collision, pushing, or shoving, by or with other person")
(SETF (GETHASH '"E886.0" ICD9-HASH-TABLE) "In sports")
(SETF (GETHASH '"E886.9" ICD9-HASH-TABLE) "Other and unspecified")
(SETF (GETHASH '"E887" ICD9-HASH-TABLE) "Fracture, cause unspecified")
(SETF (GETHASH '"E888" ICD9-HASH-TABLE) "Other and unspecified fall")
(SETF (GETHASH '"E890" ICD9-HASH-TABLE)
      "Conflagration in private dwelling")
(SETF (GETHASH '"E890.0" ICD9-HASH-TABLE)
      "Explosion caused by conflagration")
(SETF (GETHASH '"E890.1" ICD9-HASH-TABLE)
      "Fumes from combustion of polyvinylchloride [PVC] and similar material in conflagration")
(SETF (GETHASH '"E890.2" ICD9-HASH-TABLE)
      "Other smoke and fumes from conflagration")
(SETF (GETHASH '"E890.3" ICD9-HASH-TABLE)
      "Burning caused by conflagration")
(SETF (GETHASH '"E890.8" ICD9-HASH-TABLE)
      "Other accident resulting from conflagration")
(SETF (GETHASH '"E890.9" ICD9-HASH-TABLE)
      "Unspecified accident resulting from conflagration in private dwelling")
(SETF (GETHASH '"E891" ICD9-HASH-TABLE)
      "Conflagration in other and unspecified building or structure")
(SETF (GETHASH '"E891.0" ICD9-HASH-TABLE)
      "Explosion caused by conflagration")
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(SETF (GETHASH '"E891.1" ICD9-HASH-TABLE)
      "Fumes from combustion of polyvinylchloride [PVC] and similar material in conflagration")
(SETF (GETHASH '"E891.2" ICD9-HASH-TABLE)
      "Other smoke and fumes from conflagration")
(SETF (GETHASH '"E891.3" ICD9-HASH-TABLE)
      "Burning caused by conflagration")
(SETF (GETHASH '"E891.8" ICD9-HASH-TABLE)
      "Other accident resulting from conflagration")
(SETF (GETHASH '"E891.9" ICD9-HASH-TABLE)
      "Unspecified accident resulting from conflagration of other and unspecified building or structure")
(SETF (GETHASH '"E892" ICD9-HASH-TABLE)
      "Conflagration not in building or structure")
(SETF (GETHASH '"E893" ICD9-HASH-TABLE)
      "Accident caused by ignition of clothing")
(SETF (GETHASH '"E893.0" ICD9-HASH-TABLE)
      "From controlled fire in private dwelling")
(SETF (GETHASH '"E893.1" ICD9-HASH-TABLE)
      "From controlled fire in other building or structure")
(SETF (GETHASH '"E893.2" ICD9-HASH-TABLE)
      "From controlled fire not in building or structure")
(SETF (GETHASH '"E893.8" ICD9-HASH-TABLE) "From other specified sources")
(SETF (GETHASH '"E893.9" ICD9-HASH-TABLE) "Unspecified source")
(SETF (GETHASH '"E894" ICD9-HASH-TABLE)
      "Ignition of highly inflammable material")
(SETF (GETHASH '"E895" ICD9-HASH-TABLE)
      "Accident caused by controlled fire in private dwelling")
(SETF (GETHASH '"E896" ICD9-HASH-TABLE)
      "Accident caused by controlled fire in other and unspecified building or structure")
(SETF (GETHASH '"E897" ICD9-HASH-TABLE)
      "Accident caused by controlled fire not in building or structure")
(SETF (GETHASH '"E898" ICD9-HASH-TABLE)
      "Accident caused by other specified fire and flames")
(SETF (GETHASH '"E898.0" ICD9-HASH-TABLE) "Burning bedclothes")
(SETF (GETHASH '"E898.1" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"E899" ICD9-HASH-TABLE)
      "Accident caused by unspecified fire")
(SETF (GETHASH '"E900" ICD9-HASH-TABLE) "Excessive heat")
(SETF (GETHASH '"E900.0" ICD9-HASH-TABLE) "Due to weather conditions")
(SETF (GETHASH '"E900.1" ICD9-HASH-TABLE) "Of man-made origin")
(SETF (GETHASH '"E900.9" ICD9-HASH-TABLE) "Of unspecified origin")
(SETF (GETHASH '"E901" ICD9-HASH-TABLE) "Excessive cold")
(SETF (GETHASH '"E901.0" ICD9-HASH-TABLE) "Due to weather conditions")
(SETF (GETHASH '"E901.1" ICD9-HASH-TABLE) "Of man-made origin")
(SETF (GETHASH '"E901.8" ICD9-HASH-TABLE) "Other specified origin")
(SETF (GETHASH '"E901.9" ICD9-HASH-TABLE) "Of unspecified origin")
(SETF (GETHASH '"E902" ICD9-HASH-TABLE)
      "High and low air pressure and changes in air pressure")
(SETF (GETHASH '"E902.0" ICD9-HASH-TABLE)
      "Residence or prolonged visit at high altitude")
(SETF (GETHASH '"E902.1" ICD9-HASH-TABLE) "In aircraft")
(SETF (GETHASH '"E902.2" ICD9-HASH-TABLE) "Due to diving")
(SETF (GETHASH '"E902.8" ICD9-HASH-TABLE)
      "Due to other specified causes")
(SETF (GETHASH '"E902.9" ICD9-HASH-TABLE) "Unspecified cause")
(SETF (GETHASH '"E903" ICD9-HASH-TABLE) "Travel and motion")
(SETF (GETHASH '"E904" ICD9-HASH-TABLE)
      "Hunger, thirst, exposure, and neglect")
(SETF (GETHASH '"E904.0" ICD9-HASH-TABLE)
      "Abandonment or neglect of infants and helpless persons")
(SETF (GETHASH '"E904.1" ICD9-HASH-TABLE) "Lack of food")
(SETF (GETHASH '"E904.2" ICD9-HASH-TABLE) "Lack of water")
(SETF (GETHASH '"E904.3" ICD9-HASH-TABLE)
      "Exposure (to weather conditions), not elsewhere classifiable")
(SETF (GETHASH '"E904.9" ICD9-HASH-TABLE) "Privation, unqualified")
(SETF (GETHASH '"E905" ICD9-HASH-TABLE)
      "Venomous animals and plants as the cause of poisoning and toxic reactions")
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(SETF (GETHASH '"E905.0" ICD9-HASH-TABLE) "Venomous snakes and lizards")
(SETF (GETHASH '"E905.1" ICD9-HASH-TABLE) "Venomous spiders")
(SETF (GETHASH '"E905.2" ICD9-HASH-TABLE) "Scorpion")
(SETF (GETHASH '"E905.3" ICD9-HASH-TABLE) "Hornets, wasps, and bees")
(SETF (GETHASH '"E905.4" ICD9-HASH-TABLE)
      "Centipede and venomous millipede (tropical)")
(SETF (GETHASH '"E905.5" ICD9-HASH-TABLE) "Other venomous arthropods")
(SETF (GETHASH '"E905.6" ICD9-HASH-TABLE)
      "Venomous marine animals and plants")
(SETF (GETHASH '"E905.7" ICD9-HASH-TABLE)
      "Poisoning and toxic reactions caused by other plants")
(SETF (GETHASH '"E905.8" ICD9-HASH-TABLE) "Other specified")
(SETF (GETHASH '"E905.9" ICD9-HASH-TABLE) "Unspecified")
(SETF (GETHASH '"E906" ICD9-HASH-TABLE) "Other injury caused by animals")
(SETF (GETHASH '"E906.0" ICD9-HASH-TABLE) "Dog bite")
(SETF (GETHASH '"E906.1" ICD9-HASH-TABLE) "Rat bite")
(SETF (GETHASH '"E906.2" ICD9-HASH-TABLE)
      "Bite of nonvenomous snakes and lizards")
(SETF (GETHASH '"E906.3" ICD9-HASH-TABLE)
      "Bite of other animal except arthropod")
(SETF (GETHASH '"E906.4" ICD9-HASH-TABLE)
      "Bite of nonvenomous arthropod")
(SETF (GETHASH '"E906.5" ICD9-HASH-TABLE) "Bite by unspecified animal")
(SETF (GETHASH '"E906.8" ICD9-HASH-TABLE)
      "Other specified injury caused by animal")
(SETF (GETHASH '"E906.9" ICD9-HASH-TABLE)
      "Unspecified injury caused by animal")
(SETF (GETHASH '"E907" ICD9-HASH-TABLE) "Lightning")
(SETF (GETHASH '"E908" ICD9-HASH-TABLE)
      "Cataclysmic storms, and floods resulting from storms")
(SETF (GETHASH '"E908.0" ICD9-HASH-TABLE) "Hurricane")
(SETF (GETHASH '"E908.1" ICD9-HASH-TABLE) "Tornado")
(SETF (GETHASH '"E908.2" ICD9-HASH-TABLE) "Floods")
(SETF (GETHASH '"E908.3" ICD9-HASH-TABLE) "Blizzard (snow)  (ice)")
(SETF (GETHASH '"E908.4" ICD9-HASH-TABLE) "Dust storm")
(SETF (GETHASH '"E908.8" ICD9-HASH-TABLE) "Other cataclysmic storms")
(SETF (GETHASH '"E908.9" ICD9-HASH-TABLE)
      "Unspecified cataclysmic storms, and floods resulting from storms")
(SETF (GETHASH '"E909" ICD9-HASH-TABLE)
      "Cataclysmic earth surface movements and eruptions")
(SETF (GETHASH '"E909.0" ICD9-HASH-TABLE) "Earthquakes")
(SETF (GETHASH '"E909.1" ICD9-HASH-TABLE) "Volcanic eruptions")
(SETF (GETHASH '"E909.2" ICD9-HASH-TABLE)
      "Avalanche, landslide, or mudslide")
(SETF (GETHASH '"E909.3" ICD9-HASH-TABLE)
      "Collapse of dam or man-made structure")
(SETF (GETHASH '"E909.4" ICD9-HASH-TABLE)
      "Tidalwave caused by earthquake")
(SETF (GETHASH '"E909.8" ICD9-HASH-TABLE)
      "Other cataclysmic earth surface movements and eruptions")
(SETF (GETHASH '"E909.9" ICD9-HASH-TABLE)
      "Unspecified cataclysmic earth surface movements and eruptions")
(SETF (GETHASH '"E910" ICD9-HASH-TABLE)
      "Accidental drowning and submersion")
(SETF (GETHASH '"E910.0" ICD9-HASH-TABLE) "While water-skiing")
(SETF (GETHASH '"E910.1" ICD9-HASH-TABLE)
      "While engaged in other sport or recreational activity with diving equipment")
(SETF (GETHASH '"E910.2" ICD9-HASH-TABLE)
      "While engaged in other sport or recreational activity without diving equipment")
(SETF (GETHASH '"E910.3" ICD9-HASH-TABLE)
      "While swimming or diving for purposes other than recreation or sport")
(SETF (GETHASH '"E910.4" ICD9-HASH-TABLE) "In bathtub")
(SETF (GETHASH '"E910.8" ICD9-HASH-TABLE)
      "Other accidental drowning or submersion")
(SETF (GETHASH '"E910.9" ICD9-HASH-TABLE)
      "Unspecified accidental drowning or submersion")
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(SETF (GETHASH '"E911" ICD9-HASH-TABLE)
      "Inhalation and ingestion of food causing obstruction of respiratory tract or suffocation")
(SETF (GETHASH '"E912" ICD9-HASH-TABLE)
      "Inhalation and ingestion of other object causing obstruction of respiratory tract or suffocation")
(SETF (GETHASH '"E913" ICD9-HASH-TABLE)
      "Accidental mechanical suffocation")
(SETF (GETHASH '"E913.0" ICD9-HASH-TABLE) "In bed or cradle")
(SETF (GETHASH '"E913.1" ICD9-HASH-TABLE) "By plastic bag")
(SETF (GETHASH '"E913.2" ICD9-HASH-TABLE)
      "Due to lack of air (in closed place)")
(SETF (GETHASH '"E913.3" ICD9-HASH-TABLE)
      "By falling earth or other substance")
(SETF (GETHASH '"E913.8" ICD9-HASH-TABLE) "Other specified means")
(SETF (GETHASH '"E913.9" ICD9-HASH-TABLE) "Unspecified means")
(SETF (GETHASH '"E914" ICD9-HASH-TABLE)
      "Foreign body accidentally entering eye and adnexa")
(SETF (GETHASH '"E915" ICD9-HASH-TABLE)
      "Foreign body accidentally entering other orifice")
(SETF (GETHASH '"E916" ICD9-HASH-TABLE)
      "Struck accidentally by falling object")
(SETF (GETHASH '"E917" ICD9-HASH-TABLE)
      "Striking against or struck accidentally by objects or persons")
(SETF (GETHASH '"E917.0" ICD9-HASH-TABLE) "In sports")
(SETF (GETHASH '"E917.1" ICD9-HASH-TABLE)
      "Caused by a crowd, by collective fear or panic")
(SETF (GETHASH '"E917.2" ICD9-HASH-TABLE) "In running water")
(SETF (GETHASH '"E917.9" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"E918" ICD9-HASH-TABLE)
      "Caught accidentally in or between objects")
(SETF (GETHASH '"E919" ICD9-HASH-TABLE) "Accidents caused by machinery")
(SETF (GETHASH '"E919.0" ICD9-HASH-TABLE) "Agricultural machines")
(SETF (GETHASH '"E919.1" ICD9-HASH-TABLE)
      "Mining and earth-drilling machinery")
(SETF (GETHASH '"E919.2" ICD9-HASH-TABLE)
      "Lifting machines and appliances")
(SETF (GETHASH '"E919.3" ICD9-HASH-TABLE) "Metalworking machines")
(SETF (GETHASH '"E919.4" ICD9-HASH-TABLE)
      "Woodworking and forming machines")
(SETF (GETHASH '"E919.5" ICD9-HASH-TABLE)
      "Prime movers, except electrical motors")
(SETF (GETHASH '"E919.6" ICD9-HASH-TABLE) "Transmission machinery")
(SETF (GETHASH '"E919.7" ICD9-HASH-TABLE)
      "Earth moving, scraping, and other excavating machines")
(SETF (GETHASH '"E919.8" ICD9-HASH-TABLE) "Other specified machinery")
(SETF (GETHASH '"E919.9" ICD9-HASH-TABLE) "Unspecified machinery")
(SETF (GETHASH '"E920" ICD9-HASH-TABLE)
      "Accidents caused by cutting and piercing instruments or objects")
(SETF (GETHASH '"E920.0" ICD9-HASH-TABLE) "Powered lawn mower")
(SETF (GETHASH '"E920.1" ICD9-HASH-TABLE) "Other powered hand tools")
(SETF (GETHASH '"E920.2" ICD9-HASH-TABLE)
      "Powered household appliances and implements")
(SETF (GETHASH '"E920.3" ICD9-HASH-TABLE) "Knives, swords, and daggers")
(SETF (GETHASH '"E920.4" ICD9-HASH-TABLE)
      "Other hand tools and implements")
(SETF (GETHASH '"E920.5" ICD9-HASH-TABLE) "Hypodermic needle")
(SETF (GETHASH '"E920.8" ICD9-HASH-TABLE)
      "Other specified cutting and piercing instruments or objects")
(SETF (GETHASH '"E920.9" ICD9-HASH-TABLE)
      "Unspecified cutting and piercing instrument or object")
(SETF (GETHASH '"E921" ICD9-HASH-TABLE)
      "Accident caused by explosion of pressure vessel")
(SETF (GETHASH '"E921.0" ICD9-HASH-TABLE) "Boilers")
(SETF (GETHASH '"E921.1" ICD9-HASH-TABLE) "Gas cylinders")
(SETF (GETHASH '"E921.8" ICD9-HASH-TABLE)
      "Other specified pressure vessels")
(SETF (GETHASH '"E921.9" ICD9-HASH-TABLE) "Unspecified pressure vessel")
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(SETF (GETHASH '"E922" ICD9-HASH-TABLE)
      "Accident caused by firearm missile")
(SETF (GETHASH '"E922.0" ICD9-HASH-TABLE) "Handgun")
(SETF (GETHASH '"E922.1" ICD9-HASH-TABLE) "Shotgun (automatic)")
(SETF (GETHASH '"E922.2" ICD9-HASH-TABLE) "Hunting rifle")
(SETF (GETHASH '"E922.3" ICD9-HASH-TABLE) "Military firearms")
(SETF (GETHASH '"E922.4" ICD9-HASH-TABLE) "Air gun")
(SETF (GETHASH '"E922.8" ICD9-HASH-TABLE)
      "Other specified firearm missile")
(SETF (GETHASH '"E922.9" ICD9-HASH-TABLE) "Unspecified firearm missile")
(SETF (GETHASH '"E923" ICD9-HASH-TABLE)
      "Accident caused by explosive material")
(SETF (GETHASH '"E923.0" ICD9-HASH-TABLE) "Fireworks")
(SETF (GETHASH '"E923.1" ICD9-HASH-TABLE) "Blasting materials")
(SETF (GETHASH '"E923.2" ICD9-HASH-TABLE) "Explosive gases")
(SETF (GETHASH '"E923.8" ICD9-HASH-TABLE) "Other explosive materials")
(SETF (GETHASH '"E923.9" ICD9-HASH-TABLE)
      "Unspecified explosive material")
(SETF (GETHASH '"E924" ICD9-HASH-TABLE)
      "Accident caused by hot substance or object, caustic or corrosive material, and steam")
(SETF (GETHASH '"E924.0" ICD9-HASH-TABLE)
      "Hot liquids and vapors, including steam")
(SETF (GETHASH '"E924.1" ICD9-HASH-TABLE)
      "Caustic and corrosive substances")
(SETF (GETHASH '"E924.2" ICD9-HASH-TABLE) "Hot (boiling) tap water")
(SETF (GETHASH '"E924.8" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"E924.9" ICD9-HASH-TABLE) "Unspecified")
(SETF (GETHASH '"E925" ICD9-HASH-TABLE)
      "Accident caused by electric current")
(SETF (GETHASH '"E925.0" ICD9-HASH-TABLE)
      "Domestic wiring and appliances")
(SETF (GETHASH '"E925.1" ICD9-HASH-TABLE)
      "Electric power generating plants, distribution stations, transmission lines")
(SETF (GETHASH '"E925.2" ICD9-HASH-TABLE)
      "Industrial wiring, appliances, and electrical machinery")
(SETF (GETHASH '"E925.8" ICD9-HASH-TABLE) "Other electric current")
(SETF (GETHASH '"E925.9" ICD9-HASH-TABLE) "Unspecified electric current")
(SETF (GETHASH '"E926" ICD9-HASH-TABLE) "Exposure to radiation")
(SETF (GETHASH '"E926.0" ICD9-HASH-TABLE) "Radiofrequency radiation")
(SETF (GETHASH '"E926.1" ICD9-HASH-TABLE) "Infra-red heaters and lamps")
(SETF (GETHASH '"E926.2" ICD9-HASH-TABLE)
      "Visible and ultraviolet light sources")
(SETF (GETHASH '"E926.3" ICD9-HASH-TABLE)
      "X-rays and other electromagnetic ionizing radiation")
(SETF (GETHASH '"E926.4" ICD9-HASH-TABLE) "Lasers")
(SETF (GETHASH '"E926.5" ICD9-HASH-TABLE) "Radioactive isotopes")
(SETF (GETHASH '"E926.8" ICD9-HASH-TABLE) "Other specified radiation")
(SETF (GETHASH '"E926.9" ICD9-HASH-TABLE) "Unspecified radiation")
(SETF (GETHASH '"E927" ICD9-HASH-TABLE)
      "Overexertion and strenuous movements")
(SETF (GETHASH '"E928" ICD9-HASH-TABLE)
      "Other and unspecified environmental and accidental causes")
(SETF (GETHASH '"E928.0" ICD9-HASH-TABLE)
      "Prolonged stay in weightless environment")
(SETF (GETHASH '"E928.1" ICD9-HASH-TABLE) "Exposure to noise")
(SETF (GETHASH '"E928.2" ICD9-HASH-TABLE) "Vibration")
(SETF (GETHASH '"E928.8" ICD9-HASH-TABLE) "Other")
(SETF (GETHASH '"E928.9" ICD9-HASH-TABLE) "Unspecified accident")
(SETF (GETHASH '"E929" ICD9-HASH-TABLE)
      "Late effects of accidental injury")
(SETF (GETHASH '"E929.0" ICD9-HASH-TABLE)
      "Late effects of motor vehicle accident")
(SETF (GETHASH '"E929.1" ICD9-HASH-TABLE)
      "Late effects of other transport accident")
(SETF (GETHASH '"E929.2" ICD9-HASH-TABLE)
      "Late effects of accidental poisoning")
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(SETF (GETHASH '"E929.3" ICD9-HASH-TABLE)
      "Late effects of accidental fall")
(SETF (GETHASH '"E929.4" ICD9-HASH-TABLE)
      "Late effects of accident caused by fire")
(SETF (GETHASH '"E929.5" ICD9-HASH-TABLE)
      "Late effects of accident due to natural and environmental factors")
(SETF (GETHASH '"E929.8" ICD9-HASH-TABLE)
      "Late effects of other accidents")
(SETF (GETHASH '"E929.9" ICD9-HASH-TABLE)
      "Late effects of unspecified accident")
(SETF (GETHASH '"E930" ICD9-HASH-TABLE) "Antibiotics")
(SETF (GETHASH '"E930.0" ICD9-HASH-TABLE) "Penicillins")
(SETF (GETHASH '"E930.1" ICD9-HASH-TABLE) "Antifungal antibiotics")
(SETF (GETHASH '"E930.2" ICD9-HASH-TABLE) "Chloramphenicol group")
(SETF (GETHASH '"E930.3" ICD9-HASH-TABLE)
      "Erythromycin and other macrolides")
(SETF (GETHASH '"E930.4" ICD9-HASH-TABLE) "Tetracycline group")
(SETF (GETHASH '"E930.5" ICD9-HASH-TABLE) "Cephalosporin group")
(SETF (GETHASH '"E930.6" ICD9-HASH-TABLE)
      "Antimycobacterial antibiotics")
(SETF (GETHASH '"E930.7" ICD9-HASH-TABLE) "Antineoplastic antibiotics")
(SETF (GETHASH '"E930.8" ICD9-HASH-TABLE) "Other specified antibiotics")
(SETF (GETHASH '"E930.9" ICD9-HASH-TABLE) "Unspecified antibiotic")
(SETF (GETHASH '"E931" ICD9-HASH-TABLE) "Other anti-infectives")
(SETF (GETHASH '"E931.0" ICD9-HASH-TABLE) "Sulfonamides")
(SETF (GETHASH '"E931.1" ICD9-HASH-TABLE) "Arsenical anti-infectives")
(SETF (GETHASH '"E931.2" ICD9-HASH-TABLE) "Heavy metal anti-infectives")
(SETF (GETHASH '"E931.3" ICD9-HASH-TABLE)
      "Quinoline and hydroxyquinoline derivatives")
(SETF (GETHASH '"E931.4" ICD9-HASH-TABLE)
      "Antimalarials and drugs acting on other blood protozoa")
(SETF (GETHASH '"E931.5" ICD9-HASH-TABLE) "Other antiprotozoal drugs")
(SETF (GETHASH '"E931.6" ICD9-HASH-TABLE) "Anthelmintics")
(SETF (GETHASH '"E931.7" ICD9-HASH-TABLE) "Antiviral drugs")
(SETF (GETHASH '"E931.8" ICD9-HASH-TABLE)
      "Other antimycobacterial drugs")
(SETF (GETHASH '"E931.9" ICD9-HASH-TABLE)
      "Other and unspecified anti-infectives")
(SETF (GETHASH '"E932" ICD9-HASH-TABLE)
      "Hormones and synthetic substitutes")
(SETF (GETHASH '"E932.0" ICD9-HASH-TABLE) "Adrenal cortical steroids")
(SETF (GETHASH '"E932.1" ICD9-HASH-TABLE)
      "Androgens and anabolic congeners")
(SETF (GETHASH '"E932.2" ICD9-HASH-TABLE)
      "Ovarian hormones and synthetic substitutes")
(SETF (GETHASH '"E932.3" ICD9-HASH-TABLE)
      "Insulins and antidiabetic agents")
(SETF (GETHASH '"E932.4" ICD9-HASH-TABLE) "Anterior pituitary hormones")
(SETF (GETHASH '"E932.5" ICD9-HASH-TABLE) "Posterior pituitary hormones")
(SETF (GETHASH '"E932.6" ICD9-HASH-TABLE)
      "Parathyroid and parathyroid derivatives")
(SETF (GETHASH '"E932.7" ICD9-HASH-TABLE)
      "Thyroid and thyroid derivatives")
(SETF (GETHASH '"E932.8" ICD9-HASH-TABLE) "Antithyroid agents")
(SETF (GETHASH '"E932.9" ICD9-HASH-TABLE)
      "Other and unspecified hormones and synthetic substitutes")
(SETF (GETHASH '"E933" ICD9-HASH-TABLE) "Primarily systemic agents")
(SETF (GETHASH '"E933.0" ICD9-HASH-TABLE)
      "Antiallergic and antiemetic drugs")
(SETF (GETHASH '"E933.1" ICD9-HASH-TABLE)
      "Antineoplastic and immunosuppressive drugs")
(SETF (GETHASH '"E933.2" ICD9-HASH-TABLE) "Acidifying agents")
(SETF (GETHASH '"E933.3" ICD9-HASH-TABLE) "Alkalizing agents")
(SETF (GETHASH '"E933.4" ICD9-HASH-TABLE)
      "Enzymes, not elsewhere classified")
(SETF (GETHASH '"E933.5" ICD9-HASH-TABLE)
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      "Vitamins, not elsewhere classified")
(SETF (GETHASH '"E933.8" ICD9-HASH-TABLE)
      "Other systemic agents, not elsewhere classified")
(SETF (GETHASH '"E933.9" ICD9-HASH-TABLE) "Unspecified systemic agent")
(SETF (GETHASH '"E934" ICD9-HASH-TABLE)
      "Agents primarily affecting blood constituents")
(SETF (GETHASH '"E934.0" ICD9-HASH-TABLE) "Iron and its compounds")
(SETF (GETHASH '"E934.1" ICD9-HASH-TABLE)
      "Liver preparations and other antianemic agents")
(SETF (GETHASH '"E934.2" ICD9-HASH-TABLE) "Anticoagulants")
(SETF (GETHASH '"E934.3" ICD9-HASH-TABLE) "Vitamin K [phytonadione]")
(SETF (GETHASH '"E934.4" ICD9-HASH-TABLE) "Fibrinolysis-affecting drugs")
(SETF (GETHASH '"E934.5" ICD9-HASH-TABLE)
      "Anticoagulant antagonists and other coagulants")
(SETF (GETHASH '"E934.6" ICD9-HASH-TABLE) "Gamma globulin")
(SETF (GETHASH '"E934.7" ICD9-HASH-TABLE)
      "Natural blood and blood products")
(SETF (GETHASH '"E934.8" ICD9-HASH-TABLE)
      "Other agents affecting blood constituents")
(SETF (GETHASH '"E934.9" ICD9-HASH-TABLE)
      "Unspecified agent affecting blood constituents")
(SETF (GETHASH '"E935" ICD9-HASH-TABLE)
      "Analgesics, antipyretics, and antirheumatics")
(SETF (GETHASH '"E935.0" ICD9-HASH-TABLE) "Heroin")
(SETF (GETHASH '"E935.1" ICD9-HASH-TABLE) "Methadone")
(SETF (GETHASH '"E935.2" ICD9-HASH-TABLE)
      "Other opiates and related narcotics")
(SETF (GETHASH '"E935.3" ICD9-HASH-TABLE) "Salicylates")
(SETF (GETHASH '"E935.4" ICD9-HASH-TABLE)
      "Aromatic analgesics, not elsewhere classified")
(SETF (GETHASH '"E935.5" ICD9-HASH-TABLE) "Pyrazole derivatives")
(SETF (GETHASH '"E935.6" ICD9-HASH-TABLE)
      "Antirheumatics [antiphlogistics]")
(SETF (GETHASH '"E935.7" ICD9-HASH-TABLE)
      "Other non-narcotic analgesics")
(SETF (GETHASH '"E935.8" ICD9-HASH-TABLE)
      "Other specified analgesics and antipyretics")
(SETF (GETHASH '"E935.9" ICD9-HASH-TABLE)
      "Unspecified analgesic and antipyretic")
(SETF (GETHASH '"E936" ICD9-HASH-TABLE)
      "Anticonvulsants and anti-Parkinsonism drugs")
(SETF (GETHASH '"E936.0" ICD9-HASH-TABLE) "Oxazolidine derivatives")
(SETF (GETHASH '"E936.1" ICD9-HASH-TABLE) "Hydantoin derivatives")
(SETF (GETHASH '"E936.2" ICD9-HASH-TABLE) "Succinimides")
(SETF (GETHASH '"E936.3" ICD9-HASH-TABLE)
      "Other and unspecified anticonvulsants")
(SETF (GETHASH '"E936.4" ICD9-HASH-TABLE) "Anti-Parkinsonism drugs")
(SETF (GETHASH '"E937" ICD9-HASH-TABLE) "Sedatives and hypnotics")
(SETF (GETHASH '"E937.0" ICD9-HASH-TABLE) "Barbiturates")
(SETF (GETHASH '"E937.1" ICD9-HASH-TABLE) "Chloral hydrate group")
(SETF (GETHASH '"E937.2" ICD9-HASH-TABLE) "Paraldehyde")
(SETF (GETHASH '"E937.3" ICD9-HASH-TABLE) "Bromine compounds")
(SETF (GETHASH '"E937.4" ICD9-HASH-TABLE) "Methaqualone compounds")
(SETF (GETHASH '"E937.5" ICD9-HASH-TABLE) "Glutethimide group")
(SETF (GETHASH '"E937.6" ICD9-HASH-TABLE)
      "Mixed sedatives, not elsewhere classified")
(SETF (GETHASH '"E937.8" ICD9-HASH-TABLE)
      "Other sedatives and hypnotics")
(SETF (GETHASH '"E937.9" ICD9-HASH-TABLE) "Unspecified")
(SETF (GETHASH '"E938" ICD9-HASH-TABLE)
      "Other central nervous system depressants and anesthetics")
(SETF (GETHASH '"E938.0" ICD9-HASH-TABLE)
      "Central nervous system muscle-tone depressants")
(SETF (GETHASH '"E938.1" ICD9-HASH-TABLE) "Halothane")
(SETF (GETHASH '"E938.2" ICD9-HASH-TABLE) "Other gaseous anesthetics")
(SETF (GETHASH '"E938.3" ICD9-HASH-TABLE) "Intravenous anesthetics")
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(SETF (GETHASH '"E938.4" ICD9-HASH-TABLE)
      "Other and unspecified general anesthetics")
(SETF (GETHASH '"E938.5" ICD9-HASH-TABLE)
      "Surface and infiltration anesthetics")
(SETF (GETHASH '"E938.6" ICD9-HASH-TABLE)
      "Peripheral nerve- and plexus-blocking anesthetics")
(SETF (GETHASH '"E938.7" ICD9-HASH-TABLE) "Spinal anesthetics")
(SETF (GETHASH '"E938.9" ICD9-HASH-TABLE)
      "Other and unspecified local anesthetics")
(SETF (GETHASH '"E939" ICD9-HASH-TABLE) "Psychotropic agents")
(SETF (GETHASH '"E939.0" ICD9-HASH-TABLE) "Antidepressants")
(SETF (GETHASH '"E939.1" ICD9-HASH-TABLE)
      "Phenothiazine-based tranquilizers")
(SETF (GETHASH '"E939.2" ICD9-HASH-TABLE)
      "Butyrophenone-based tranquilizers")
(SETF (GETHASH '"E939.3" ICD9-HASH-TABLE)
      "Other antipsychotics, neuroleptics, and major tranquilizers")
(SETF (GETHASH '"E939.4" ICD9-HASH-TABLE)
      "Benzodiazepine-based tranquilizers")
(SETF (GETHASH '"E939.5" ICD9-HASH-TABLE) "Other tranquilizers")
(SETF (GETHASH '"E939.6" ICD9-HASH-TABLE)
      "Psychodysleptics [hallucinogens]")
(SETF (GETHASH '"E939.7" ICD9-HASH-TABLE) "Psychostimulants")
(SETF (GETHASH '"E939.8" ICD9-HASH-TABLE) "Other psychotropic agents")
(SETF (GETHASH '"E939.9" ICD9-HASH-TABLE)
      "Unspecified psychotropic agent")
(SETF (GETHASH '"E940" ICD9-HASH-TABLE)
      "Central nervous system stimulants")
(SETF (GETHASH '"E940.0" ICD9-HASH-TABLE) "Analeptics")
(SETF (GETHASH '"E940.1" ICD9-HASH-TABLE) "Opiate antagonists")
(SETF (GETHASH '"E940.8" ICD9-HASH-TABLE)
      "Other specified central nervous system stimulants")
(SETF (GETHASH '"E940.9" ICD9-HASH-TABLE)
      "Unspecified central nervous system stimulant")
(SETF (GETHASH '"E941" ICD9-HASH-TABLE)
      "Drugs primarily affecting the autonomic nervous system")
(SETF (GETHASH '"E941.0" ICD9-HASH-TABLE)
      "Parasympathomimetics [cholinergics]")
(SETF (GETHASH '"E941.1" ICD9-HASH-TABLE)
      "Parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics")
(SETF (GETHASH '"E941.2" ICD9-HASH-TABLE)
      "Sympathomimetics [adrenergics]")
(SETF (GETHASH '"E941.3" ICD9-HASH-TABLE)
      "Sympatholytics [antiadrenergics]")
(SETF (GETHASH '"E941.9" ICD9-HASH-TABLE)
      "Unspecified drug primarily affecting the autonomic nervous system")
(SETF (GETHASH '"E942" ICD9-HASH-TABLE)
      "Agents primarily affecting the cardiovascular system")
(SETF (GETHASH '"E942.0" ICD9-HASH-TABLE) "Cardiac rhythm regulators")
(SETF (GETHASH '"E942.1" ICD9-HASH-TABLE)
      "Cardiotonic glycosides and drugs of similar action")
(SETF (GETHASH '"E942.2" ICD9-HASH-TABLE)
      "Antilipemic and antiarteriosclerotic drugs")
(SETF (GETHASH '"E942.3" ICD9-HASH-TABLE) "Ganglion-blocking agents")
(SETF (GETHASH '"E942.4" ICD9-HASH-TABLE) "Coronary vasodilators")
(SETF (GETHASH '"E942.5" ICD9-HASH-TABLE) "Other vasodilators")
(SETF (GETHASH '"E942.6" ICD9-HASH-TABLE)
      "Other antihypertensive agents")
(SETF (GETHASH '"E942.7" ICD9-HASH-TABLE)
      "Antivaricose drugs, including sclerosing agents")
(SETF (GETHASH '"E942.8" ICD9-HASH-TABLE) "Capillary-active drugs")
(SETF (GETHASH '"E942.9" ICD9-HASH-TABLE)
      "Other and unspecified agents primarily affecting the cardiovascular system")
(SETF (GETHASH '"E943" ICD9-HASH-TABLE)
      "Agents primarily affecting gastrointestinal system")
(SETF (GETHASH '"E943.0" ICD9-HASH-TABLE)
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      "Antacids and antigastric secretion drugs")
(SETF (GETHASH '"E943.1" ICD9-HASH-TABLE) "Irritant cathartics")
(SETF (GETHASH '"E943.2" ICD9-HASH-TABLE) "Emollient cathartics")
(SETF (GETHASH '"E943.3" ICD9-HASH-TABLE)
      "Other cathartics, including intestinal atonia drugs")
(SETF (GETHASH '"E943.4" ICD9-HASH-TABLE) "Digestants")
(SETF (GETHASH '"E943.5" ICD9-HASH-TABLE) "Antidiarrheal drugs")
(SETF (GETHASH '"E943.6" ICD9-HASH-TABLE) "Emetics")
(SETF (GETHASH '"E943.8" ICD9-HASH-TABLE)
      "Other specified agents primarily affecting the gastrointestinal system")
(SETF (GETHASH '"E943.9" ICD9-HASH-TABLE)
      "Unspecified agent primarily affecting the gastrointestinal system")
(SETF (GETHASH '"E944" ICD9-HASH-TABLE)
      "Water, mineral, and uric acid metabolism drugs")
(SETF (GETHASH '"E944.0" ICD9-HASH-TABLE) "Mercurial diuretics")
(SETF (GETHASH '"E944.1" ICD9-HASH-TABLE) "Purine derivative diuretics")
(SETF (GETHASH '"E944.2" ICD9-HASH-TABLE)
      "Carbonic acid anhydrase inhibitors")
(SETF (GETHASH '"E944.3" ICD9-HASH-TABLE) "Saluretics")
(SETF (GETHASH '"E944.4" ICD9-HASH-TABLE) "Other diuretics")
(SETF (GETHASH '"E944.5" ICD9-HASH-TABLE)
      "Electrolytic, caloric, and water-balance agents")
(SETF (GETHASH '"E944.6" ICD9-HASH-TABLE)
      "Other mineral salts, not elsewhere classified")
(SETF (GETHASH '"E944.7" ICD9-HASH-TABLE) "Uric acid metabolism drugs")
(SETF (GETHASH '"E945" ICD9-HASH-TABLE)
      "Agents primarily acting on the smooth and skeletal muscles and respiratory system")
(SETF (GETHASH '"E945.0" ICD9-HASH-TABLE) "Oxytocic agents")
(SETF (GETHASH '"E945.1" ICD9-HASH-TABLE) "Smooth muscle relaxants")
(SETF (GETHASH '"E945.2" ICD9-HASH-TABLE) "Skeletal muscle relaxants")
(SETF (GETHASH '"E945.3" ICD9-HASH-TABLE)
      "Other and unspecified drugs acting on muscles")
(SETF (GETHASH '"E945.4" ICD9-HASH-TABLE) "Antitussives")
(SETF (GETHASH '"E945.5" ICD9-HASH-TABLE) "Expectorants")
(SETF (GETHASH '"E945.6" ICD9-HASH-TABLE) "Anti-common cold drugs")
(SETF (GETHASH '"E945.7" ICD9-HASH-TABLE) "Antiasthmatics")
(SETF (GETHASH '"E945.8" ICD9-HASH-TABLE)
      "Other and unspecified respiratory drugs")
(SETF (GETHASH '"E946" ICD9-HASH-TABLE)
      "Agents primarily affecting skin and mucous membrane, ophthalmological, otorhinolaryngological, and dental drugs")
(SETF (GETHASH '"E946.0" ICD9-HASH-TABLE)
      "Local anti-infectives and anti-inflammatory drugs")
(SETF (GETHASH '"E946.1" ICD9-HASH-TABLE) "Antipruritics")
(SETF (GETHASH '"E946.2" ICD9-HASH-TABLE)
      "Local astringents and local detergents")
(SETF (GETHASH '"E946.3" ICD9-HASH-TABLE)
      "Emollients, demulcents, and protectants")
(SETF (GETHASH '"E946.4" ICD9-HASH-TABLE)
      "Keratolytics, keratoplastics, other hair treatment drugs and preparations")
(SETF (GETHASH '"E946.5" ICD9-HASH-TABLE)
      "Eye anti-infectives and other eye drugs")
(SETF (GETHASH '"E946.6" ICD9-HASH-TABLE)
      "Anti-infectives and other drugs and preparations for ear, nose, and throat")
(SETF (GETHASH '"E946.7" ICD9-HASH-TABLE)
      "Dental drugs topically applied")
(SETF (GETHASH '"E946.8" ICD9-HASH-TABLE)
      "Other agents primarily affecting skin and mucous membrane")
(SETF (GETHASH '"E946.9" ICD9-HASH-TABLE)
      "Unspecified agent primarily affecting skin and mucous membrane")
(SETF (GETHASH '"E947" ICD9-HASH-TABLE)
      "Other and unspecified drugs and medicinal substances")
(SETF (GETHASH '"E947.0" ICD9-HASH-TABLE) "Dietetics")
(SETF (GETHASH '"E947.1" ICD9-HASH-TABLE) "Lipotropic drugs")
(SETF (GETHASH '"E947.2" ICD9-HASH-TABLE)
      "Antidotes and chelating agents, not elsewhere classified")
(SETF (GETHASH '"E947.3" ICD9-HASH-TABLE) "Alcohol deterrents")
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(SETF (GETHASH '"E947.4" ICD9-HASH-TABLE) "Pharmaceutical excipients")
(SETF (GETHASH '"E947.8" ICD9-HASH-TABLE)
      "Other drugs and medicinal substances")
(SETF (GETHASH '"E947.9" ICD9-HASH-TABLE)
      "Unspecified drug or medicinal substance")
(SETF (GETHASH '"E948" ICD9-HASH-TABLE) "Bacterial vaccines")
(SETF (GETHASH '"E948.0" ICD9-HASH-TABLE) "BCG vaccine")
(SETF (GETHASH '"E948.1" ICD9-HASH-TABLE) "Typhoid and paratyphoid")
(SETF (GETHASH '"E948.2" ICD9-HASH-TABLE) "Cholera")
(SETF (GETHASH '"E948.3" ICD9-HASH-TABLE) "Plague")
(SETF (GETHASH '"E948.4" ICD9-HASH-TABLE) "Tetanus")
(SETF (GETHASH '"E948.5" ICD9-HASH-TABLE) "Diphtheria")
(SETF (GETHASH '"E948.6" ICD9-HASH-TABLE)
      "Pertussis vaccine, including combinations with a pertussis component")
(SETF (GETHASH '"E948.8" ICD9-HASH-TABLE)
      "Other and unspecified bacterial vaccines")
(SETF (GETHASH '"E948.9" ICD9-HASH-TABLE)
      "Mixed bacterial vaccines, except combinations with a pertussis component")
(SETF (GETHASH '"E949" ICD9-HASH-TABLE)
      "Other vaccines and biological substances")
(SETF (GETHASH '"E949.0" ICD9-HASH-TABLE) "Smallpox vaccine")
(SETF (GETHASH '"E949.1" ICD9-HASH-TABLE) "Rabies vaccine")
(SETF (GETHASH '"E949.2" ICD9-HASH-TABLE) "Typhus vaccine")
(SETF (GETHASH '"E949.3" ICD9-HASH-TABLE) "Yellow fever vaccine")
(SETF (GETHASH '"E949.4" ICD9-HASH-TABLE) "Measles vaccine")
(SETF (GETHASH '"E949.5" ICD9-HASH-TABLE) "Poliomyelitis vaccine")
(SETF (GETHASH '"E949.6" ICD9-HASH-TABLE)
      "Other and unspecified viral and rickettsial vaccines")
(SETF (GETHASH '"E949.7" ICD9-HASH-TABLE)
      "Mixed viral-rickettsial and bacterial vaccines, except combinations with a pertussis component")
(SETF (GETHASH '"E949.9" ICD9-HASH-TABLE)
      "Other and unspecified vaccines and biological substances")
(SETF (GETHASH '"E950" ICD9-HASH-TABLE)
      "Suicide and self-inflicted poisoning by solid or liquid substances")
(SETF (GETHASH '"E950.0" ICD9-HASH-TABLE)
      "Analgesics, antipyretics, and antirheumatics")
(SETF (GETHASH '"E950.1" ICD9-HASH-TABLE) "Barbiturates")
(SETF (GETHASH '"E950.2" ICD9-HASH-TABLE)
      "Other sedatives and hypnotics")
(SETF (GETHASH '"E950.3" ICD9-HASH-TABLE)
      "Tranquilizers and other psychotropic agents")
(SETF (GETHASH '"E950.4" ICD9-HASH-TABLE)
      "Other specified drugs and medicinal substances")
(SETF (GETHASH '"E950.5" ICD9-HASH-TABLE)
      "Unspecified drug or medicinal substance")
(SETF (GETHASH '"E950.6" ICD9-HASH-TABLE)
      "Agricultural and horticultural chemical and pharmaceutical preparations other than plant foods and fertilizers")
(SETF (GETHASH '"E950.7" ICD9-HASH-TABLE)
      "Corrosive and caustic substances")
(SETF (GETHASH '"E950.8" ICD9-HASH-TABLE) "Arsenic and its compounds")
(SETF (GETHASH '"E950.9" ICD9-HASH-TABLE)
      "Other and unspecified solid and liquid substances")
(SETF (GETHASH '"E951" ICD9-HASH-TABLE)
      "Suicide and self-inflicted poisoning by gases in domestic use")
(SETF (GETHASH '"E951.0" ICD9-HASH-TABLE) "Gas distributed by pipeline")
(SETF (GETHASH '"E951.1" ICD9-HASH-TABLE)
      "Liquefied petroleum gas distributed in mobile containers")
(SETF (GETHASH '"E951.8" ICD9-HASH-TABLE) "Other utility gas")
(SETF (GETHASH '"E952" ICD9-HASH-TABLE)
      "Suicide and self-inflicted poisoning by other gases and vapors")
(SETF (GETHASH '"E952.0" ICD9-HASH-TABLE) "Motor vehicle exhaust gas")
(SETF (GETHASH '"E952.1" ICD9-HASH-TABLE) "Other carbon monoxide")
(SETF (GETHASH '"E952.8" ICD9-HASH-TABLE)
      "Other specified gases and vapors")
(SETF (GETHASH '"E952.9" ICD9-HASH-TABLE) "Unspecified gases and vapors")
(SETF (GETHASH '"E953" ICD9-HASH-TABLE)
```

```
      "Suicide and self-inflicted injury by hanging, strangulation, and suffocation")
(SETF (GETHASH '"E953.0" ICD9-HASH-TABLE) "Hanging")
(SETF (GETHASH '"E953.1" ICD9-HASH-TABLE) "Suffocation by plastic bag")
(SETF (GETHASH '"E953.8" ICD9-HASH-TABLE) "Other specified means")
(SETF (GETHASH '"E953.9" ICD9-HASH-TABLE) "Unspecified means")
(SETF (GETHASH '"E954" ICD9-HASH-TABLE)
      "Suicide and self-inflicted injury by submersion [drowning]")
(SETF (GETHASH '"E955" ICD9-HASH-TABLE)
      "Suicide and self-inflicted injury by firearms and explosives")
(SETF (GETHASH '"E955.0" ICD9-HASH-TABLE) "Handgun")
(SETF (GETHASH '"E955.1" ICD9-HASH-TABLE) "Shotgun")
(SETF (GETHASH '"E955.2" ICD9-HASH-TABLE) "Hunting rifle")
(SETF (GETHASH '"E955.3" ICD9-HASH-TABLE) "Military firearms")
(SETF (GETHASH '"E955.4" ICD9-HASH-TABLE)
      "Other and unspecified firearm")
(SETF (GETHASH '"E955.5" ICD9-HASH-TABLE) "Explosives")
(SETF (GETHASH '"E955.6" ICD9-HASH-TABLE) "Air gun")
(SETF (GETHASH '"E955.9" ICD9-HASH-TABLE) "Unspecified")
(SETF (GETHASH '"E956" ICD9-HASH-TABLE)
      "Suicide and self-inflicted injury by cutting and piercing instrument")
(SETF (GETHASH '"E957" ICD9-HASH-TABLE)
      "Suicide and self-inflicted injuries by jumping from high place")
(SETF (GETHASH '"E957.0" ICD9-HASH-TABLE) "Residential premises")
(SETF (GETHASH '"E957.1" ICD9-HASH-TABLE) "Other man-made structures")
(SETF (GETHASH '"E957.2" ICD9-HASH-TABLE) "Natural sites")
(SETF (GETHASH '"E957.9" ICD9-HASH-TABLE) "Unspecified")
(SETF (GETHASH '"E958" ICD9-HASH-TABLE)
      "Suicide and self-inflicted injury by other and unspecified means")
(SETF (GETHASH '"E958.0" ICD9-HASH-TABLE)
      "Jumping or lying before moving object")
(SETF (GETHASH '"E958.1" ICD9-HASH-TABLE) "Burns, fire")
(SETF (GETHASH '"E958.2" ICD9-HASH-TABLE) "Scald")
(SETF (GETHASH '"E958.3" ICD9-HASH-TABLE) "Extremes of cold")
(SETF (GETHASH '"E958.4" ICD9-HASH-TABLE) "Electrocution")
(SETF (GETHASH '"E958.5" ICD9-HASH-TABLE) "Crashing of motor vehicle")
(SETF (GETHASH '"E958.6" ICD9-HASH-TABLE) "Crashing of aircraft")
(SETF (GETHASH '"E958.7" ICD9-HASH-TABLE)
      "Caustic substances, except poisoning")
(SETF (GETHASH '"E958.8" ICD9-HASH-TABLE) "Other specified means")
(SETF (GETHASH '"E958.9" ICD9-HASH-TABLE) "Unspecified means")
(SETF (GETHASH '"E959" ICD9-HASH-TABLE)
      "Late effects of self-inflicted injury")
(SETF (GETHASH '"E960" ICD9-HASH-TABLE) "Fight, brawl, rape")
(SETF (GETHASH '"E960.0" ICD9-HASH-TABLE) "Unarmed fight or brawl")
(SETF (GETHASH '"E960.1" ICD9-HASH-TABLE) "Rape")
(SETF (GETHASH '"E961" ICD9-HASH-TABLE)
      "Assault by corrosive or caustic substance, except poisoning")
(SETF (GETHASH '"E962" ICD9-HASH-TABLE) "Assault by poisoning")
(SETF (GETHASH '"E962.0" ICD9-HASH-TABLE)
      "Drugs and medicinal substances")
(SETF (GETHASH '"E962.1" ICD9-HASH-TABLE)
      "Other solid and liquid substances")
(SETF (GETHASH '"E962.2" ICD9-HASH-TABLE) "Other gases and vapors")
(SETF (GETHASH '"E962.9" ICD9-HASH-TABLE) "Unspecified poisoning")
(SETF (GETHASH '"E963" ICD9-HASH-TABLE)
      "Assault by hanging and strangulation")
(SETF (GETHASH '"E964" ICD9-HASH-TABLE)
      "Assault by submersion [drowning]")
(SETF (GETHASH '"E965" ICD9-HASH-TABLE)
      "Assault by firearms and explosives")
(SETF (GETHASH '"E965.0" ICD9-HASH-TABLE) "Handgun")
(SETF (GETHASH '"E965.1" ICD9-HASH-TABLE) "Shotgun")
(SETF (GETHASH '"E965.2" ICD9-HASH-TABLE) "Hunting rifle")
(SETF (GETHASH '"E965.3" ICD9-HASH-TABLE) "Military firearms")
(SETF (GETHASH '"E965.4" ICD9-HASH-TABLE)
      "Other and unspecified firearm")
```

```
(SETF (GETHASH '"E965.5" ICD9-HASH-TABLE) "Antipersonnel bomb")
(SETF (GETHASH '"E965.6" ICD9-HASH-TABLE) "Gasoline bomb")
(SETF (GETHASH '"E965.7" ICD9-HASH-TABLE) "Letter bomb")
(SETF (GETHASH '"E965.8" ICD9-HASH-TABLE) "Other specified explosive")
(SETF (GETHASH '"E965.9" ICD9-HASH-TABLE) "Unspecified explosive")
(SETF (GETHASH '"E966" ICD9-HASH-TABLE)
      "Assault by cutting and piercing instrument")
(SETF (GETHASH '"E967" ICD9-HASH-TABLE)
      "Child and adult battering and other maltreatment")
(SETF (GETHASH '"E967.0" ICD9-HASH-TABLE) "By father or stepfather")
(SETF (GETHASH '"E967.1" ICD9-HASH-TABLE) "By other specified person")
(SETF (GETHASH '"E967.2" ICD9-HASH-TABLE) "By mother or stepmother")
(SETF (GETHASH '"E967.3" ICD9-HASH-TABLE) "By spouse or partner")
(SETF (GETHASH '"E967.4" ICD9-HASH-TABLE) "By child")
(SETF (GETHASH '"E967.5" ICD9-HASH-TABLE) "By sibling")
(SETF (GETHASH '"E967.6" ICD9-HASH-TABLE) "By grandparent")
(SETF (GETHASH '"E967.7" ICD9-HASH-TABLE) "By other relative")
(SETF (GETHASH '"E967.8" ICD9-HASH-TABLE) "By non-related caregiver")
(SETF (GETHASH '"E967.9" ICD9-HASH-TABLE) "By unspecified person")
(SETF (GETHASH '"E968" ICD9-HASH-TABLE)
      "Assault by other and unspecified means")
(SETF (GETHASH '"E968.0" ICD9-HASH-TABLE) "Fire")
(SETF (GETHASH '"E968.1" ICD9-HASH-TABLE) "Pushing from a high place")
(SETF (GETHASH '"E968.2" ICD9-HASH-TABLE)
      "Striking by blunt or thrown object")
(SETF (GETHASH '"E968.3" ICD9-HASH-TABLE) "Hot liquid")
(SETF (GETHASH '"E968.4" ICD9-HASH-TABLE) "Criminal neglect")
(SETF (GETHASH '"E968.5 " ICD9-HASH-TABLE) "Transport vehicle")
(SETF (GETHASH '"E968.6" ICD9-HASH-TABLE) "Air gun")
(SETF (GETHASH '"E968.8" ICD9-HASH-TABLE) "Other specified means")
(SETF (GETHASH '"E968.9" ICD9-HASH-TABLE) "Unspecified means")
(SETF (GETHASH '"E969" ICD9-HASH-TABLE)
      "Late effects of injury purposely inflicted by other person")
(SETF (GETHASH '"E970" ICD9-HASH-TABLE)
      "Injury due to legal intervention by firearms")
(SETF (GETHASH '"E971" ICD9-HASH-TABLE)
      "Injury due to legal intervention by explosives")
(SETF (GETHASH '"E972" ICD9-HASH-TABLE)
      "Injury due to legal intervention by gas")
(SETF (GETHASH '"E973" ICD9-HASH-TABLE)
      "Injury due to legal intervention by blunt object")
(SETF (GETHASH '"E974" ICD9-HASH-TABLE)
      "Injury due to legal intervention by cutting and piercing instrument")
(SETF (GETHASH '"E975" ICD9-HASH-TABLE)
      "Injury due to legal intervention by other specified means")
(SETF (GETHASH '"E976" ICD9-HASH-TABLE)
      "Injury due to legal intervention by unspecified means")
(SETF (GETHASH '"E977" ICD9-HASH-TABLE)
      "Late effects of injuries due to legal intervention")
(SETF (GETHASH '"E978" ICD9-HASH-TABLE) "Legal execution")
(SETF (GETHASH '"E980" ICD9-HASH-TABLE)
      "Poisoning by solid or liquid substances, undetermined whether accidentally or purposely inflicted")
(SETF (GETHASH '"E980.0" ICD9-HASH-TABLE)
      "Analgesics, antipyretics, and antirheumatics")
(SETF (GETHASH '"E980.1" ICD9-HASH-TABLE) "Barbiturates")
(SETF (GETHASH '"E980.2" ICD9-HASH-TABLE)
      "Other sedatives and hypnotics")
(SETF (GETHASH '"E980.3" ICD9-HASH-TABLE)
      "Tranquilizers and other psychotropic agents")
(SETF (GETHASH '"E980.4" ICD9-HASH-TABLE)
      "Other specified drugs and medicinal substances")
(SETF (GETHASH '"E980.5" ICD9-HASH-TABLE)
      "Unspecified drug or medicinal substance")
(SETF (GETHASH '"E980.6" ICD9-HASH-TABLE)
      "Corrosive and caustic substances")
(SETF (GETHASH '"E980.7" ICD9-HASH-TABLE)
```

```
      "Agricultural and horticultural chemical and pharmaceutical preparations other than plant foods and fertilizers")
(SETF (GETHASH '"E980.8" ICD9-HASH-TABLE) "Arsenic and its compounds")
(SETF (GETHASH '"E980.9" ICD9-HASH-TABLE)
      "Other and unspecified solid and liquid substances")
(SETF (GETHASH '"E981" ICD9-HASH-TABLE)
      "Poisoning by gases in domestic use, undetermined whether accidentally or purposely inflicted")
(SETF (GETHASH '"E981.0" ICD9-HASH-TABLE) "Gas distributed by pipeline")
(SETF (GETHASH '"E981.1" ICD9-HASH-TABLE)
      "Liquefied petroleum gas distributed in mobile containers")
(SETF (GETHASH '"E981.8" ICD9-HASH-TABLE) "Other utility gas")
(SETF (GETHASH '"E982" ICD9-HASH-TABLE)
      "Poisoning by other gases, undetermined whether accidentally or purposely inflicted")
(SETF (GETHASH '"E982.0" ICD9-HASH-TABLE) "Motor vehicle exhaust gas")
(SETF (GETHASH '"E982.1" ICD9-HASH-TABLE) "Other carbon monoxide")
(SETF (GETHASH '"E982.8" ICD9-HASH-TABLE)
      "Other specified gases and vapors")
(SETF (GETHASH '"E982.9" ICD9-HASH-TABLE) "Unspecified gases and vapors")
(SETF (GETHASH '"E983" ICD9-HASH-TABLE)
      "Hanging, strangulation, or suffocation, undetermined whether accidentally or purposely inflicted")
(SETF (GETHASH '"E983.0" ICD9-HASH-TABLE) "Hanging")
(SETF (GETHASH '"E983.1" ICD9-HASH-TABLE) "Suffocation by plastic bag")
(SETF (GETHASH '"E983.8" ICD9-HASH-TABLE) "Other specified means")
(SETF (GETHASH '"E983.9" ICD9-HASH-TABLE) "Unspecified means")
(SETF (GETHASH '"E984" ICD9-HASH-TABLE)
      "Submersion [drowning], undetermined whether accidentally or purposely inflicted")
(SETF (GETHASH '"E985" ICD9-HASH-TABLE)
      "Injury by firearms and explosives, undetermined whether accidentally or purposely inflicted")
(SETF (GETHASH '"E985.0" ICD9-HASH-TABLE) "Handgun")
(SETF (GETHASH '"E985.1" ICD9-HASH-TABLE) "Shotgun")
(SETF (GETHASH '"E985.2" ICD9-HASH-TABLE) "Hunting rifle")
(SETF (GETHASH '"E985.3" ICD9-HASH-TABLE) "Military firearms")
(SETF (GETHASH '"E985.4" ICD9-HASH-TABLE)
      "Other and unspecified firearm")
(SETF (GETHASH '"E985.5" ICD9-HASH-TABLE) "Explosives")
(SETF (GETHASH '"E985.6" ICD9-HASH-TABLE) "Air gun")
(SETF (GETHASH '"E986" ICD9-HASH-TABLE)
      "Injury by cutting and piercing instruments, undetermined whether accidentally or purposely inflicted")
(SETF (GETHASH '"E987" ICD9-HASH-TABLE)
      "Falling from high place, undetermined whether accidentally or purposely inflicted")
(SETF (GETHASH '"E987.0" ICD9-HASH-TABLE) "Residential premises")
(SETF (GETHASH '"E987.1" ICD9-HASH-TABLE) "Other man-made structures")
(SETF (GETHASH '"E987.2" ICD9-HASH-TABLE) "Natural sites")
(SETF (GETHASH '"E987.9" ICD9-HASH-TABLE) "Unspecified site")
(SETF (GETHASH '"E988" ICD9-HASH-TABLE)
      "Injury by other and unspecified means, undetermined whether accidentally or purposely inflicted")
(SETF (GETHASH '"E988.0" ICD9-HASH-TABLE)
      "Jumping or lying before moving object")
(SETF (GETHASH '"E988.1" ICD9-HASH-TABLE) "Burns, fire")
(SETF (GETHASH '"E988.2" ICD9-HASH-TABLE) "Scald")
(SETF (GETHASH '"E988.3" ICD9-HASH-TABLE) "Extremes of cold")
(SETF (GETHASH '"E988.4" ICD9-HASH-TABLE) "Electrocution")
(SETF (GETHASH '"E988.5" ICD9-HASH-TABLE) "Crashing of motor vehicle")
(SETF (GETHASH '"E988.6" ICD9-HASH-TABLE) "Crashing of aircraft")
(SETF (GETHASH '"E988.7" ICD9-HASH-TABLE)
      "Caustic substances, except poisoning")
(SETF (GETHASH '"E988.8" ICD9-HASH-TABLE) "Other specified means")
(SETF (GETHASH '"E988.9" ICD9-HASH-TABLE) "Unspecified means")
(SETF (GETHASH '"E989" ICD9-HASH-TABLE)
      "Late effects of injury, undetermined whether accidentally or purposely inflicted")
(SETF (GETHASH '"E990" ICD9-HASH-TABLE)
      "Injury due to war operations by fires and conflagrations")
(SETF (GETHASH '"E990.0" ICD9-HASH-TABLE) "From gasoline bomb")
(SETF (GETHASH '"E990.9" ICD9-HASH-TABLE)
      "From other and unspecified source")
(SETF (GETHASH '"E991" ICD9-HASH-TABLE)
      "Injury due to war operations by bullets and fragments")
```

```
(SETF (GETHASH '"E991.0" ICD9-HASH-TABLE) "Rubber bullets (rifle)")
(SETF (GETHASH '"E991.1" ICD9-HASH-TABLE) "Pellets (rifle)")
(SETF (GETHASH '"E991.2" ICD9-HASH-TABLE) "Other bullets")
(SETF (GETHASH '"E991.3" ICD9-HASH-TABLE)
      "Antipersonnel bomb (fragments)")
(SETF (GETHASH '"E991.9" ICD9-HASH-TABLE)
      "Other and unspecified fragments")
(SETF (GETHASH '"E992" ICD9-HASH-TABLE)
      "Injury due to war operations by explosion of marine weapons")
(SETF (GETHASH '"E993" ICD9-HASH-TABLE)
      "Injury due to war operations by other explosion")
(SETF (GETHASH '"E994" ICD9-HASH-TABLE)
      "Injury due to war operations by destruction of aircraft")
(SETF (GETHASH '"E995" ICD9-HASH-TABLE)
      "Injury due to war operations by other and unspecified forms of conventional warfare")
(SETF (GETHASH '"E996" ICD9-HASH-TABLE)
      "Injury due to war operations by nuclear weapons")
(SETF (GETHASH '"E997" ICD9-HASH-TABLE)
      "Injury due to war operations by other forms of unconventional warfare")
(SETF (GETHASH '"E997.0" ICD9-HASH-TABLE) "Lasers")
(SETF (GETHASH '"E997.1" ICD9-HASH-TABLE) "Biological warfare")
(SETF (GETHASH '"E997.2" ICD9-HASH-TABLE) "Gases, fumes, and chemicals")
(SETF (GETHASH '"E997.8" ICD9-HASH-TABLE)
      "Other specified forms of unconventional warfare")
(SETF (GETHASH '"E997.9" ICD9-HASH-TABLE)
      "Unspecified form of unconventional warfare")
(SETF (GETHASH '"E998" ICD9-HASH-TABLE)
      "Injury due to war operations but occurring after cessation of hostilities")
(SETF (GETHASH '"E999" ICD9-HASH-TABLE)
      "Late effect of injury due to war operations")
```

;; Code for the dialog :files-dialog

```
(in-package :common-graphics-user)

(defclass files-dialog (dialog)
    ())


(defun files-dialog-load-on-click (dialog widget)
   (declare (ignore-if-unused dialog widget))
   (let ((file-list nil))
      (setf file-list
            (find-widget :file-list dialog))
      (when (value file-list)
        (load (value file-list))
        (mapc #'(lambda (x) (create-consult-instance x)) consults)
        ))
  (setf (list-of-instances temp-consult)
    (bubble-sorter (list-of-instances temp-consult)
                #'(lambda (x) (consult-number (eval x)))
                #'string-lessp))
  (setf (list-of-instances temp-patient)
    (bubble-sorter (list-of-instances temp-patient)
                #'(lambda (x) (printname (eval x)))
                #'string-lessp))
   (close dialog)
   t)
```

;; Code for the dialog :patients

```
(in-package :common-graphics-user)

(defclass patients-dialog (dialog)
    ((patient-info-dialog
      :accessor patient-info-dialog
      :initform nil)
     ))


(defun patients-dialog-display-on-click (dialog widget)
   (declare (ignore-if-unused dialog widget))
   (let ((patient-list nil))
      (setf patient-list
            (find-widget :patient-list dialog))
      (when (value patient-list)
         (let* ((patient-instance (eval (value patient-list)))
                (ssn (ssn patient-instance))
                (lastname (lastname patient-instance))
                (firstname (firstname patient-instance))
                (mi (mi patient-instance))
                (id (id patient-instance))
                (dob (dob patient-instance))
              ;  (dob (if birthdate (string (date-from-universal-time
              ;                              (encode-universal-time 0 0 0
              ;                                (nth 0 birthdate)
              ;                                (nth 1 birthdate)
              ;                                (nth 2 birthdate) *time-zone*)))))
                (sex (sex patient-instance))
                (military-status (princ-to-string (military-status patient-instance)))
                (military-rank (military-rank patient-instance))
                ;(phone-number (princ-to-string (phone-number patient-instance)))
                ;(home-phone-number (princ-to-string (home-phone-number patient-instance)))
                (all-consults (consults patient-instance))
                (list-of-consults (remove nil
                                          (mapcar #'(lambda (x) (if (not (equal (specialist-id (eval (string-to-symbol x))) "")) x))
                                            all-consults)
                                          :test #'equal))
                (list-of-new-consults (remove nil
                                          (mapcar #'(lambda (x) (if (equal (specialist-id (eval (string-to-symbol x))) "") x))
                                            all-consults)
                                          :test #'equal))
                (items (mapcar #'(lambda (x) (name x)) (dialog-items (patient-info))))
                )
           (eval `(set-dialog-field (patient-info) :pat-firstname-value ,firstname))
           (eval `(set-dialog-field (patient-info) :pat-mi-value ,mi))
           (eval `(set-dialog-field (patient-info) :pat-lastname-value ,lastname))
           (eval `(set-dialog-field (patient-info) :pat-ssn-value ,ssn))
           (eval `(set-dialog-field (patient-info) :pat-patient-id-value ,id))
           (eval `(set-dialog-field (patient-info) :pat-dob-value (quote ,dob)))
           (if (equal sex "Male")
               (set-dialog-field (patient-info) :pat-male t)
             (set-dialog-field (patient-info) :pat-female t))
           (eval `(set-dialog-field (patient-info) :pat-military-status-value (quote ,military-status)))
           (eval `(set-dialog-field (patient-info) :pat-military-rank-value (quote ,military-rank)))
           (setf pat-list-of-consults
             (find-widget :pat-list-of-consults (patient-info)))
           (eval `(setf (range pat-list-of-consults) (quote ,list-of-consults)))
           (setf pat-list-of-new-consults
             (find-widget :pat-list-of-new-consults (patient-info)))
           (eval `(setf (range pat-list-of-new-consults) (quote ,list-of-new-consults)))
           )))
  (close dialog)
  (select-window (patient-info))
```

```
  t)

(defun specialty-type (cdt-code)
  (if (equal (string-trim '(#\Space) cdt-code) "") ""
    (let ((cdt-number (string-to-symbol (subseq (string cdt-code) 1))))
      (cond ((and (>= cdt-number 100)
                  (<= cdt-number 999))
             "Diagnostics")
            ((and (>= cdt-number 1000)
                  (<= cdt-number 1999))
             "Preventive")
            ((and (>= cdt-number 2000)
                  (<= cdt-number 2999))
             "Restorative")
            ((and (>= cdt-number 3000)
                  (<= cdt-number 3999))
             "Endodontics")
            ((and (>= cdt-number 4000)
                  (<= cdt-number 4999))
             "Periodontics")
            ((and (>= cdt-number 5000)
                  (<= cdt-number 5899))
             "Prosthodontics, removable")
            ((and (>= cdt-number 5900)
                  (<= cdt-number 5999))
             "Maxillofacial prosthetics")
            ((and (>= cdt-number 6000)
                  (<= cdt-number 6199))
             "Implant services")
            ((and (>= cdt-number 6200)
                  (<= cdt-number 6999))
             "Prosthodontics, fixed")
            ((and (>= cdt-number 7000)
                  (<= cdt-number 7999))
             "Oral surgery")
            ((and (>= cdt-number 8000)
                  (<= cdt-number 8999))
             "Orthodontics")
            ((and (>= cdt-number 9000)
                  (<= cdt-number 9999))
             "Adjunctive general services")
            (t
             "")))))


(defmethod specialty-check ((consult-instance consult-request))
  (let* ((patient-instance (eval (string-to-symbol (patient-name consult-instance))))
         (age (age patient-instance))
         (age-number (string-to-symbol (age patient-instance)))
         (cdts (procedure-codes consult-instance))
         (specialty-from-cdts (mapcar #'(lambda (x) (specialty-type x)) cdts))
         )
    (if (not (equal "" age))
        (cond ((and (<= age-number 8)
                    (>= age-number 1))
                    "Pediatric Dentistry")

              ((and (<= age-number 10)
                    (> age-number 8)
                    (or (equal (specialty consult-instance) "Pediatric Dentistry")
                        (equal (specialty consult-instance) "Orthodontics")))
               "Pediatric Dentistry and/or Orthodontics" )
              ((and (<= age-number 18)
                    (> age-number 10)
                    (equal (specialty consult-instance) "Orthodontics"))
               "Orthodontics")
```

```
            (t
             (list (specialty consult-instance)
                   (remove "" (mapcar #'(lambda (x) (specialty-type x)) cdts) :test #'equal)
                   (printname consult-instance)))))))

(defmethod specialty-consistency-check ((consult-instance consult-request))
  (let ((specialty-assigned (specialty consult-instance))
        (specialty-from-cdts (mapcar #'(lambda (x) (specialty-type x)) (procedure-codes consult-instance))))
    (if (member specialty-assigned specialty-from-cdts :test #'equal) NIL
        (list (printname consult-instance) specialty-assigned specialty-from-cdts))
    ))


;;;(pprint (mapcar #'(lambda (x) (specialty-consistency-check (eval x)))
;;;          (cdr (reverse (list-of-instances temp-consult)))))
```

;; Code for the dialog : consult-info-2

```
(in-package :common-graphics-user)

(defclass consult-info-2 (dialog)


  ())

(defun consult-info-2-close-button-on-click (dialog widget)
  (declare (ignore-if-unused dialog widget))
  (close (consult-info-2))
  (select-window (tdent))
  t)

(defun consult-info-2-clear-form-button-on-click (dialog widget)
  (declare (ignore-if-unused dialog widget))

        (eval `(set-dialog-field (consult-info-2) :new-consult-firstname-value ""))
        (eval `(set-dialog-field (consult-info-2) :new-consult-mi-value ""))
        (eval `(set-dialog-field (consult-info-2) :new-consult-lastname-value ""))
        (eval `(set-dialog-field (consult-info-2) :new-consult-patient-id-value ""))
        (eval `(set-dialog-field (consult-info-2) :new-consult-dob-value ""))
        (set-dialog-field (consult-info-2) :new-consult-male "")
        (set-dialog-field (consult-info-2) :new-consult-female "")
        (eval `(set-dialog-field (consult-info-2) :new-consult-military-status-value ""))
        (eval `(set-dialog-field (consult-info-2) :new-consult-military-rank-value ""))
        (eval `(set-dialog-field (consult-info-2) :new-consult-phone-number-value ""))
        (eval `(set-dialog-field (consult-info-2) :new-consult-home-phone-number-value ""))
        (eval `(set-dialog-field (consult-info-2) :new-consult-id-value ""))
        (eval `(set-dialog-field (consult-info-2) :new-consult-chief-complaints-value ""))
        (eval `(set-dialog-field (consult-info-2) :new-consult-history-value ""))
        (eval `(set-dialog-field (consult-info-2) :new-consult-exam-findings-value ""))
        (eval `(set-dialog-field (consult-info-2) :new-consult-provisional-diagnosis-value ""))
        (eval `(set-dialog-field (consult-info-2) :new-consult-referring-id-value ""))
        (eval `(set-dialog-field (consult-info-2) :new-consult-referring-military-rank-value ""))
        (eval `(set-dialog-field (consult-info-2) :new-consult-referring-lastname-value ""))
        (eval `(set-dialog-field (consult-info-2) :new-consult-referring-firstname-value ""))
        (eval `(set-dialog-field (consult-info-2) :new-consult-referring-location-value ""))
        (eval `(set-dialog-field (consult-info-2) :new-consult-date-of-request-value ""))
        (eval `(set-dialog-field (consult-info-2) :new-consult-specialty-value ""))
        (eval `(set-dialog-field (consult-info-2) :new-consult-diagnostic-codes-value ""))
        (eval `(set-dialog-field (consult-info-2) :new-consult-procedure-codes-value ""))
        (eval `(set-dialog-field (consult-info-2) :new-consult-explanation-of-specialty-value ""))
        (eval `(set-dialog-field (consult-info-2) :new-consult-explanation-of-diagnostic-codes-value ""))
        (eval `(set-dialog-field (consult-info-2) :new-consult-explanation-of-procedure-codes-value ""))
        ;(eval `(set-dialog-field (consult-info-2) :new-consult-recommended-consultants-value ""))
        ;(eval `(set-dialog-field (consult-info-2) :new-consult-explanation-of-recommended-consultants-value ""))
        ;(eval `(set-dialog-field (consult-info-2) :new-consult-diagnosis-value ""))
        ;(eval `(set-dialog-field (consult-info-2) :new-consult-suggested-treatment-value ""))
        ;(eval `(set-dialog-field (consult-info-2) :new-consult-specialist-id-value ""))
        ;(eval `(set-dialog-field (consult-info-2) :new-consult-specialist-rank-value ""))
        ;(eval `(set-dialog-field (consult-info-2) :new-consult-specialist-firstname-value ""))
        ;(eval `(set-dialog-field (consult-info-2) :new-consult-specialist-lastname-value ""))
        ;(eval `(set-dialog-field (consult-info-2) :new-consult-specialist-location-value ""))
        ;(eval `(set-dialog-field (consult-info-2) :new-consult-date-of-visit-by-specialist-value ""))
        ;(set-dialog-field (consult-info-2) :new-consult-ssn-value "")
  t)


(defun consult-info-2-save-button-on-click (dialog widget)
  (declare (ignore-if-unused dialog widget))

  (let* ((firstname (dialog-field (consult-info-2) :new-consult-firstname-value))
```

```
     (mi (dialog-field (consult-info-2) :new-consult-mi-value))
     (lastname (dialog-field (consult-info-2) :new-consult-lastname-value))
     (consult-id (dialog-field (consult-info-2) :new-consult-id-value))
     (patient-id (dialog-field (consult-info-2) :new-consult-patient-id-value))
     (patient-instance-symbol (string-to-symbol (concatenate 'string firstname "-" mi "-" lastname)))
     (consult-instance-symbol (string-to-symbol (concatenate 'string "c" (princ-to-string consult-id))))
     (chief-complaints (dialog-field (consult-info-2) :new-consult-chief-complaints-value))
     (history (dialog-field (consult-info-2) :new-consult-history-value))
     (exam-findings (dialog-field (consult-info-2) :new-consult-exam-findings-value))
     (provisional-diagnosis (dialog-field (consult-info-2) :new-consult-provisional-diagnosis-value))
     (specialty (dialog-field (consult-info-2) :new-consult-specialty-value))
     (cdts (dialog-field (consult-info-2) :new-consult-procedure-codes-value))
     (urgency (dialog-field (consult-info-2) :new-consult-urgency-value))
     (modality (dialog-field (consult-info-2) :new-consult-modality-value))
     )


(if (member patient-instance-symbol (list-of-instances temp-patient))
    (setf (consults (eval patient-instance-symbol)) (remove-duplicates
                                                     (push (princ-to-string consult-instance-symbol) (consults (eval patient-instance-symbol)))
                                                     :test #'equal))
  (progn

    (make-a-class-instance 'patient patient-instance-symbol)
    (setf (printname (eval patient-instance-symbol)) (dialog-field (consult-info-2) :new-consult-firstname-value))
    (setf (firstname (eval patient-instance-symbol)) (dialog-field (consult-info-2) :new-consult-firstname-value))
    (setf (lastname (eval patient-instance-symbol)) (dialog-field (consult-info-2) :new-consult-lastname-value))
    (setf (ssn (eval patient-instance-symbol)) (dialog-field (consult-info-2) :new-consult-ssn-value))
    (setf (mi (eval patient-instance-symbol)) (dialog-field (consult-info-2) :new-consult-mi-value))
    (setf (age (eval patient-instance-symbol)) 33);(dialog-field (consult-info-2) :new-consult-age-value))
    (setf (dob (eval patient-instance-symbol)) (dialog-field (consult-info-2) :new-consult-dob-value))
    (setf (id (eval patient-instance-symbol)) (dialog-field (consult-info-2) :new-consult-patient-id-value))
    (setf (sex (eval patient-instance-symbol)) (if (dialog-field (consult-info-2) :new-consult-female) "Female" "Male"))
    (setf (military-status (eval patient-instance-symbol)) (dialog-field (consult-info-2) :new-consult-military-status-value))
    (setf (military-rank (eval patient-instance-symbol)) (dialog-field (consult-info-2) :new-consult-military-rank-value))
    (setf (phone-number (eval patient-instance-symbol)) (dialog-field (consult-info-2) :new-consult-phone-number-value))
    (setf (home-phone-number (eval patient-instance-symbol)) (dialog-field (consult-info-2) :new-consult-home-phone-number-value))
    (setf (consults (eval patient-instance-symbol)) (remove-duplicates
                                                     (push (princ-to-string consult-instance-symbol) (consults (eval patient-instance-symbol)))
                                                     :test #'equal))
    ))


(make-a-class-instance 'consult-request consult-instance-symbol)
(setf (consult-number (eval consult-instance-symbol)) (dialog-field (consult-info-2) :new-consult-id-value))
(setf (patient-name (eval consult-instance-symbol)) (concatenate 'string firstname "-" mi "-" lastname))
(setf (chief-complaints (eval consult-instance-symbol)) (dialog-field (consult-info-2) :new-consult-chief-complaints-value))
(setf (history (eval consult-instance-symbol)) (dialog-field (consult-info-2) :new-consult-history-value))
(setf (exam-findings (eval consult-instance-symbol)) (dialog-field (consult-info-2) :new-consult-exam-findings-value))
(setf (provisional-diagnosis (eval consult-instance-symbol)) (dialog-field (consult-info-2) :new-consult-provisional-diagnosis-value))
(setf (referring-id (eval consult-instance-symbol)) (dialog-field (consult-info-2) :new-consult-referring-id-value))
(setf (referring-location (eval consult-instance-symbol)) (dialog-field (consult-info-2) :new-consult-referring-location-value))
(setf (date-of-request (eval consult-instance-symbol)) (dialog-field (consult-info-2) :new-consult-date-of-request-value))
(setf (urgency (eval consult-instance-symbol)) (dialog-field (consult-info-2) :new-consult-urgency-value))
(setf (modality (eval consult-instance-symbol)) (dialog-field (consult-info-2) :new-consult-modality-value))

#|(let* ((exam-findings-procedure-string exam-findings)
       (exam-findings-proc-info (mapcar #'(lambda (y)
                                            (remove nil
                                                    (mapcar #'(lambda (x)
                                                                (if (search y (nth 1 x)) (nth 0 x)))
                                                         *all-cdt-codes*)
                                                    :test #'equal))
                                        (string-to-list exam-findings)))
       (chief-complaints-proc-info (mapcar #'(lambda (y)
                                               (remove nil
```

```
                                                    (mapcar #'(lambda (x)
                                                                (if (search y (nth 1 x)) (nth 0 x)))
                                                      *all-cdt-codes*)
                                                    :test #'equal))
                                          (string-to-list chief-complaints)))
        (provisional-diagnosis-proc-info (mapcar #'(lambda (y)
                                                     (remove nil
                                                             (mapcar #'(lambda (x)
                                                                         (if (search y (nth 1 x)) (nth 0 x)))
                                                               *all-cdt-codes*)
                                                             :test #'equal))
                                                   (string-to-list provisional-diagnosis)))

        (cdts-in-common (intersection (intersection exam-findings-proc-info chief-complaints-proc-info)
                                      provisional-diagnosis-proc-info)))
     (pprint cdts-in-common)
     |#
    (setf (specialty (eval consult-instance-symbol)) (dialog-field (consult-info-2) :new-consult-specialty-value))
   ;diagnostic-codes
   (setf (procedure-codes (eval consult-instance-symbol)) (string-to-list (dialog-field (consult-info-2) :new-consult-procedure-codes-value)))
   ;explanation-of-diagnostic-codes
   ;explanation-of-procedure-codes
   ;(setf (diagnosis (eval consult-instance-symbol)) (dialog-field (consult-info-2) :new-consult-diagnosis-value))
   ;(setf (suggested-treatment (eval consult-instance-symbol)) (dialog-field (consult-info-2) :new-consult-suggested-treatment-value))
   ;(setf (specialist-firstname (eval consult-instance-symbol)) (dialog-field (consult-info-2) :new-consult-specialist-firstname-value))
   ;(setf (specialist-lastname (eval consult-instance-symbol)) (dialog-field (consult-info-2) :new-consult-specialist-lastname-value))
   ;(setf (specialist-id (eval consult-instance-symbol)) (dialog-field (consult-info-2) :new-consult-specialist-id-value))
   ;(setf (specialist-rank (eval consult-instance-symbol)) (dialog-field (consult-info-2) :new-consult-specialist-rank-value))
   ;(setf (specialist-location (eval consult-instance-symbol)) (dialog-field (consult-info-2) :new-consult-specialist-location-value))
   ;(setf (date-of-visit-by-specialist (eval consult-instance-symbol)) (dialog-field (consult-info-2) :new-consult-date-of-visit-by-specialist-value))


   ;(setq specialist-instance-symbol (string-to-symbol (concatenate 'string "SPEC" (dialog-field (consult-info-2) :new-consult-specialist-id-value))))

   ;(if (member specialist-instance-symbol (list-of-instances temp-specialist))
   ;  (setf (consults (eval specialist-instance-symbol)) (push (dialog-field (consult-info-2) :new-consult-consult-id-value) (consults (eval specialist-instance-symbol))))
   ;  (progn   ;else
   ;    (make-a-class-instance 'specialist specialist-instance-symbol)
   ;    (setf (printname (eval consult-instance-symbol)) (dialog-field (consult-info-2) (concatenate 'string "SPEC" (dialog-field (consult-info-2 :new-consult-specialist-id-
value)))))
   ;    (setf (lastname (eval consult-instance-symbol)) (dialog-field (consult-info-2) :new-consult-specialist-lastname-value))
   ;    (setf (firstname (eval consult-instance-symbol)) (dialog-field (consult-info-2) :new-consult-specialist-firstname-value))
   ;    (setf (id (eval consult-instance-symbol)) (dialog-field (consult-info-2) :new-consult-specialist-id-value))
   ;    (setf (location (eval consult-instance-symbol)) (dialog-field (consult-info-2) :new-consult-specialist-location-value))
   ;    (setf (consults (eval specialist-instance-symbol)) (push (dialog-field (consult-info-2) :new-consult-id-value) (slot-value (eval patient-instance-symbol) 'consults)))


   ))
  t)

(defun consult-info-2-specialist-id-value-on-change (widget new-value old-value)
  (declare (ignore-if-unused widget new-value old-value))

  (setq spec-symbol (string-to-symbol (concatenate 'string "SPEC" (princ-to-string (dialog-field (consult-info-2) :new-consult-specialist-id-value)))))

  (if (member spec-symbol (list-of-instances temp-specialist))
      (progn
        (set-dialog-field (consult-info-2) :new-consult-specialist-location-value (location (eval spec-symbol)))
        (set-dialog-field (consult-info-2) :new-consult-specialist-firstname-value (firstname (eval spec-symbol)))
        (set-dialog-field (consult-info-2) :new-consult-specialist-lastname-value (lastname (eval spec-symbol)))

        )
    )
  t) ; Accept the new value
```

```
(defun new-consult-yellow-pages-on-click (dialog widget)
  (declare (ignore-if-unused dialog widget))
  (let* ((referring-location (dialog-field (consult-info-2) :new-consult-referring-location-value))
         (specialty (dialog-field (consult-info-2) :new-consult-specialty-value))
         (procedure-codes (dialog-field (consult-info-2) :new-consult-procedure-codes-value))
         (modality (dialog-field (consult-info-2) :new-consult-modality-value)))
    (set-dialog-field (yellow-pages-dialog) :yellow-pages-specialty-value specialty)
    (set-dialog-field (yellow-pages-dialog) :yellow-pages-referring-location-value referring-location)
    (set-dialog-field (yellow-pages-dialog) :yellow-pages-cdts-value procedure-codes)
    (setf modality-list (find-widget :yellow-pages-modality-value (yellow-pages-dialog)))
    (setf (range modality-list) modality)
    )
  (select-window (yellow-pages-dialog))
  t)

(defun consult-info-2-new-consult-e-board-button-on-click (dialog widget)
  (declare (ignore-if-unused dialog widget))
  (let* ((consult-id (dialog-field (consult-info-2) :new-consult-id-value))
         (referring-location (dialog-field (consult-info-2) :new-consult-referring-location-value))
         (date-of-request (dialog-field (consult-info-2) :new-consult-date-of-request-value))
         (specialty (dialog-field (consult-info-2) :new-consult-specialty-value))
         (procedure-codes (dialog-field (consult-info-2) :new-consult-procedure-codes-value))
         (urgency (dialog-field (consult-info-2) :new-consult-urgency-value))
         (modality (dialog-field (consult-info-2) :new-consult-modality-value))
         (universal-time (get-universal-time))
         (time (princ-to-string (time-from-universal-time universal-time)))
         (date (string (date-from-universal-time universal-time)))
         (old-consults-in-e-board (range (find-widget :e-board-list-of-consults (e-board)))))
    (setf consult-list (find-widget :e-board-list-of-consults (e-board)))
    (setf (range consult-list) (append (list (concatenate 'string
                                               consult-id (make-string-of-given-length consult-id 7)
                                               referring-location (make-string-of-given-length referring-location 10)
                                               specialty (make-string-of-given-length specialty 15)
                                               urgency (make-string-of-given-length urgency 10)
                                               "(" (list-to-string modality) ")"
                                               (make-string-of-given-length (list-to-string modality) 23)
                                               time (make-string-of-given-length time 15)
                                               date-of-request (make-string-of-given-length date-of-request 10)))
                                       old-consults-in-e-board)))
  (select-window (e-board))
  t)

(defun new-consult-classifier-button-on-click (dialog widget)
  (declare (ignore-if-unused dialog widget))
  (let* ((complaints (dialog-field (consult-info-2) :new-consult-chief-complaints-value))
         (history (dialog-field (consult-info-2) :new-consult-history-value))
         (exam-findings (dialog-field (consult-info-2) :new-consult-exam-findings-value))
         (provisional-diagnosis (dialog-field (consult-info-2) :new-consult-provisional-diagnosis-value))
         (the-string (concatenate 'string complaints history exam-findings provisional-diagnosis))
         (clean-string (eliminate-several-characters '("," "." ":" ";" "&" ">" "/" "-" "#" ")" "(") the-string)))
    (set-dialog-field (classify-dialog) :consult-value clean-string)

    (select-window (classify-dialog)))
  t)
```

;; Code for the dialog :patient-info

```
(in-package :common-graphics-user)

(defclass consult-info (dialog)
    ())


(defun patient-info-save-on-click (dialog widget)
  (declare (ignore-if-unused dialog widget))
  (let* ((firstname (dialog-field dialog :firstname-value))
         (mi (dialog-field dialog :mi-value))
         (lastname (dialog-field dialog :lastname-value))
         (dob (dialog-field dialog :dob-value))
         (sex (if (dialog-field dialog :male) "Male" "Female"))
         (military-status (dialog-field dialog :military-status-value))
         (military-rank (dialog-field dialog :military-rank-value))
         (phone-number (dialog-field dialog :phone-number-value))
         (home-phone-number (dialog-field dialog :home-phone-number-value))
         (chief-complaints (dialog-field dialog :chief-complaints-value))
         (history (dialog-field dialog :history-value))
         (exam-findings (dialog-field dialog :exam-findings-value))
         (provisional-diagnosis (dialog-field dialog :provisional-diagnosis-value))
         (referring-military-rank (dialog-field dialog :referring-military-rank-value))
         (referring-lastname (dialog-field dialog :referring-lastname-value))
         (referring-firstname (dialog-field dialog :referring-firstname-value))
         (referring-location (dialog-field dialog :referring-location-value))
         (date-of-request (string (dialog-field dialog :date-of-request-value)))
         (specialty (dialog-field dialog :specialty-value))
         (diagnostic-codes (dialog-field dialog :diagnostic-codes-value))
         (procedure-codes (dialog-field dialog :procedure-codes-value))
         (explanation-of-specialty (dialog-field dialog :explanation-of-specialty-value))
         (explanation-of-diagnostic-codes (dialog-field dialog :explanation-of-diagnostic-codes-value))
         (explanation-of-procedure-codes (dialog-field dialog :explanation-of-procedure-codes-value))
         ;(recommended-consultants (dialog-field dialog :recommended-consultants-value))
         ;(explanation-of-recommended-consultants (dialog-field dialog :explanation-of-recommended-consultants-value))
         (diagnosis (dialog-field dialog :diagnosis-value))
         (suggested-treatment  (dialog-field dialog :suggested-treatment-value))
         (specialist-id (dialog-field dialog :specialist-id-value))
         (specialist-rank (dialog-field dialog :specialist-rank-value))
         (specialist-firstname (dialog-field dialog :specialist-firstname-value))
         (specialist-lastname (dialog-field dialog :specialist-lastname-value))
         (specialist-location (dialog-field dialog :specialist-location-value))
         (date-of-visit-by-specialist (dialog-field dialog :date-of-visit-by-specialist-value))
         (printname (concatenate 'string firstname "-" mi "-" lastname))
         (patient (string-to-symbol printname))
         (filename (concatenate 'string "G:\\Working Files\\Army\\GGTS Development\\Tdent\\Data\\" printname ".lsp"))
         (temp-stream (make-string-output-stream)))
    (with-open-file
        (temp-stream filename :direction :output :if-exists :overwrite :if-does-not-exist :create)
      (pprint
       `(progn
          (in-package :common-graphics-user)
          (setf ,patient (make-instance 'patient
                           :firstname ,firstname
                           :mi ,mi
                           :lastname ,lastname
                           :printname ,printname
                           :dob ,dob
                           :sex ,sex
                           :military-status ,military-status
                           :military-rank ,military-rank
                           :phone-number ,phone-number
                           :home-phone-number ,home-phone-number
                           :chief-complaints ,chief-complaints
```

```
                        :history ,history
                        :exam-findings ,exam-findings
                        :provisional-diagnosis ,provisional-diagnosis
                        :referring-military-rank ,referring-military-rank
                        :referring-lastname ,referring-lastname
                        :referring-firstname ,referring-firstname
                        :referring-location ,referring-location
                        :date-of-request ,date-of-request
                        :specialty ,specialty
                        :diagnostic-codes ,diagnostic-codes
                        :procedure-codes ,procedure-codes
                        :explanation-of-specialty ,explanation-of-specialty
                        :explanation-of-diagnostic-codes ,explanation-of-diagnostic-codes
                        :explanation-of-procedure-codes ,explanation-of-procedure-codes
                       ; :recommended-consultants ,recommended-consultants
                       ; :explanation-of-recommended-consultants ,explanation-of-recommended-consultants
                        :diagnosis ,diagnosis
                        :suggested-treatment ,suggested-treatment
                        :specialist-id ,specialist-id
                        :specialist-rank ,specialist-rank
                        :specialist-firstname ,specialist-firstname
                        :specialist-lastname ,specialist-lastname
                        :specialist-location ,specialist-location
                        :date-of-visit-by-specialist ,date-of-visit-by-specialist
                        )))
    temp-stream))
  (close temp-stream))
t)
```

;; Code for the dialog :consults-dialog

```
(in-package :common-graphics-user)

(defclass consults-dialog (dialog)
    ((consult-info-dialog
      :accessor consult-info-dialog
      :initform nil)
     ))

(defun consults-dialog-display-on-click (dialog widget)
  (declare (ignore-if-unused dialog widget))
  (let ((consult-list nil))
      (setf consult-list
            (find-widget :consult-list dialog))
    (when (value consult-list)
      (let* ((consult-instance (eval (value consult-list)))
             (consult-id (consult-number consult-instance))
             (patient-instance (eval (string-to-symbol (patient-name consult-instance))))
             (lastname (lastname patient-instance))
             (firstname (firstname patient-instance))
             (mi (mi patient-instance))
             (ssn (ssn patient-instance))
             (patient-id (id patient-instance))
             (dob (dob patient-instance))
             (sex (sex patient-instance))
             (military-status (princ-to-string (military-status patient-instance)))
             (military-rank (military-rank patient-instance))
             ;(phone-number (princ-to-string (phone-number patient-instance)))
             ;(home-phone-number (princ-to-string (home-phone-number patient-instance)))
             (chief-complaints (chief-complaints consult-instance))
             (history (history consult-instance))
             (exam-findings (exam-findings consult-instance))
             (provisional-diagnosis (provisional-diagnosis consult-instance))
             (referring-id (referring-id consult-instance))
             (referring-military-rank (referring-military-rank consult-instance))
             (referring-lastname (referring-lastname consult-instance))
             (referring-firstname (referring-firstname consult-instance))
             (referring-location (referring-location consult-instance))
             (date-of-request (date-of-request consult-instance))
             ;(date-of-request (if dor (string (date-from-universal-time
             ;                                  (encode-universal-time 0 0 0
             ;                                    (nth 0 dor)
             ;                                    (nth 1 dor)
             ;                                    (nth 2 dor) *time-zone*)))))
             ;(images (images consult-instance))
             (specialty (specialty consult-instance))
             (diagnostic-codes (list-to-string (diagnostic-codes consult-instance)))
             (procedure-codes (list-to-string (procedure-codes consult-instance)))
             ;(explanation-of-specialty (list-to-string (explanation-of-specialty consult-instance)))
             (explanation-of-diagnostic-codes (list-to-string (explanation-of-diagnostic-codes consult-instance)))
             (explanation-of-procedure-codes
              (let ((codes (procedure-codes consult-instance)))
                (list-to-string (mapcar #'(lambda (x) (concatenate 'string (string x) " - " (gethash (string-to-symbol x) cdt-hash-table))) codes))))
             ;(list-to-string (explanation-of-procedure-codes consult-instance)))
             ;(recommended-consultants (list-to-string (recommended-consultants consult-instance)))
             ;(explanation-of-recommended-consultants (list-to-string (explanation-of-recommended-consultants consult-instance)))
             (diagnosis (diagnosis consult-instance))
             (suggested-treatment (suggested-treatment consult-instance))
             (specialist-id (specialist-id consult-instance))
             (specialist-rank (specialist-rank consult-instance))
             (specialist-lastname (specialist-lastname consult-instance))
             (specialist-firstname (specialist-firstname consult-instance))
             (specialist-location (specialist-location consult-instance))
             (date-of-visit-by-specialist (date-of-visit-by-specialist consult-instance))
```

```
        (items (mapcar #'(lambda (x) (name x)) (dialog-items (consult-info))))
        )
      (eval `(set-dialog-field (consult-info) :firstname-value ,firstname))
      (eval `(set-dialog-field (consult-info) :mi-value ,mi))
      (eval `(set-dialog-field (consult-info) :lastname-value ,lastname))
      ;(eval `(set-dialog-field (consult-info) :ssn-value ,ssn))
      (eval `(set-dialog-field (consult-info) :patient-id-value ,patient-id))
      (eval `(set-dialog-field (consult-info) :dob-value (quote ,dob)))
      (if (equal sex "Male")
          (set-dialog-field (consult-info) :male t)
        (set-dialog-field (consult-info) :female t))
      (eval `(set-dialog-field (consult-info) :military-status-value (quote ,military-status)))
      (eval `(set-dialog-field (consult-info) :military-rank-value (quote ,military-rank)))
      ;(eval `(set-dialog-field (consult-info) :phone-number-value (quote ,phone-number)))
      ;(eval `(set-dialog-field (consult-info) :home-phone-number-value (quote ,home-phone-number)))
      (eval `(set-dialog-field (consult-info) :consult-id-value (quote ,consult-id)))
      (eval `(set-dialog-field (consult-info) :chief-complaints-value (quote ,chief-complaints)))
      (eval `(set-dialog-field (consult-info) :history-value (quote ,history)))
      (eval `(set-dialog-field (consult-info) :exam-findings-value (quote ,exam-findings)))
      (eval `(set-dialog-field (consult-info) :provisional-diagnosis-value (quote ,provisional-diagnosis)))
      (eval `(set-dialog-field (consult-info) :referring-id-value (quote ,referring-id)))
      (eval `(set-dialog-field (consult-info) :referring-military-rank-value (quote ,referring-military-rank)))
      ;(eval `(set-dialog-field (consult-info) :referring-lastname-value (quote ,referring-lastname)))
      ;(eval `(set-dialog-field (consult-info) :referring-firstname-value (quote ,referring-firstname)))
      (eval `(set-dialog-field (consult-info) :referring-location-value (quote ,referring-location)))
      (eval `(set-dialog-field (consult-info) :date-of-request-value (quote ,date-of-request)))
      (eval `(set-dialog-field (consult-info) :specialty-value (quote ,specialty)))
      (eval `(set-dialog-field (consult-info) :diagnostic-codes-value (quote ,diagnostic-codes)))
      (eval `(set-dialog-field (consult-info) :procedure-codes-value (quote ,procedure-codes)))
      ;(eval `(set-dialog-field (consult-info) :explanation-of-specialty-value (quote ,explanation-of-specialty)))
      (eval `(set-dialog-field (consult-info) :explanation-of-diagnostic-codes-value (quote ,explanation-of-diagnostic-codes)))
      (eval `(set-dialog-field (consult-info) :explanation-of-procedure-codes-value (quote ,explanation-of-procedure-codes)))
      ;(eval `(set-dialog-field (consult-info) :recommended-consultants-value (quote ,recommended-consultants)))
      ;(eval `(set-dialog-field (consult-info) :explanation-of-recommended-consultants-value (quote ,explanation-of-recommended-consultants)))
      (eval `(set-dialog-field (consult-info) :diagnosis-value (quote ,diagnosis)))
      (eval `(set-dialog-field (consult-info) :suggested-treatment-value (quote ,suggested-treatment)))
      (eval `(set-dialog-field (consult-info) :specialist-id-value (quote ,specialist-id)))
      (eval `(set-dialog-field (consult-info) :specialist-rank-value (quote ,specialist-rank)))
      ;(eval `(set-dialog-field (consult-info) :specialist-firstname-value (quote ,specialist-firstname)))
      ;(eval `(set-dialog-field (consult-info) :specialist-lastname-value (quote ,specialist-lastname)))
      (eval `(set-dialog-field (consult-info) :specialist-location-value (quote ,specialist-location)))
      (eval `(set-dialog-field (consult-info) :date-of-visit-by-specialist-value (quote ,date-of-visit-by-specialist)))
      )))
(close dialog)
(select-window (consult-info))
t)
```

;; Code for the dialog :patient-info

```
(in-package :common-graphics-user)

(defclass patient-info (dialog)
    ())


(defun patient-consult-info-on-click (dialog widget)
  (declare (ignore-if-unused dialog widget))
  (let ((consult-list nil))
      (setf consult-list
            (find-widget :pat-list-of-consults (patient-info)))
    (when (value consult-list)
      (let* ((consult-instance (eval (string-to-symbol (value consult-list))))
             (consult-id (consult-number consult-instance))
             (patient-instance (eval (string-to-symbol (patient-name consult-instance))))
             (lastname (lastname patient-instance))
             (firstname (firstname patient-instance))
             (mi (mi patient-instance))
             (patient-id (id patient-instance))
             (dob (dob patient-instance))
             (sex (sex patient-instance))
             (military-status (princ-to-string (military-status patient-instance)))
             (military-rank (military-rank patient-instance))
             ;(phone-number (princ-to-string (phone-number patient-instance)))
             ;(home-phone-number (princ-to-string (home-phone-number patient-instance)))
             (chief-complaints (chief-complaints consult-instance))
             (history (history consult-instance))
             (exam-findings (exam-findings consult-instance))
             (provisional-diagnosis (provisional-diagnosis consult-instance))
             (referring-id (referring-id consult-instance))
             ;(referring-military-rank (referring-military-rank consult-instance))
             ;(referring-lastname (referring-lastname consult-instance))
             ;(referring-firstname (referring-firstname consult-instance))
             (referring-location (referring-location consult-instance))
             (date-of-request (date-of-request consult-instance))
             ;(date-of-request (if dor (string (date-from-universal-time
             ;                                  (encode-universal-time 0 0 0
             ;                                    (nth 0 dor)
             ;                                    (nth 1 dor)
             ;                                    (nth 2 dor) *time-zone*)))))
             ;(images (images consult-instance))
             (specialty (specialty consult-instance))
             (diagnostic-codes (list-to-string (diagnostic-codes consult-instance)))
             (procedure-codes (list-to-string (procedure-codes consult-instance)))
             ;(explanation-of-specialty (list-to-string (explanation-of-specialty consult-instance)))
             (explanation-of-diagnostic-codes (list-to-string (explanation-of-diagnostic-codes consult-instance)))
             (explanation-of-procedure-codes
              (let ((codes (procedure-codes consult-instance)))
                (list-to-string (mapcar #'(lambda (x) (concatenate 'string (string x) " - " (gethash (string-to-symbol x) cdt-hash-table))) codes))))
             ;(list-to-string (explanation-of-procedure-codes consult-instance)))
             ;(recommended-consultants (list-to-string (recommended-consultants consult-instance)))
             ;(explanation-of-recommended-consultants (list-to-string (explanation-of-recommended-consultants consult-instance)))
             (diagnosis (diagnosis consult-instance))
             (suggested-treatment (suggested-treatment consult-instance))
             (specialist-id (specialist-id consult-instance))
             (specialist-rank (specialist-rank consult-instance))
             ;(specialist-lastname (specialist-lastname consult-instance))
             ;(specialist-firstname (specialist-firstname consult-instance))
             (specialist-location (specialist-location consult-instance))
             (date-of-visit-by-specialist (date-of-visit-by-specialist consult-instance))
             (items (mapcar #'(lambda (x) (name x)) (dialog-items (consult-info))))
             )
```

```
        (eval `(set-dialog-field (consult-info) :firstname-value ,firstname))
        (eval `(set-dialog-field (consult-info) :mi-value ,mi))
        (eval `(set-dialog-field (consult-info) :lastname-value ,lastname))
        (eval `(set-dialog-field (consult-info) :patient-id-value ,patient-id))
        (eval `(set-dialog-field (consult-info) :dob-value (quote ,dob)))
        (if (equal sex "Male")
            (set-dialog-field (consult-info) :male t)
          (set-dialog-field (consult-info) :female t))
        (eval `(set-dialog-field (consult-info) :military-status-value (quote ,military-status)))
        (eval `(set-dialog-field (consult-info) :military-rank-value (quote ,military-rank)))
        ;(eval `(set-dialog-field (consult-info) :phone-number-value (quote ,phone-number)))
        ;(eval `(set-dialog-field (consult-info) :home-phone-number-value (quote ,home-phone-number)))
        (eval `(set-dialog-field (consult-info) :consult-id-value (quote ,consult-id)))
        (eval `(set-dialog-field (consult-info) :chief-complaints-value (quote ,chief-complaints)))
        (eval `(set-dialog-field (consult-info) :history-value (quote ,history)))
        (eval `(set-dialog-field (consult-info) :exam-findings-value (quote ,exam-findings)))
        (eval `(set-dialog-field (consult-info) :provisional-diagnosis-value (quote ,provisional-diagnosis)))
        (eval `(set-dialog-field (consult-info) :referring-id-value (quote ,referring-id)))
        ;(eval `(set-dialog-field (consult-info) :referring-military-rank-value (quote ,referring-military-rank)))
        ;(eval `(set-dialog-field (consult-info) :referring-lastname-value (quote ,referring-lastname)))
        ;(eval `(set-dialog-field (consult-info) :referring-firstname-value (quote ,referring-firstname)))
        (eval `(set-dialog-field (consult-info) :referring-location-value (quote ,referring-location)))
        (eval `(set-dialog-field (consult-info) :date-of-request-value (quote ,date-of-request)))
        (eval `(set-dialog-field (consult-info) :specialty-value (quote ,specialty)))
        (eval `(set-dialog-field (consult-info) :diagnostic-codes-value (quote ,diagnostic-codes)))
        (eval `(set-dialog-field (consult-info) :procedure-codes-value (quote ,procedure-codes)))
        ;(eval `(set-dialog-field (consult-info) :explanation-of-specialty-value (quote ,explanation-of-specialty)))
        (eval `(set-dialog-field (consult-info) :explanation-of-diagnostic-codes-value (quote ,explanation-of-diagnostic-codes)))
        (eval `(set-dialog-field (consult-info) :explanation-of-procedure-codes-value (quote ,explanation-of-procedure-codes)))
        ;(eval `(set-dialog-field (consult-info) :recommended-consultants-value (quote ,recommended-consultants)))
        ;(eval `(set-dialog-field (consult-info) :explanation-of-recommended-consultants-value (quote ,explanation-of-recommended-consultants)))
        (eval `(set-dialog-field (consult-info) :diagnosis-value (quote ,diagnosis)))
        (eval `(set-dialog-field (consult-info) :suggested-treatment-value (quote ,suggested-treatment)))
        (eval `(set-dialog-field (consult-info) :specialist-id-value (quote ,specialist-id)))
        (eval `(set-dialog-field (consult-info) :specialist-rank-value (quote ,specialist-rank)))
        ;(eval `(set-dialog-field (consult-info) :specialist-firstname-value (quote ,specialist-firstname)))
        ;(eval `(set-dialog-field (consult-info) :specialist-lastname-value (quote ,specialist-lastname)))
        (eval `(set-dialog-field (consult-info) :specialist-location-value (quote ,specialist-location)))
        (eval `(set-dialog-field (consult-info) :date-of-visit-by-specialist-value (quote ,date-of-visit-by-specialist)))
        )))
  ;(close (patient-info))
  (select-window (consult-info))
  t)

(defun patient-new-consult-info-on-click (dialog widget)
  (declare (ignore-if-unused dialog widget))
  (let ((consult-list nil))
    (setf consult-list
      (find-widget :pat-list-of-new-consults (patient-info)))
    (when (value consult-list)
      (let* ((consult-instance (eval (string-to-symbol (value consult-list))))
             (consult-id (consult-number consult-instance))
             (patient-instance (eval (string-to-symbol (patient-name consult-instance))))
             (lastname (lastname patient-instance))
             (firstname (firstname patient-instance))
             (mi (mi patient-instance))
             (patient-id (id patient-instance))
             (dob (dob patient-instance))
             (ssn (ssn patient-instance))
             (sex (sex patient-instance))
             (military-status (princ-to-string (military-status patient-instance)))
             (military-rank (military-rank patient-instance))
             ;(phone-number (princ-to-string (phone-number patient-instance)))
             ;(home-phone-number (princ-to-string (home-phone-number patient-instance)))
             (chief-complaints (chief-complaints consult-instance))
             (history (history consult-instance))
```

```
      (exam-findings (exam-findings consult-instance))
      (provisional-diagnosis (provisional-diagnosis consult-instance))
      (referring-id (referring-id consult-instance))
      ;(referring-military-rank (referring-military-rank consult-instance))
      ;(referring-lastname (referring-lastname consult-instance))
      ;(referring-firstname (referring-firstname consult-instance))
      (referring-location (referring-location consult-instance))
      (date-of-request (date-of-request consult-instance))
      ;(date-of-request (if dor (string (date-from-universal-time
      ;                                  (encode-universal-time 0 0 0
      ;                                    (nth 0 dor)
      ;                                    (nth 1 dor)
      ;                                    (nth 2 dor) *time-zone*)))))
      ;(images (images consult-instance))
      (specialty (specialty consult-instance))
      (diagnostic-codes (list-to-string (diagnostic-codes consult-instance)))
      (procedure-codes (list-to-string (procedure-codes consult-instance)))
      ;(explanation-of-specialty (list-to-string (explanation-of-specialty consult-instance)))
      (explanation-of-diagnostic-codes (list-to-string (explanation-of-diagnostic-codes consult-instance)))
      (explanation-of-procedure-codes
       (let ((codes (procedure-codes consult-instance)))
         (list-to-string (mapcar #'(lambda (x) (concatenate 'string (string x) " - " (gethash (string-to-symbol x) cdt-hash-table))) codes))))
      ;(list-to-string (explanation-of-procedure-codes consult-instance)))
      ;(recommended-consultants (list-to-string (recommended-consultants consult-instance)))
      ;(explanation-of-recommended-consultants (list-to-string (explanation-of-recommended-consultants consult-instance)))
      (diagnosis (diagnosis consult-instance))
      (suggested-treatment (suggested-treatment consult-instance))
      (specialist-id (specialist-id consult-instance))
      (specialist-rank (specialist-rank consult-instance))
      ;(specialist-lastname (specialist-lastname consult-instance))
      ;(specialist-firstname (specialist-firstname consult-instance))
      (specialist-location (specialist-location consult-instance))
      (date-of-visit-by-specialist (date-of-visit-by-specialist consult-instance))
      ;(items (mapcar #'(lambda (x) (name x)) (dialog-items (consult-info))))
      (urgency (urgency consult-instance))
      (modality (modality consult-instance))
      )

(eval `(set-dialog-field (consult-info-2) :new-consult-firstname-value ,firstname))
(eval `(set-dialog-field (consult-info-2) :new-consult-mi-value ,mi))
(eval `(set-dialog-field (consult-info-2) :new-consult-lastname-value ,lastname))
(eval `(set-dialog-field (consult-info-2) :new-consult-patient-id-value ,patient-id))
(eval `(set-dialog-field (consult-info-2) :new-consult-dob-value (quote ,dob)))
(eval `(set-dialog-field (consult-info-2) :new-consult-ssn-value (quote ,ssn)))
(if (equal sex "Male")
    (set-dialog-field (consult-info-2) :new-consult-male t)
  (set-dialog-field (consult-info-2) :new-consult-female t))
(eval `(set-dialog-field (consult-info-2) :new-consult-military-status-value (quote ,military-status)))
(eval `(set-dialog-field (consult-info-2) :new-consult-military-rank-value (quote ,military-rank)))
;(eval `(set-dialog-field (consult-info-2) :new-consult-phone-number-value (quote ,phone-number)))
;(eval `(set-dialog-field (consult-info-2) :new-consult-home-phone-number-value (quote ,home-phone-number)))
(eval `(set-dialog-field (consult-info-2) :new-consult-id-value (quote ,consult-id)))
(eval `(set-dialog-field (consult-info-2) :new-consult-chief-complaints-value (quote ,chief-complaints)))
(eval `(set-dialog-field (consult-info-2) :new-consult-history-value (quote ,history)))
(eval `(set-dialog-field (consult-info-2) :new-consult-exam-findings-value (quote ,exam-findings)))
(eval `(set-dialog-field (consult-info-2) :new-consult-provisional-diagnosis-value (quote ,provisional-diagnosis)))
(eval `(set-dialog-field (consult-info-2) :new-consult-referring-id-value (quote ,referring-id)))
;(eval `(set-dialog-field (consult-info-2) :new-consult-referring-military-rank-value (quote ,referring-military-rank)))
;(eval `(set-dialog-field (consult-info-2) :new-consult-referring-lastname-value (quote ,referring-lastname)))
;(eval `(set-dialog-field (consult-info-2) :new-consult-referring-firstname-value (quote ,referring-firstname)))
(eval `(set-dialog-field (consult-info-2) :new-consult-referring-location-value (quote ,referring-location)))
(eval `(set-dialog-field (consult-info-2) :new-consult-date-of-request-value (quote ,date-of-request)))
(eval `(set-dialog-field (consult-info-2) :new-consult-specialty-value (quote ,specialty)))
(eval `(set-dialog-field (consult-info-2) :new-consult-diagnostic-codes-value (quote ,diagnostic-codes)))
(eval `(set-dialog-field (consult-info-2) :new-consult-procedure-codes-value (quote ,procedure-codes)))
;(eval `(set-dialog-field (consult-info-2) :new-consult-explanation-of-specialty-value (quote ,explanation-of-specialty)))
```

```
      (eval `(set-dialog-field (consult-info-2) :new-consult-explanation-of-diagnostic-codes-value (quote ,explanation-of-diagnostic-codes)))
      (eval `(set-dialog-field (consult-info-2) :new-consult-explanation-of-procedure-codes-value (quote ,explanation-of-procedure-codes)))
      ;(eval `(set-dialog-field (consult-info-2) :new-consult-recommended-consultants-value (quote ,recommended-consultants)))
      ;(eval `(set-dialog-field (consult-info-2) :new-consult-explanation-of-recommended-consultants-value (quote ,explanation-of-recommended-consultants)))
      ;(eval `(set-dialog-field (consult-info-2) :new-consult-diagnosis-value (quote ,diagnosis)))
      ;(eval `(set-dialog-field (consult-info-2) :new-consult-suggested-treatment-value (quote ,suggested-treatment)))
      ;(eval `(set-dialog-field (consult-info-2) :new-consult-specialist-id-value (quote ,specialist-id)))
      ;(eval `(set-dialog-field (consult-info-2) :new-consult-specialist-rank-value (quote ,specialist-rank)))
      ;(eval `(set-dialog-field (consult-info-2) :specialist-firstname-value (quote ,specialist-firstname)))
      ;(eval `(set-dialog-field (consult-info-2) :specialist-lastname-value (quote ,specialist-lastname)))
      ;(eval `(set-dialog-field (consult-info-2) :specialist-location-value (quote ,specialist-location)))
      ;(eval `(set-dialog-field (consult-info-2) :new-consult-date-of-visit-by-specialist-value (quote ,date-of-visit-by-specialist)))
      (eval `(set-dialog-field (consult-info-2) :new-consult-urgency-value (quote ,urgency)))
      (eval `(set-dialog-field (consult-info-2) :new-consult-modality-value (quote ,modality)))
      )))
;(close (patient-info))
(select-window (consult-info-2))
t)
```

;;; location-information.lsp

```
(setq locations '(("Hospital" "Army" "US_Army_Hospital-Heidelberg" "Heidelberg" "" "APO AE 09102 " "" "FRG" "49.41666667" "-8.716666667" '("Audio/Video" "Store/Forward" "Email"))
                  ("Hospital" "Army" "US_Army_Hospital-Wurzburg" "Wurzburg" "" "APO AE 09244 " "" "FRG" "49.8" "-9.933333333" '("Audio/Video" "Store/Forward" "Email"))
                  ("Hospital" "" "Landstuhl_Regional_Medical_Center" "Landstuhl" "" "APO AE 09180 " "" "FRG" "49.42" "-7.57" '("Store/Forward" "Email"))
                  ("Hospital" "" "52_Medial_Group" "Bitberg" "" "APO AE 09126" "3690" "FRG" "49.58" "-6.31")
                  ("Clinic" "Army" "Augsburg" "Augsburg" "" "APO AE 09178 " "" "FRG" "" "")
                  ("Clinic" "Army" "Babenhausen" "Babenhausen" "" "APO AE 09089 " "" "FRG" "49.57" "-8.56")
                  ("Clinic" "Army" "Bad_Aibling" "Bad Aibling" "" "APO AE 09098 " "" "FRG" "47.52" "-12")
                  ("Clinic" "Army" "Bad_Kreuznach" "Bad Kreuznach" "" "APO AE 09252 " "" "FRG" "49.52" "-7.51")
                  ("Clinic" "Army" "Bamberg" "Bamberg" "" "APO AE 09139 " "" "FRG" "49.88333333" "-10.88333333" '("Audio" "Store/Forward" "Email"))
                  ("Clinic" "Army" "Baumholder" "Baumholder" "" "APO AE 09034 " "" "FRG" "49.61666667" "-7.033333333" '("Audio/Video" "Store/Forward" "Email"))
                  ("Clinic" "Army" "Buedingen" "Buedingen" "" "APO AE 09076 " "" "FRG" "49.61666667" "-7.033333333")
                  ("Clinic" "Army" "Butzbach" "Butzbach" "" "APO AE 09045 " "" "FRG" "" "")
                  ("Clinic" "Army" "Darmstadt" "Darmstadt" "" "APO AE 09175 " "" "FRG" "50" "-8.4")
                  ("Clinic" "Army" "Dexheim" "Dexheim" "" "APO AE 09111 " "" "FRG" "" "")
                  ("Clinic" "Army" "Friedberg" "Friedberg" "" "APO AE 09074 " "" "FRG" "50.2" "-8.45")
                  ("Clinic" "Army" "Giebelstadt" "Giebelstadt" "" "APO AE 09182 " "" "FRG" "49.65" "-9.93")
                  ("Clinic" "Army" "Graffenwoehr" "Graffenwoehr" "" "APO AE 09114 " "" "FRG" "49.43" "-11.54")
                  ("Clinic" "Army" "Hanau" "Hanau" "" "APO AE 09165 " "" "FRG" "50.13333333" "-8.916666667" '("Audio/Video" "Email"))
                  ("Clinic" "Army" "Hohenfels" "Hohenfels" "" "APO AE 09173 " "" "FRG" "49.12" "-11.51")
                  ("Clinic" "Army" "Illesheim" "Illesheim" "" "APO AE 09264 " "" "FRG" "49.31" "-10.25")
                  ("Clinic" "Army" "Katterbach" "Katterbach" "" "APO AE 09250 " "" "FRG" "49.17" "-10.34" '("Store/Forward" "Email"))
                  ("Clinic" "Army" "Kitzingen" "Kitzingen" "" "APO AE 09031 " "" "FRG" "49.5" "-10.2")
                  ("Clinic" "Army" "Mannheim" "Mannheim" "" "APO AE 09166 " "" "FRG" "49.29" "-8.29")
                  ("Clinic" "Army" "Sandhofen" "Sandhofen" "" "APO AE 09028 " "" "FRG" "" "")
                  ("Clinic" "Army" "Schweinfurt" "Schweinfurt" "" "APO AE 09033 " "" "FRG" "50.03" "-10.14")
                  ("Clinic" "Army" "Stuttgart" "Stuttgart" "" "APO AE 09154 " "" "FRG" "48.46" "-9.11")
                  ("Clinic" "Army" "Wiesbaden" "Wiesbaden" "" "APO AE 09096 " "" "FRG" "50.05" "-8.14" '("Audio/Video" "Store/Forward" "Email"))
                  ("Clinic" "Air Force" "470_Medical_Flight" "Geilenkirchen" "" "APO AE 09104" "8030" "FRG" "" "")
                  ("Clinic" "Air Force" "86_Medical_Group" "Ramstein" "" "APO AE 09094" "3215" "FRG" "49.26" "-7.46")
                  ("Clinic" "Air Force" "469_Medical_Flight" "Rhein-Main" "" "APO AE 09050" "8490" "FRG" "" "")
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;;; specialist-information.lsp

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                    ("103"    "Wurzburg"          '(D0501 D3330 D5922 D6010 D7110 D7220 D7230 D7240 D7241 D7286 D7450 D7451 D7460 D7880 D7899 D7940 D7945 D7947 D7948 D7999 D9241)
          '(D7110 D7120 D7220 D7230 D7240 D7280)  '(D7220 D7241)      '(521.4 522.8 524.3)          '(522.8)  "Oral_Surgery"      '(1594 1596 1625 1631 1632 1634 1644 1645 1646
1647 1648 1653 1676 1682 1684 1685 1687 1689 1690 1694 1697 1701 1703 1711 1712 1713 1714 1715 1717 1718 1720 1721 1722 1726 1746 1758 1824 1850 1852 1871 1877 1883 1893 1912 1927
1930 1932 1977 1998 2002 2004 2007 2012 2018 2022 2023 2024 2032 2035 2044 2051 2176 2204) "CSH-5")
                    ("119"    "Leighton"          '(D7230 D8040 D8070 D8080 D8090 D8210 D8660)      '(D7310 D7480 D7680 D8660)    '(D7310)  '(520.6 521.4 524.01 524.3)   '(524.3)
          "Orthodontics"      '(1595 1626 1627 1628 1664 1665 1739 1743 1744 1745 1767 1814 1820 1826 1884 2053 2147 2207 2232 2262 2382 2423 2436 2454) "CSH-6")
                    ("122"    "Leighton"          '(D7110 D7450 D8660)          ""        ""        '(595.3)  ""        "Pediatric_Dentistry"         '(1658 1842 1990 1999) "CSH-
6")
                    ("132"    "Vilseck" '(D2120 D3351 D7230 D8020 D8060)        ""        ""        '(520.6 521.0 524.3 524.4)    ""        "Pediatric_Dentistry"         '(1655
1691 1778 1979 2045 2046 2047 2050 2067 2197 2276 2338 2339 2349 2431) "CSH-7")
                    ("143"    "Bamberg" '(D8040 D8060)      ""        ""        ""        ""        "Orthodontics"      '(1639 2388) "CSH-8")
                    ("145"    "Vilseck" '(D8080 D8090 D8660 D8690 D8860)        ""        ""        '(520.6 524.3)      ""        "Orthodontics"      '(1660 1661 1671 1674 1675
1692 1702 1872 1873 1878 1882 1969 1997 2000 2031 2043 2148 2236 2267 2268 2277 2279 2280 2281 2293 2304 2307 2313 2329 2342 2344 2359 2362 2386 2401 2432 2433 2440 2441) "CSH-7")
                    ("154"    "Katterbach"        '(D8040 D8060 D8660)          '(D4249)  ""        ""        ""        "Orthodontics"      '(1638 1641 1670 1680 1681 1937 1938
2072 2261) "CSH-9")
                    ("156"    "WRAMC"    '(D7250 D7286 D7410 D7430)    '(D7286)  ""        '(078.11 102.3 112.0 228.09 529.1 529.6 628.6 686.1 697.0 730.20)     ""
          "Oral_Pathology"    '(1598 1610 1611 1615 1616 1617 1618 1619 1621 1622 1624 1633 1636 1662 1667 1673 1699 1705 1716 1759 1770 1831 1832 1856 1857 1915 1918 1942 2005
2017 2028 2057 2079 2156 2183 2205) "CSH-10")
                    ("177"    "Wiesbaden"         '(D9230)  ""        ""        ""        ""        "Pediatric_Dentistry"         '(2200 2203 2212) "CSH-11")
                    ("182"    "Landstuhl"         '(D5958 D7110 D7230 D7460 D7980 D9310 D9430)      '(D9241)  ""        '(521.4)  ""        "Oral_Surgery"      '(1654 2061 2131
2201 2233 2234 2259 2308 2465) "CSH-12")
                    ("186"    "Vogelweh"          '(D0140 D2750) "" ""          '(523.2)  ""        "Prosthodontics"    '(2186 2191 2220) "CSH-13")
                    ("203"    "Vogelweh"          '(D0150 D4240 D4249 D4273 D4341 D7286)  '(D4263)  '(D4266)  ""        ""        "Periodontics"      '(2184 2185 2187 2239 2240
2264 2266 2294 2318 2414 2463) "CSH-13")
                    ("207"    "Landstuhl"         '(D7230 D7285 D9241)          '(D7230)  ""        ""        ""        "Oral_Surgery"      '(2208 2241 2243 2247) "CSH-12")
                    ("218"    "Fort Gordon"       '(D0140 D2750)      "" "" "" ""           "Prosthodontics"    '(1620 1649) "CSH-14")
                    ("219"    "Fort Gordon"       '(D0140) "" "" "" "" "Prosthodontics"   '(1909 2300) "CSH-14")
                    ("225"    "Rota"    '(D9241)  ""        ""        ""        ""        "Oral_Surgery"      '(1651) "CSH-15")
                    ("230"    "Rota"    '(D7286)  ""        ""        '(529.6)  ""        "Oral_Pathology"    '(1760) "CSH-15")
                    ("278"    "Leighton"          '(D0150 D3410 D4210 D4249 D4271 D4341 D4910)      '(D4211 D4240 D4245 D7960)    '(D4263)  '(523.3)  ""        "Periodontics"
          '(1695 1696 1698 1704 1724 1728 1750 1777 1825 1830 1839 1916 1922 1940 1992 1993 2008 2019 2026 2098 2162 2218 2225 2228 2251 2252 2305 2314 2326 2333 2334 2335 2352
2360 2363 2377 2380 2387 2419 2429 2474 2477) "CSH-6")
                    ("283"    "Lakenheath"        '(D6090)  ""        ""        ""        ""        "Prosthodontics"    '(1874 1885) "CSH-16")
                    ("291"    "Lakenheath"        '(D3331)  ""        ""        '(522.6)  ""        "Endodontics"       '(1672 1858) "CSH-16")
                    ("295"    "Lakenheath"        '(D7240)  ""        ""        ""        ""        "Oral_Surgery"      '(1700) "CSH-16")
                    ("297"    "Landstuhl"         ""        ""        ""        ""        ""        "Oral_Pathology"    '(1740 1764 2249 2296 2327 2328 2447 2450 2457 2466 2485
2486) "CSH-12")
                    ("300"    "Leighton"          '(D0140 D0150 D0160 D2710 D3320 D4249 D5110 D5213 D6090)    '(D0140 D0150 D2710 D2960 D3330 D5110 D5212 D5214 D6211 D6212)
          '(D4249)  '(523.4)  ""        "Prosthodontics"    '(1707 1752 1756 1769 1772 1776 1781 1811 1821 1838 1845 1908 1910 1921 1923 1972 1980 1987 1991 1994 1995 1996 2010
2013 2068 2071 2161 2167 2168 2177 2202 2209 2215 2219 2235 2238 2246 2250 2255 2270 2274 2311 2315 2331 2343 2347 2348 2353 2357 2366 2372 2373 2374 2375 2385 2406 2481) "CSH-6")
                    ("303"    "Wurzburg"          '(D0150 D6010 D7110 D7130 D7220 D7230 D7240 D7241 D7250 D7280 D7286 D7450 D7451 D7460 D7461 D7852 D7870 D7880 D7899 D7946 D7948
D7980 D9241)        '(D6010 D7110 D7120 D7210 D7220 D7230 D7280 D7281 D7286 D7450 D9241)  '(D5982 D7110 D7120 D7220 D7230 D7241 D7280 D7281)          '(172.00 520.1)     ""
          "Oral_Surgery"      '(1749 1751 1754 1755 1761 1766 1768 1773 1775 1827 1836 1853 1866 1867 1889 1907 1911 1929 1935 1936 1939 1970 1976 1982 1983 1986 2001 2016 2020
2027 2036 2042 2054 2055 2056 2058 2070 2083 2152 2158 2164 2170 2188 2196 2199 2213 2226 2227 2230 2242 2257 2258 2263 2283 2286 2292 2302 2303 2310 2316 2322 2324 2330 2332 2354
2361 2365 2371 2376 2378 2412 2421 2435 2448 2451) "CSH-5")
                    ("304"    "WRAMC"     '(D0140 D0150 D0160 D6750) '(D5860 D6210) "" '(523.3) "" "Prosthodontics" '(1742 1747 1926 2166 2171 2178 2389) "CSH-10")
                    ("305"    "Leighton"          '(D8090 D8660)      ""        ""        ""        ""        "Orthodontics"      '(1968 1981 2011 2244 2282 2321) "CSH-6")
                    ("362"    "Baumholder"        '(D3220 D3310)      ""        ""        ""        ""        "Endodontics"       '(2231 2312) "CSH-17")
                    ("364"    "Pentagon"          '(D3346)  ""        ""        ""        ""        "Endodontics"       '(2180) "CSH-18")
```

```
          ("366"    "Bethesda"          '(D7286 D7410)      '(D7286)  ""        '(697.0 102.3)      ""        "Oral_Pathology"    '(2340 2272 2390) "CSH-19")
          ("369"    "Wurzburg"          '(D4249 D6199 D7110 D7220 D7230 D7240 D7430 D7450 D7451 D7960 D9241)  '(D7240 D7280 D9241)          '(D711)   ""        ""
"Oral_Surgery"     '(2248 2260 2295 2306 2319 2320 2323 2346 2351 2355 2356 2367 2368 2379 2413 2415 2434 2455 2467) "CSH-5")
          ("370"    "Leighton"          '(D3220 D3330 D3347 D3348 D3421)        '(D311)   ""        '(522.1 522.5 522.6 522.9)    '(522.1 522.6)      "Endodontics"
'(2341 2369 2370 2381 2384 2420 2430 2437) "CSH-6")
          ("378"    "Fort Eustis"       '(D4273 D4341 D6020 D7286)    '(D4273)  ""        ""        ""        "Periodontics"      '(2396 2410 2411 2443 2445 2461) "CSH-
2")
          ))
```

;;; city-location.lsp

```
(setq city-location
      '(("Fort Eustis" MCDONALD_ARMY_COMMUNITY_HOSPITAL*_FORT_EUSTIS)
        ("Silver Spring" NAVSWC_WHITE_OAK*_SILVER_SPRING)
        ("Andrews AFB" 89_MEDICAL_GROUP)
        ("Bolling AFB" 11_MEDICAL_GROUP)
        ("Andrews AFB" NAF_ANDREWS_AFB)
        ("Aberdeen" KIRK_ARMY_HEALTH_CLINIC*_ABERDEEN_PROVING_GROUND)
        ("Aberdeen" EDGEWOOD_AREA*_ABERDEEN_PROVING_GROUND)
        ("Accotink" DAVISON_US_ARMY_AIRFIELD*_ACCOTINK)
        ("Anchorage" US_ARMY_TROOP_MEDICAL_CLINIC*_FORT_RICHARDSON)
        ("Annapolis" USNA_BANCROFT_HALL*_ANNAPOLIS)
        ("Annapolis" NAVAL_MEDICAL_CLINIC*_ANNAPOLIS)
        ("Arlington" NAVY_BRANCH_CLINIC*_ARLINGTON_ANNEX)
        ("Augsburg" AUGSBURG)
        ("Aviano" 31_MEDICAL_GROUP)
        ("Babenhausen" BABENHAUSEN)
        ("Bad Aibling" BAD_AIBLING)
        ("Bad Kreuznach" BAD_KREUZNACH)
        ("Bamberg" BAMBERG)
        ("Baumholder" BAUMHOLDER)
        ("Bethesda" NAVAL_HOSPITAL)
        ("Bethesda" NSRDC_CARDEROCK*_BETHESDA)
        ("Big Delta" US_ARMY_HEALTH_CLINIC*_FORT_GREELY)
        ("Bitberg" 52_MEDICAL_GROUP)
        ("Bowling Green" FORT_A.P._HILL*_BOWLING_GREEN)
        ("Brawdy" USNAVFAC_BRAWDY)
        ("Buedingen" BUEDINGEN)
        ("Butzbach" BUTZBACH)
        ("Chesapeake" NALF_FENTRESS)
        ("Chesapeake" NAVRADSTA*_NORTHWEST_CHESAPEAKE)
        ("Croughton" 603_CS/MEDICAL_AID_STATION)
        ("Curtis Bay" US_COAST_GUARD_YARD_CLINIC*_CURTIS_BAY)
        ("Dahlgren" NAVSWC_DAHLGREN) ("Darmstadt" DARMSTADT)
        ("Davis-Monthan AFB" 355_MEDICAL_GROUP)
        ("Dexheim" DEXHEIM)
        ("Dha Hran" US_ARMY_HEALTH_CLINIC*_DHA_HRAN)
        ("Edzell" US_NAVAL_BRANCH_MEDICAL_CLINIC*_EDZELL)
        ("Eielson AFB" 354_MEDICAL_GROUP)
        ("Elmendorf AFB" 3_MEDICAL_GROUP)
        ("Fairbanks" BASSETT_ARMY_COMMUNITY_HOSPITAL*_FORT_J._M._WAINWRIGHT)
        ("Fort Belvoir" DEWITT_ARMY_HOSPITAL*_FORT_BELVOIR)
        ("Fort Lee" KENNER_ARMY_CLINIC*_FORT_LEE)
        ("Fort Myer" ANDREW_RADER_US_ARMY_HEALTH_CLINIC*_FORT_MYER)
        ("Fort Detrick" FORT_DETRICK)
        ("Fort Campbell" FORT_CAMPBELL)
        ("Fort Gordon" FORT_GORDON)
        ("Friedberg" FRIEDBERG)
        ("Gaeta" USNAVSUPPACT_DET*_GAETA)
        ("Garmisch" GARMISCH)
        ("Geilenkirchen" 470_MEDICAL_FLIGHT)
        ("Giebelstadt" GIEBELSTADT)
        ("Graffenwoehr" GRAFFENWOEHR)
        ("Guam" GUAM)
        ("Hampton" FORT_MONROE*_HAMPTON) ("Hanau" HANAU)
        ("Heidelberg" US_ARMY_HOSPITAL-HEIDELBERG)
        ("Hickam" 15_MEDICAL_GROUP)
        ("Hilo" US_ARMY_TROOP_MEDICAL_CLINIC*_POHAKULOA_TRAINING_AREA)
        ("Hohenfels" HOHENFELS)
        ("Honolulu" US_ARMY_HEALTH_CLINIC*_SCHOFIELD_BARRACKS*HONOLULU*OAHU)
        ("Honolulu" TRIPLER_ARMY_MEDICAL_CENTER)
        ("Honolulu" US_COAST_GUARD_BASE_CLINIC)
        ("Illesheim" ILLESHEIM)
        ("Incirlik" 39_MEDICAL_GROUP)
```

("Indian Head" NAVORDSTA_INDIAN_HEAD)
("Kaiserslautern" DETACHMENT_LANDSTUHL*_LANDSTUHL_ARMY_MEDICAL_CENTER*_2ND_GENERAL_HOSPITAL)
("Kaiserslautern" LANDSTUHL_REGIONAL_MEDICAL_CENTER)
("Katterbach" KATTERBACH)
("Keflavik" US_NAVAL_HOSPITAL_KEFLAVIK)
("Ketchikan" US_COAST_GUARD_BASE_CLINIC*_KETCHIKAN)
("Kilauea" US_ARMY_TROOP_MEDICAL_CLINIC*_KILAUEA_MILITARY_CAMP)
("Kitzingen" KITZINGEN)
("Kodiak" US_COAST_GUARD_SUPPORT_CENTER*_HEALTH_SERVICES_CLINIC*_KODIAK)
("Kuwait" Kuwait)
("Lakenheath" 48_MEDICAL_GROUP)
("LaMaddelena" USNAVSUPPO_LAMADDELENA*_SARDINIA)
("Landstuhl" Landstuhl_Regional_Medical_Center)
("Langley AFB" 1_MEDICAL_GROUP)
("Leighton" LEIGHTON)
("Little Creek" NAVPHIBASE_LITTLE_CREEK)
("Livorno" US_ARMY_HEALTH_CLINIC*_CAMP_DARBY*_LIVORNO)
("London" US_NAVAL_MEDICAL_CLINIC*_LONDON)
("Luke AFB" 56_MEDICAL_GROUP)
("Mannheim" MANNHEIM)
("Mons" SHAPE_HEALTH_CARE_FACILITY)
("Naples" US_NAVAL_HOSPITAL_NAPLES)
("Norfolk" NSC_DAM_NECK*_NORFOLK)
("Norfolk" NSC_WAREHOUSE_DISPENSARY_NORFOLK)
("Norfolk" HSA_CINCLANTFLT)
("Norfolk" DE-GAUSSING_FACILITY*_LAMBERT)
("Norfolk" NAVAL_SHIPYARD*_NORFOLK)
("Norfolk" ARF_DISPENSARY*_NAS_NORFOLK)
("Norfolk" SEWELLS_POINT_CLINIC*_NAVSTA)
("Norfolk" LAFAYETTE_RIVER*_NORFOLK)
("Norfolk" NAVY_MEDICAL_CLINIC*_NORFOLK)
("Oahu" MCAS_KANEOHE_BAY)
("Oahu" NAVAL_BRANCH_MEDICAL_CLINIC*_NAS_BARBERS_POINT)
("Oahu" NAVAL_MEDICAL_CLINIC*_PEARL_HARBOR)
("Oahu" MENTAL_HEALTH*_PEARL_HARBOR)
("Oahu" WESTLOCH*_PEARL_HARBOR)
("Oahu" NAVSHIPYD_PEARL_HARBOR)
("Oahu" NAVMAG_LUALUALEI)
("Oahu" NAVCAMS_EASTPAC*_HONOLULU*_WAHIAWA)
("Oceana" NAS_OCEANA)
("Odenton" KIMBROUGH_ARMY_COMMUNITY_CLINIC*_FORT_MEADE)
("Patuxent River" NAVAL_CLINIC*_PATUXENT_RIVER)
("Pentagon" PENTAGON)
("Pirmasens" DETACHMENT_PIRMASENS*_US_ARMY_MEDICAL_MATERIAL_CENTER_EUROPE)
("Pittsburgh" pittsburgh-pa)
("Portsmouth" NAVSHIPYD_PORTSMOUTH)
("Portsmouth" NAVAL_MEDICAL_CENTER*_PORTSMOUTH)
("Portsmouth" US_COAST_GUARD_SUPP)
("Quantico" TBS_QUANTICO)
("Quantico" BROWN_FIELD*_QUANTICO)
("Quantico" OCS_CAMP_UPHUR*_QUANTICO)
("Quantico" CGMCDEC_MANN_HALL*_QUANTICO)
("Quantico" NAVY_MEDICAL_CLINIC*_QUANTICO)
("Ramstein" 86_MEDICAL_GROUP)
("Rhein-Main" 469_MEDICAL_FLIGHT)
("Rota" US_NAVAL_HOSPITAL*_ROTA)
("Sandhofen" SANDHOFEN)
("Schweinfurt" SCHWEINFURT)
("Sierra Vista" RAYMOND_W._BLISS_ARMY_COMMUNITY_HOSPITAL*_FT._HUACHUCA)
("Sigonella" US_NAVAL_BRANCH_HOSPITAL*_USNAF_SIGONELLA*_SICILY)
("Sitka" US_COAST_GUARD_AIR_STATION_CLINIC*_SITKA)
("Souda Bay" NAVAL_BRANCH_MEDICAL_CLINIC*_USNAVSUPPFAC_SOUDA_BAY*_CRETE)
("St. Mawgan" US_NAVAL_BRANCH_CLINIC*_ST._MAWGAN)
("Stuttgart" STUTTGART)
("Upwood" 423_MED_FLIGHT)
("Vicenza" US_ARMY_HEALTH_CLINIC*_VICENZA)

```
        ("Vilseck" VILSECK)
        ("Virginia Beach" FORT_STORY*_VIRGINIA_BEACH)
        ("Virginia Beach" DAM_NECK_BASE*_VIRGINIA_BEACH)
        ("Vogelweh" VOGELWEH)
        ("Washington" NAF)
        ("Washington" NAVSECSTA)
        ("Washington" NAVY_YARD)
        ("Washington" ARLINGTON_ANNEX)
        ("Washington" US_ARMY_HEALTH_CLINIC*_FORT_MCNAIR)
        ("Washington" CAMERON_STATION*_ALEXANDRIA)
        ("Washington" ARLINGTON_HALL_STATION*_ARLINGTON)
        ("WRAMC" WALTER_REED_ARMY_MEDICAL_CENTER)
        ("Washington" US_COAST_GUARD_CLINIC_HEADQUARTERS)
        ("Washington " NAVAL_RESEARCH_LABORATORY)
        ("Wiesbaden" DETACHMENT_WIESBADEN*_USAF_LINDSEY_AIR_STATION*_USAF_REGIONAL_MEDICAL_CENTER)
        ("Wiesbaden" WIESBADEN)
        ("Wurzburg" US_ARMY_HOSPITAL-WURZBURG)
        ("Wyman Park " UNIFORMED_SERVICES_MEDICAL_TREATMENT_FACILITY)
        ("Yorktown" WPNSTA_YORKTOWN)
        ("Yorktown" US_COAST_GUARD_RESERVE_TRAINING_CENTER_CLINIC)
        ("Yuma" NAVAL_BRANCH_MEDICAL_CLINIC*_MARINE_CORPS_AIR_STATION)
        ("Yuma" US_ARMY_HEALTH_CLINIC*_YUMA_PROVING_GROUND))
      )


(defun find-facilities (the-location)
  (remove nil
          (mapcar #'(lambda (x) (if (equal the-location (car x)) (cadr x))) city-location)
          :test #'equal))

(defun find-specialist-location (spec-id)
  (let ((spec-loc (location (eval spec-id))))
    (find-facilities spec-loc)))
```

;;; location-class.lsp

```
(defclass location
    ()
  ((printname :initarg :printname
              :initform ""
              :accessor printname)
   (list-of-instances :initarg :list-of-instances
                      :initform '()
                      :accessor list-of-instances
                      :allocation :class)
   (longitude :initarg :longitude
              :initform 0
              :accessor longitude)
   (latitude :initarg :latitude
             :initform 0
             :accessor latitude)
   (type-of-facility :initarg :type-of-facility
                     :initform ""
                     :accessor type-of-facility)
   (modality :initarg :modality
             :initform '()
             :accessor modality)
   (service :initarg :service
            :initform ""
            :accessor service)
   (name :initarg :name
         :initform ""
         :accessor name)
   (city :initarg :city
         :initform ""
         :accessor city)
   (state :initarg :state
          :initform ""
          :accessor state)
   (code1 :initarg :code1
          :initform ""
          :accessor code1)
   (code2 :initarg :code2
          :initform ""
          :accessor code2)
   (country :initarg :country
            :initform ""
            :accessor country)
   (current-location :initarg :current-location
                     :initform ""
                     :accessor current-location)
   ))


;;; latitude is North or South
;;; longitude is West or East

;;; North or West are positive
;;; South or East are negative

;(setq madrid-SP (make-instance 'location :longitude 0.064577182 :latitude 0.705694794))
;(setq wellington-NZ (make-instance 'location :longitude -3.050544644 :latitude -0.720530093))

(setq pittsburgh-pa (make-instance 'location :longitude "80" :latitude (princ-to-string (float (+ 40 (/ 26 60))))))
(setq Kuwait (make-instance 'location :longitude "-47.992" :latitude "29.324"))

(defun distance-between (lat1 long1 lat2 long2)
  (if (or (null lat1)
          (null long1)
```

```
          (null lat2)
          (null long2))
      nil
    (let* ((lat-city1 (/ (* lat1 pi) 180))
           (long-city1 (/ (* long1 pi) 180))
           (lat-city2 (* lat2 (/ pi 180)))
           (long-city2 (* long2 (/ pi 180)))
           (earth-radius 3963.205)
           (argument (+ (* (cos (- long-city1 long-city2)) (cos lat-city1) (cos lat-city2))
                        (* (sin lat-city1) (sin lat-city2)))))
      (* earth-radius (acos argument)))
    ))


(make-a-class-instance 'location 'temp-location)

(defun make-location (data-string)
  (let* ((type-of-facility (nth 0 data-string))
         (service (nth 1 data-string))
         (description (nth 2 data-string))
         (name (make-name-from-description description))
         (city (nth 3 data-string))
         (state (nth 4 data-string))
         (code1 (nth 5 data-string))
         (code2 (nth 6 data-string))
         (country (nth 7 data-string))
         (latitude (nth 8 data-string))
         (longitude (nth 9 data-string))
         (modality (nth 10 data-string)))
    (cond ((null (my-instancep (string-to-symbol name)))
           (make-a-class-instance 'location (string-to-symbol name))
           (setf (type-of-facility (eval (string-to-symbol name))) type-of-facility)
           (setf (service (eval (string-to-symbol name))) service)
           (setf (name (eval (string-to-symbol name))) description)
           (setf (city (eval (string-to-symbol name))) city)
           (setf (state (eval (string-to-symbol name))) state)
           (setf (code1 (eval (string-to-symbol name))) code1)
           (setf (code2 (eval (string-to-symbol name))) code2)
           (setf (country (eval (string-to-symbol name))) country)
           (setf (latitude (eval (string-to-symbol name))) latitude)
           (setf (longitude (eval (string-to-symbol name))) longitude)
           (setf (modality (eval (string-to-symbol name))) modality)
           (setf (current-location (eval (string-to-symbol name)))
             (if (equal (current-location (eval (string-to-symbol name))) "") city))
           )
          (t
           nil))))


(defun make-name-from-description (the-string)
  (let ((n (find-the-first-blank the-string)))
    (cond ((null n) the-string)
          (t
           (make-name-from-description
            (concatenate 'string (subseq the-string 0 (- n 1)) "_" (subseq the-string n))
            )))))


(mapc #'(lambda (x) (make-location x)) locations)


(defclass country-class
    ()
  ((printname :initarg :printname
```

```
            :initform ""
            :accessor printname)
   (list-of-instances :initarg :list-of-instances
                      :initform '()
                      :accessor list-of-instances
                      :allocation :class)
   (longitude :initarg :longitude
              :initform 0
              :accessor longitude)
   (latitude :initarg :latitude
             :initform 0
             :accessor latitude)
   (type-of-facility :initarg :type-of-facility
                     :initform ""
                     :accessor type-of-facility)
   (modality :initarg :modality
             :initform '()
             :accessor modality)
   (service :initarg :service
            :initform ""
            :accessor service)
   (name :initarg :name
         :initform ""
         :accessor name)
   (city :initarg :city
         :initform ""
         :accessor city)
   (state :initarg :state
          :initform ""
          :accessor state)
   (code1 :initarg :code1
          :initform ""
          :accessor code1)
   (code2 :initarg :code2
          :initform ""
          :accessor code2)
   (country :initarg :country
            :initform ""
            :accessor country)
   (current-location :initarg :current-location
                     :initform ""
                     :accessor current-location)
   ))

(defclass USA-forces (country-class)
  ((country :initarg :country
            :initform "USA"
            :accessor country)))

(defclass EUCOM (USA-forces)
  ())

(defclass USAREUR (EUCOM)
  ())


(defclass ERDC (USAREUR)
  ((type-of-facility :initarg :type-of-facility
                     :initform "clinic"
                     :accessor type-of-facility)))

(defclass ERMC (USAREUR)
  ((type-of-facility :initarg :type-of-facility
                     :initform "hospital"
                     :accessor type-of-facility)))
```

```
(defclass 5thCORPS (USAREUR)
  ())

(make-a-class-instance '5thCORPS 'temp-5thCORPS)

(mapc #'(lambda (x) (make-a-class-instance '5thCORPS x))
  '(CSH-1 CSH-2 CSH-3 CSH-4 CSH-5 CSH-6 CSH-7 CSH-8 CSH-9 CSH-10 CSH-11
          CSH-12 CSH-13 CSH-14 CSH-15 CSH-16 CSH-17 CSH-18 CSH-19 CSH-20
          CSH-21 CSH-22 CSH-23 CSH-24 CSH-25 CSH-26 CSH-27 CSH-28 CSH-29
          CSH-30 CSH-31 CSH-32 CSH-33 CSH-34 CSH-35 CSH-36 CSH-37 CSH-8 CSH-39))
```

;;; doctor-class.lsp

```
(defclass doctor
    ()

  ((printname :initarg :printname
              :initform ""
              :accessor printname)
   (list-of-instances :initarg :list-of-instances
                      :initform '()
                      :accessor list-of-instances
                      :allocation :class)
   (medical-group :initarg :medical-group
                  :initform ""
                  :accessor medical-group)
   (lastname :initarg :lastname
             :initform ""
             :accessor lastname)
   (firstname :initarg :firstname
              :initform ""
              :accessor firstname)
   (id :initarg :id
       :initform ""
       :accessor id)
   (location :initarg :location
             :initform ""
             :accessor location)
   (assignment :initarg :assignment
               :initform ""
               :accessor assignment)
   (cdts :initarg :cdts
         :initform '()
         :accessor cdts)
   (icd9s :initarg :icd9s
          :initform '()
          :accessor icd9s)
   (specialty :initarg :specialty
              :initform ""
              :accessor specialty)
   (consults :initarg :consults
             :initform '()
             :accessor consults)
   ))

(defclass specialist
    (doctor)
  ())


(defclass referring
    (doctor)
  ())

(make-a-class-instance 'specialist 'temp-specialist)

(defun make-specialist (data-string)
  (let* ((id-number (nth 0 data-string))
         (id (concatenate 'string "spec" id-number))
         (location (nth 1 data-string))
         (pcdt (nth 2 data-string))
         (pcdt (if (equal pcdt "") nil (eval pcdt)))
         (scdt (nth 3 data-string))
         (scdt (if (equal scdt "") nil (eval scdt)))
         (tcdt (nth 4 data-string))
         (tcdt (if (equal tcdt "") nil (eval tcdt)))
```

```
        (picd (nth 5 data-string))
        (picd (if (equal picd "") nil (eval picd)))
        (sicd (nth 6 data-string))
        (sicd (if (equal sicd "") nil (eval sicd)))
        (specialty (nth 7 data-string))
        (list-of-consults (nth 8 data-string))
        (list-of-consults (if (equal list-of-consults "") nil (eval list-of-consults)))
        (assignment (nth 9 data-string)))
    (cond ((null (my-instancep (string-to-symbol id)))
           (make-a-class-instance 'specialist (string-to-symbol id))
           (setf (id (eval (string-to-symbol id))) id-number)
           (setf (medical-group (eval (string-to-symbol id))) (car (find-facilities location)))
           (setf (location (eval (string-to-symbol id))) location)
           (setf (assignment (eval (string-to-symbol id))) assignment)
           (setf (cdts (eval (string-to-symbol id))) (remove-duplicates (append pcdt scdt tcdt) :test #'equal))
           (setf (icd9s (eval (string-to-symbol id))) (remove-duplicates (append picd sicd) :test #'equal))
           (setf (specialty (eval (string-to-symbol id))) specialty)
           (setf (consults (eval (string-to-symbol id))) list-of-consults)
           (let* ((medical-group (eval (medical-group (eval (string-to-symbol id)))))
                  (assignment (eval (string-to-symbol (assignment (eval (string-to-symbol id))))))
                  (location (city medical-group))
                  (latitude (latitude medical-group))
                  (longitude (longitude medical-group))
                  (current-location (current-location medical-group))
                  (service (service medical-group))
                  )
             (setf (name assignment) (assignment (eval (string-to-symbol id))))
             (setf (city assignment) location)
             (setf (latitude assignment) latitude)
             (setf (longitude assignment) longitude)
             (setf (current-location assignment) current-location)
             (setf (service assignment) service)))
           (t
           nil))))

(mapc #'(lambda (x) (make-specialist x)) specialists)
```

;; Code for the specialists-dialog :specialist-dialog

```
(in-package :common-graphics-user)

(defclass specialists-dialog (dialog)
  ((specialist-info-dialog
      :accessor specialist-info-dialog
      :initform nil)
   ))

(defun specialists-dialog-display-on-click (dialog widget)
  (declare (ignore-if-unused dialog widget))
  (let ((specialist-list nil))
      (setf specialist-list
        (find-widget :specialist-list dialog))
    (when (value specialist-list)
      (let* ((specialist-instance (eval (value specialist-list)))
             (specialist-id (id specialist-instance))
             (specialty (specialty specialist-instance))
             (list-of-consults (consults specialist-instance))
             (diagnostic-codes (icd9s specialist-instance))
             (procedure-codes (cdts specialist-instance))
             (specialist-assignment (string-to-symbol (assignment specialist-instance)))
             (specialist-location (if (equal (location specialist-instance) (city (eval specialist-assignment)))
                                      (location specialist-instance)
                                    (city specialist-assignment))))

        (eval `(set-dialog-field (specialist-info) :specialist-id-value (quote ,specialist-id)))
        (eval `(set-dialog-field (specialist-info) :doctor-specialty-value ,specialty))
        (setf specialist-list-of-consults
              (find-widget :specialist-list-of-consults (specialist-info)))
        (setf (range specialist-list-of-consults) list-of-consults)
        (setf specialist-list-of-icd9s (find-widget :specialist-list-of-icd9s (specialist-info)))
        (setf (range specialist-list-of-icd9s) diagnostic-codes)
        (setf specialist-list-of-cdts (find-widget :specialist-list-of-cdts (specialist-info)))
        (setf (range specialist-list-of-cdts) procedure-codes)
        (eval `(set-dialog-field (specialist-info) :specialist-location-value ,specialist-location))
        (set-dialog-field (specialist-info) :specialist-facility-value (car (find-facilities specialist-location)))
        (eval `(set-dialog-field (specialist-info) :specialist-assignment-value (quote ,specialist-assignment)))
        )))
  (close dialog)
  (select-window (specialist-info))
 t)
```

;; Code for the specialist-info :specialist-info

```
(in-package :common-graphics-user)

(defclass specialist-info (dialog)
  ())


(defun specialist-consult-info-on-click (dialog widget)
  (declare (ignore-if-unused dialog widget))
  (let ((consult-list nil))
      (setf consult-list
            (find-widget :specialist-list-of-consults (specialist-info)))
    (when (value consult-list)
      (let* ((consult-instance (eval (string-to-symbol (concatenate 'string "c" (princ-to-string (value consult-list))))))
             (consult-id (consult-number consult-instance))
             (patient-instance (eval (string-to-symbol (patient-name consult-instance))))
             (lastname (lastname patient-instance))
             (firstname (firstname patient-instance))
             (mi (mi patient-instance))
             (patient-id (id patient-instance))
             (dob (dob patient-instance))
             (sex (sex patient-instance))
             (military-status (princ-to-string (military-status patient-instance)))
             (military-rank (military-rank patient-instance))
             ;(phone-number (princ-to-string (phone-number patient-instance)))
             ;(home-phone-number (princ-to-string (home-phone-number patient-instance)))
             (chief-complaints (chief-complaints consult-instance))
             (history (history consult-instance))
             (exam-findings (exam-findings consult-instance))
             (provisional-diagnosis (provisional-diagnosis consult-instance))
             (referring-id (referring-id consult-instance))
             ;(referring-military-rank (referring-military-rank consult-instance))
             ;(referring-lastname (referring-lastname consult-instance))
             ;(referring-firstname (referring-firstname consult-instance))
             ;(referring-location (referring-location consult-instance))
             (date-of-request (date-of-request consult-instance))
             ;(date-of-request (if dor (string (date-from-universal-time
             ;                                  (encode-universal-time 0 0 0
             ;                                    (nth 0 dor)
             ;                                    (nth 1 dor)
             ;                                    (nth 2 dor) *time-zone*)))))
             ;(images (images consult-instance))
             (specialty (specialty consult-instance))
             (diagnostic-codes (list-to-string (diagnostic-codes consult-instance)))
             (procedure-codes (list-to-string (procedure-codes consult-instance)))
             ;(explanation-of-specialty (list-to-string (explanation-of-specialty consult-instance)))
             (explanation-of-diagnostic-codes (list-to-string (explanation-of-diagnostic-codes consult-instance)))
             (explanation-of-procedure-codes
              (let ((codes (procedure-codes consult-instance)))
                (list-to-string (mapcar #'(lambda (x) (concatenate 'string (string x) " - " (gethash (string-to-symbol x) cdt-hash-table))) codes))))
             ;(list-to-string (explanation-of-procedure-codes consult-instance)))
             ;(recommended-consultants (list-to-string (recommended-consultants consult-instance)))
             ;(explanation-of-recommended-consultants (list-to-string (explanation-of-recommended-consultants consult-instance)))
             (diagnosis (diagnosis consult-instance))
             (suggested-treatment (suggested-treatment consult-instance))
             (specialist-id (specialist-id consult-instance))
             (specialist-rank (specialist-rank consult-instance))
             ;(specialist-lastname (specialist-lastname consult-instance))
             ;(specialist-firstname (specialist-firstname consult-instance))
             (specialist-location (specialist-location consult-instance))
             (date-of-visit-by-specialist (date-of-visit-by-specialist consult-instance))
             (items (mapcar #'(lambda (x) (name x)) (dialog-items (consult-info-2))))
             )
```

```
        (eval `(set-dialog-field (consult-info) :firstname-value ,firstname))
        (eval `(set-dialog-field (consult-info) :mi-value ,mi))
        (eval `(set-dialog-field (consult-info) :lastname-value ,lastname))
        (eval `(set-dialog-field (consult-info) :patient-id-value ,patient-id))
        (eval `(set-dialog-field (consult-info) :dob-value (quote ,dob)))
        (if (equal sex "Male")
            (set-dialog-field (consult-info) :male t)
          (set-dialog-field (consult-info) :female t))
        (eval `(set-dialog-field (consult-info) :military-status-value (quote ,military-status)))
        (eval `(set-dialog-field (consult-info) :military-rank-value (quote ,military-rank)))
        ;(eval `(set-dialog-field (consult-info) :phone-number-value (quote ,phone-number)))
        ;(eval `(set-dialog-field (consult-info) :home-phone-number-value (quote ,home-phone-number)))
        (eval `(set-dialog-field (consult-info) :consult-id-value (quote ,consult-id)))
        (eval `(set-dialog-field (consult-info) :chief-complaints-value (quote ,chief-complaints)))
        (eval `(set-dialog-field (consult-info) :history-value (quote ,history)))
        (eval `(set-dialog-field (consult-info) :exam-findings-value (quote ,exam-findings)))
        (eval `(set-dialog-field (consult-info) :provisional-diagnosis-value (quote ,provisional-diagnosis)))
        (eval `(set-dialog-field (consult-info) :referring-id-value (quote ,referring-id)))
        ;(eval `(set-dialog-field (consult-info) :referring-military-rank-value (quote ,referring-military-rank)))
        ;(eval `(set-dialog-field (consult-info) :referring-lastname-value (quote ,referring-lastname)))
        ;(eval `(set-dialog-field (consult-info) :referring-firstname-value (quote ,referring-firstname)))
        ;(eval `(set-dialog-field (consult-info) :referring-location-value (quote ,referring-location)))
        (eval `(set-dialog-field (consult-info) :date-of-request-value (quote ,date-of-request)))
        (eval `(set-dialog-field (consult-info) :specialty-value (quote ,specialty)))
        (eval `(set-dialog-field (consult-info) :diagnostic-codes-value (quote ,diagnostic-codes)))
        (eval `(set-dialog-field (consult-info) :procedure-codes-value (quote ,procedure-codes)))
        ;(eval `(set-dialog-field (consult-info) :explanation-of-specialty-value (quote ,explanation-of-specialty)))
        (eval `(set-dialog-field (consult-info) :explanation-of-diagnostic-codes-value (quote ,explanation-of-diagnostic-codes)))
        (eval `(set-dialog-field (consult-info) :explanation-of-procedure-codes-value (quote ,explanation-of-procedure-codes)))
        ;(eval `(set-dialog-field (consult-info) :recommended-consultants-value (quote ,recommended-consultants)))
        ;(eval `(set-dialog-field (consult-info) :explanation-of-recommended-consultants-value (quote ,explanation-of-recommended-consultants)))
        (eval `(set-dialog-field (consult-info) :diagnosis-value (quote ,diagnosis)))
        (eval `(set-dialog-field (consult-info) :suggested-treatment-value (quote ,suggested-treatment)))
        (eval `(set-dialog-field (consult-info) :specialist-id-value (quote ,specialist-id)))
        (eval `(set-dialog-field (consult-info) :specialist-rank-value (quote ,specialist-rank)))
        ;(eval `(set-dialog-field (consult-info) :specialist-firstname-value (quote ,specialist-firstname)))
        ;(eval `(set-dialog-field (consult-info) :specialist-lastname-value (quote ,specialist-lastname)))
        (eval `(set-dialog-field (consult-info) :specialist-location-value (quote ,specialist-location)))
        (eval `(set-dialog-field (consult-info) :date-of-visit-by-specialist-value (quote ,date-of-visit-by-specialist)))
        )))
  ;(close (specialist-info))
  (select-window (consult-info))
  t)

(defun specialist-dialog-display-location-on-click (dialog widget)
  (declare (ignore-if-unused dialog widget))
  (let* ((location-instance (eval (dialog-field (specialist-info) :specialist-facility-value)))
         (facility-name (name location-instance))
         (latitude (latitude location-instance))
         (longitude (longitude location-instance))
         (service (service location-instance))
         (type (type-of-facility location-instance))
         (city (city location-instance))
         (deployment-location (if (equal city
                                         (current-location location-instance))
                                  city
                                (current-location location-instance)))
         (state (state location-instance))
         (country (country location-instance))
         (code1 (code1 location-instance))
         (code2 (code2 location-instance))
         (modality (modality location-instance)))
    (eval `(set-dialog-field (location-info) :facility-value (quote ,facility-name)))
    (eval `(set-dialog-field (location-info) :service-value (quote ,service)))
    (eval `(set-dialog-field (location-info) :type-value (quote ,type)))
```

```
    (eval `(set-dialog-field (location-info) :city-value (quote ,city)))
    (eval `(set-dialog-field (location-info) :latitude-value (quote ,latitude)))
    (eval `(set-dialog-field (location-info) :longitude-value (quote ,longitude)))
    (eval `(set-dialog-field (location-info) :state-value (quote ,state)))
    (eval `(set-dialog-field (location-info) :country-value (quote ,country)))
    (eval `(set-dialog-field (location-info) :code1-value (quote ,code1)))
    (eval `(set-dialog-field (location-info) :code2-value (quote ,code2)))
    (eval `(set-dialog-field (location-info) :deployment-location-value (quote ,deployment-location)))
    (eval `(setf (range (find-widget :modality-value (location-info))) ,modality))
    )
  ;(close dialog)
  (select-window (location-info))
  t)

(defun specialist-dialog-display-assignment-on-click (dialog widget)
  (declare (ignore-if-unused dialog widget))
  (let* ((location-instance (eval (dialog-field (specialist-info) :specialist-assignment-value)))
         (facility-name (name location-instance))
         (latitude (latitude location-instance))
         (longitude (longitude location-instance))
         (service (service location-instance))
         (type (type-of-facility location-instance))
         (city (city location-instance))
         (deployment-location (if (equal city
                                         (current-location location-instance))
                                  city
                                (current-location location-instance)))
         (state (state location-instance))
         (country (country location-instance))
         (code1 (code1 location-instance))
         (code2 (code2 location-instance))
         (modality (modality location-instance)))
    (eval `(set-dialog-field (location-info) :facility-value (quote ,facility-name)))
    (eval `(set-dialog-field (location-info) :service-value (quote ,service)))
    (eval `(set-dialog-field (location-info) :type-value (quote ,type)))
    (eval `(set-dialog-field (location-info) :city-value (quote ,city)))
    (eval `(set-dialog-field (location-info) :latitude-value (quote ,latitude)))
    (eval `(set-dialog-field (location-info) :longitude-value (quote ,longitude)))
    (eval `(set-dialog-field (location-info) :state-value (quote ,state)))
    (eval `(set-dialog-field (location-info) :country-value (quote ,country)))
    (eval `(set-dialog-field (location-info) :code1-value (quote ,code1)))
    (eval `(set-dialog-field (location-info) :code2-value (quote ,code2)))
    (eval `(set-dialog-field (location-info) :deployment-location-value (quote ,deployment-location)))
    (eval `(setf (range (find-widget :modality-value (location-info))) ,modality))
    )
  ;(close dialog)
  (select-window (location-info))
  t)
```

```
;;; locations-dialog.cl

(in-package :common-graphics-user)

(defclass locations-dialog (dialog)
  ((location-info-dialog
      :accessor location-info-dialog
      :initform nil)))

(defun locations-dialog-display-on-click (dialog widget)
  (declare (ignore-if-unused dialog widget))
  (let ((location-list nil))
      (setf location-list
        (find-widget :location-list dialog))
    (when (value location-list)
      (let* ((location-instance (eval (value location-list)))
             (facility-name (name location-instance))
             (latitude (latitude location-instance))
             (longitude (longitude location-instance))
             (service (service location-instance))
             (type (type-of-facility location-instance))
             (city (city location-instance))
             (deployment-location (if (equal city
                                             (current-location location-instance))
                                      city
                                    (current-location location-instance)))
             (state (state location-instance))
             (country (country location-instance))
             (code1 (code1 location-instance))
             (code2 (code2 location-instance))
             (modality (modality location-instance)))
        (eval `(set-dialog-field (location-info) :facility-value (quote ,facility-name)))
        (eval `(set-dialog-field (location-info) :service-value (quote ,service)))
        (eval `(set-dialog-field (location-info) :type-value (quote ,type)))
        (eval `(set-dialog-field (location-info) :city-value (quote ,city)))
        (eval `(set-dialog-field (location-info) :latitude-value (quote ,latitude)))
        (eval `(set-dialog-field (location-info) :longitude-value (quote ,longitude)))
        (eval `(set-dialog-field (location-info) :state-value (quote ,state)))
        (eval `(set-dialog-field (location-info) :country-value (quote ,country)))
        (eval `(set-dialog-field (location-info) :code1-value (quote ,code1)))
        (eval `(set-dialog-field (location-info) :code2-value (quote ,code2)))
        (eval `(set-dialog-field (location-info) :deployment-location-value (quote ,deployment-location)))
        (eval `(setf (range (find-widget :modality-value (location-info))) ,modality))
        )))
  ;(close dialog)
  (select-window (location-info))
  t)
```

;; Code for the dialog :yellow-pages

```
(in-package :common-graphics-user)

(defclass yellow-pages-dialog (dialog)
  ())


(defun yellow-pages-dialog-find-button-on-click (dialog widget)
  (declare (ignore-if-unused dialog widget))
  (if (equal (dialog-field dialog :yellow-pages-referring-location-value) "")
      nil
    (let* ((referring-location (dialog-field dialog :yellow-pages-referring-location-value))
           (all-facilities (find-facilities referring-location))
           (facilities (if (> (length all-facilities) 1) (list (car all-facilities)) all-facilities))
           (service (dialog-field dialog :yellow-pages-service-value))
           (modality (dialog-field dialog :yellow-pages-modality-value))
           (latitude (latitude (eval (car facilities))))
           (longitude (longitude (eval (car facilities))))
           (loc-latitude (if latitude (string-to-symbol latitude) (string-to-symbol (latitude pittsburgh-pa))))
           (loc-longitude (if longitude (string-to-symbol longitude) (string-to-symbol (longitude pittsburgh-pa))))
           (specialty (string (dialog-field dialog :yellow-pages-specialty-value)))
           (cdts (dialog-field dialog :yellow-pages-cdts-value))
           ;(specialty-from-cdts (member (specialty-type cdts)
           ;                             '("Endodontics" "Oral_Surgery" "Oral_Pathology" "Orthodontics"
           ;                               "Pediatric_Dentistry" "Periodontics" "Prosthodontics") :test #'equal))
           (specialists-list  (remove nil
                                      (mapcar #'(lambda (x) (if (equal specialty (specialty (eval x))) x))
                                        (remove 'temp-specialist (list-of-instances temp-specialist) :test #'equal))
                                      :test #'equal))
           (sort-by (cond ((dialog-field dialog :yellow-pages-distance-sort-button) "Distance")
                          ((dialog-field dialog :yellow-pages-experience-sort-button) "Experience")
                          ))
           (specialists (cond ((equal sort-by "Experience")
                               (if (equal cdts "")
                                   (bubble-sorter specialists-list #'(lambda (x) (length (consults (eval x)))) #'>=)
                                 (bubble-sorter specialists-list
                                                #'(lambda (x) (length (consults-with-specific-cdts (eval x) cdts)))
                                                #'>=)

                                 ))
                              ((equal sort-by "Distance")
                               (bubble-sorter specialists-list
                                              #'(lambda (x) (distance-between
                                                             loc-latitude
                                                             loc-longitude
                                                             (string-to-symbol (latitude (eval (string-to-symbol (assignment (eval x))))))
                                                             (string-to-symbol (longitude (eval (string-to-symbol (assignment (eval x)))))))
                                              #'<=))

                              ))

           (specialists-and-info (mapcar #'(lambda (x)
                                             (concatenate 'string
                                                 (printname (eval x)) ", "
                                                 (current-location (eval (string-to-symbol (assignment (eval x))))) ", "
                                                 (if (equal (string-trim '(#\Space) cdts) "")
                                                     (concatenate 'string "(" (princ-to-string (length (consults (eval x)))) " " (if (= (length (consults (eval x))) 1) "consult"
"consults") ")")
                                                   (list-to-string (consults-with-specific-cdts (eval x) cdts)))))
                                         specialists)))
      (setf yellow-pages-specialist-list
        (find-widget :yellow-pages-specialist-list dialog))
      (eval `(setf (range yellow-pages-specialist-list) (quote ,specialists-and-info)))))
  t)
```

```
(defun consults-with-specific-cdts (specialist cdt-string)
  (let* ((consult-list (mapcar #'(lambda (x) (string-to-symbol (concatenate 'string "c" (princ-to-string x))))
                       (consults specialist)))
         (cdt-lists  (remove nil
                             (mapcar #'(lambda (x) (list (string-trim '(#\Space) (list-to-string (procedure-codes (eval x)))))) consult-list)
                             :test #'equal))
         (position-of-cdts
          (remove nil (mapcar #'(lambda (x)
                                  (if (> (length (string-to-list cdt-string)) 1)
                                      (if (member cdt-string x :test #'equal) (position x cdt-lists))
                                    (if (member cdt-string (string-to-list (list-to-string x)) :test #'equal) (position x cdt-lists))))
                              cdt-lists) :test #'equal)))
    ;(pprint consult-list)
    ;(pprint cdt-lists)

    (mapcar #'(lambda (x) (nth x consult-list)) position-of-cdts)))



(defun yellow-pages-dialog-yellow-pages-location-value-on-change (widget new-value old-value)
  (declare (ignore-if-unused widget new-value old-value))
  (if (equal old-value new-value)
      nil
    (let* ((all-facilities (find-facilities new-value))
           (facilities (if (> (length all-facilities) 1) (list (car all-facilities)) all-facilities))
           (latitude (latitude (eval (car facilities))))
           (longitude (longitude (eval (car facilities)))))

      (eval `(set-dialog-field (yellow-pages-dialog) :yellow-pages-latitude-value ,latitude))
      (eval `(set-dialog-field (yellow-pages-dialog) :yellow-pages-longitude-value ,longitude))
      ))

  t) ; Accept the new value


(defun yellow-pages-dialog-yellow-pages-cdts-outline-on-double-click (dialog widget)
  (declare (ignore-if-unused dialog widget))
  (setf yellow-pages-cdts-outline widget)
  (let ((new-cdt (subseq (dialog-field dialog :yellow-pages-cdts-outline) 0 5))
        (old-cdts (dialog-field dialog :yellow-pages-cdts-value)))
  (set-dialog-field dialog :yellow-pages-cdts-value
                    (concatenate 'string old-cdts " " new-cdt)))
  t)



(defun yellow-pages-dialog-yellow-pages-specialist-list-on-double-click (dialog widget)
  (declare (ignore-if-unused dialog widget))
  (let ((specialist-list nil))
    (setf specialist-list
      (find-widget :yellow-pages-specialist-list dialog))
    (when (value specialist-list)
      (let* ((specialist-instance (eval (string-to-symbol
                                         (subseq (value specialist-list) 0 (search "," (value specialist-list))))))
             (specialist-id (id specialist-instance))
             (specialty (specialty specialist-instance))
             (list-of-consults (consults specialist-instance))
             (diagnostic-codes (icd9s specialist-instance))
             (procedure-codes (cdts specialist-instance))
             (specialist-assignment (string-to-symbol (assignment specialist-instance)))
             (specialist-location (if (equal (location specialist-instance) (city (eval specialist-assignment)))
                                      (location specialist-instance)
                                    (city specialist-assignment))))
```

```
      (eval `(set-dialog-field (specialist-info) :specialist-id-value (quote ,specialist-id)))
      (eval `(set-dialog-field (specialist-info) :doctor-specialty-value ,specialty))
      (setf specialist-list-of-consults
           (find-widget :specialist-list-of-consults (specialist-info)))
      (setf (range specialist-list-of-consults) list-of-consults)
      (setf specialist-list-of-icd9s (find-widget :specialist-list-of-icd9s (specialist-info)))
      (setf (range specialist-list-of-icd9s) diagnostic-codes)
      (setf specialist-list-of-cdts (find-widget :specialist-list-of-cdts (specialist-info)))
      (setf (range specialist-list-of-cdts) procedure-codes)
      (eval `(set-dialog-field (specialist-info) :specialist-location-value ,specialist-location))
      (set-dialog-field (specialist-info) :specialist-facility-value (car (find-facilities specialist-location)))
      (eval `(set-dialog-field (specialist-info) :specialist-assignment-value (quote ,specialist-assignment)))
      )))
;(close dialog)
(select-window (specialist-info))
t)
```

;; Code for the location-info :location-info

```
(in-package :common-graphics-user)
(defclass location-info (dialog)
  ())

(defun facility-save-information-on-click (dialog widget)
  (declare (ignore-if-unused dialog widget))

  (let* ((facility (dialog-field (location-info) :facility-value))
         (facility-symbol (string-to-symbol facility))
         (service (dialog-field (location-info) :service-value))
         (type (dialog-field (location-info) :type-value))
         (city (dialog-field (location-info) :city-value))
         (state (dialog-field (location-info) :state-value))
         (latitude (dialog-field (location-info) :latitude-value))
         (longitude (dialog-field (location-info) :longitude-value))
         (country (dialog-field (location-info) :country-value))
         (code1 (dialog-field (location-info) :code1-value))
         (code2 (dialog-field (location-info) :code2-value))
         (deployment-location (dialog-field (location-info) :deployment-location-value))
         (modality (dialog-field (location-info) :modality-value)))

    (if (not (member facility-symbol (list-of-instances temp-location)))

        (progn
          (make-a-class-instance 'location facility-symbol)
          (eval `(setf (service ,facility-symbol) (quote ,service)))
          (eval `(setf (type-of-facility ,facility-symbol) (quote ,type)))
          (eval `(setf (city ,facility-symbol) (quote ,city)))
          (eval `(setf (state ,facility-symbol) (quote ,state)))
          (eval `(setf (latitude ,facility-symbol) (quote ,latitude)))
          (eval `(setf (longitude ,facility-symbol) (quote ,longitude)))
          (eval `(setf (country ,facility-symbol) (quote ,country)))
          (eval `(setf (code1 ,facility-symbol) (quote ,code1)))
          (eval `(setf (code2 ,facility-symbol) (quote ,code2)))
          (eval `(setf (current-location ,facility-symbol) (quote ,deployment-location)))
          (eval `(setf (modality ,facility-symbol) (quote ,modality))))
      (progn
        (eval `(setf (service ,facility-symbol) (quote ,service)))
        (eval `(setf (type-of-facility ,facility-symbol) (quote ,type)))
        (eval `(setf (city ,facility-symbol) (quote ,city)))
        (eval `(setf (state ,facility-symbol) (quote ,state)))
        (eval `(setf (latitude ,facility-symbol) (quote ,latitude)))
        (eval `(setf (longitude ,facility-symbol) (quote ,longitude)))
        (eval `(setf (country ,facility-symbol) (quote ,country)))
        (eval `(setf (code1 ,facility-symbol) (quote ,code1)))
        (eval `(setf (code2 ,facility-symbol) (quote ,code2)))
        (eval `(setf (current-location ,facility-symbol) (quote ,deployment-location)))
        (eval `(setf (modality ,facility-symbol) (quote ,modality)))))
    )
  t)

(defun facility-close-button-on-click (dialog widget)
  (declare (ignore-if-unused dialog widget))

  (close (location-info))
  (select-window (tdent))

  t)

(defun facility-clear-form-button-on-click (dialog widget)
  (declare (ignore-if-unused dialog widget))

  (eval `(set-dialog-field (location-info) :facility-value ""))
```

```
  (eval `(set-dialog-field (location-info) :service-value ""))
  (eval `(set-dialog-field (location-info) :type-value ""))
  (eval `(set-dialog-field (location-info) :city-value ""))
  (eval `(set-dialog-field (location-info) :state-value ""))
  (eval `(set-dialog-field (location-info) :latitude-value ""))
  (eval `(set-dialog-field (location-info) :longitude-value ""))
  (eval `(set-dialog-field (location-info) :country-value ""))
  (eval `(set-dialog-field (location-info) :code1-value ""))
  (eval `(set-dialog-field (location-info) :code2-value ""))
  (eval `(set-dialog-field (location-info) :deployment-location-value ""))
  (eval `(set-dialog-field (location-info) :modality-value ""))

  t)
```

;; Code for the e-board :e-board

```
(in-package :common-graphics-user)

(defclass e-board (dialog)
  ())

(defun e-board-list-of-consults-on-double-click (dialog widget)
  (declare (ignore-if-unused dialog widget))
  (let ((consult-list nil))
    (setf consult-list (find-widget :e-board-list-of-consults (e-board)))
    (when (value consult-list)
      (let* ((consult-instance (eval (string-to-symbol (concatenate 'string "c" (subseq (value consult-list) 0 7)))))
             (consult-id (consult-number consult-instance))
             (patient-instance (eval (string-to-symbol (patient-name consult-instance))))
             (lastname (lastname patient-instance))
             (firstname (firstname patient-instance))
             (mi (mi patient-instance))
             (patient-id (id patient-instance))
             (dob (dob patient-instance))
             (ssn (ssn patient-instance))
             (sex (sex patient-instance))
             (military-status (princ-to-string (military-status patient-instance)))
             (military-rank (military-rank patient-instance))
             ;(phone-number (princ-to-string (phone-number patient-instance)))
             ;(home-phone-number (princ-to-string (home-phone-number patient-instance)))
             (chief-complaints (chief-complaints consult-instance))
             (history (history consult-instance))
             (exam-findings (exam-findings consult-instance))
             (provisional-diagnosis (provisional-diagnosis consult-instance))
             (referring-id (referring-id consult-instance))
             ;(referring-military-rank (referring-military-rank consult-instance))
             ;(referring-lastname (referring-lastname consult-instance))
             ;(referring-firstname (referring-firstname consult-instance))
             (referring-location (referring-location consult-instance))
             (date-of-request (date-of-request consult-instance))
             ;(date-of-request (if dor (string (date-from-universal-time
             ;                                  (encode-universal-time 0 0 0
             ;                                    (nth 0 dor)
             ;                                    (nth 1 dor)
             ;                                    (nth 2 dor) *time-zone*)))))
             ;(images (images consult-instance))
             (specialty (specialty consult-instance))
             (diagnostic-codes (list-to-string (diagnostic-codes consult-instance)))
             (procedure-codes (list-to-string (procedure-codes consult-instance)))
             ;(explanation-of-specialty (list-to-string (explanation-of-specialty consult-instance)))
             (explanation-of-diagnostic-codes (list-to-string (explanation-of-diagnostic-codes consult-instance)))
             (explanation-of-procedure-codes
              (let ((codes (procedure-codes consult-instance)))
                (list-to-string (mapcar #'(lambda (x) (concatenate 'string (string x) " - " (gethash (string-to-symbol x) cdt-hash-table))) codes))))
             ;(list-to-string (explanation-of-procedure-codes consult-instance)))
```

```
          ;(recommended-consultants (list-to-string (recommended-consultants consult-instance)))
          ;(explanation-of-recommended-consultants (list-to-string (explanation-of-recommended-consultants consult-instance)))
          (diagnosis (diagnosis consult-instance))
          (suggested-treatment (suggested-treatment consult-instance))
          (specialist-id (specialist-id consult-instance))
          (specialist-rank (specialist-rank consult-instance))
          ;(specialist-lastname (specialist-lastname consult-instance))
          ;(specialist-firstname (specialist-firstname consult-instance))
          (specialist-location (specialist-location consult-instance))
          (date-of-visit-by-specialist (date-of-visit-by-specialist consult-instance))
          ;(items (mapcar #'(lambda (x) (name x)) (dialog-items (consult-info))))
          (urgency (urgency consult-instance))
          (modality (modality consult-instance))
          )

      (eval `(set-dialog-field (consult-info-2) :new-consult-firstname-value ,firstname))
      (eval `(set-dialog-field (consult-info-2) :new-consult-mi-value ,mi))
      (eval `(set-dialog-field (consult-info-2) :new-consult-lastname-value ,lastname))
      (eval `(set-dialog-field (consult-info-2) :new-consult-patient-id-value ,patient-id))
      (eval `(set-dialog-field (consult-info-2) :new-consult-dob-value (quote ,dob)))
      (eval `(set-dialog-field (consult-info-2) :new-consult-ssn-value (quote ,ssn)))
      (if (equal sex "Male")
          (set-dialog-field (consult-info-2) :new-consult-male t)
        (set-dialog-field (consult-info-2) :new-consult-female t))
      (eval `(set-dialog-field (consult-info-2) :new-consult-military-status-value (quote ,military-status)))
      (eval `(set-dialog-field (consult-info-2) :new-consult-military-rank-value (quote ,military-rank)))
      ;(eval `(set-dialog-field (consult-info-2) :new-consult-phone-number-value (quote ,phone-number)))
      ;(eval `(set-dialog-field (consult-info-2) :new-consult-home-phone-number-value (quote ,home-phone-number)))
      (eval `(set-dialog-field (consult-info-2) :new-consult-id-value (quote ,consult-id)))
      (eval `(set-dialog-field (consult-info-2) :new-consult-chief-complaints-value (quote ,chief-complaints)))
      (eval `(set-dialog-field (consult-info-2) :new-consult-history-value (quote ,history)))
      (eval `(set-dialog-field (consult-info-2) :new-consult-exam-findings-value (quote ,exam-findings)))
      (eval `(set-dialog-field (consult-info-2) :new-consult-provisional-diagnosis-value (quote ,provisional-diagnosis)))
      (eval `(set-dialog-field (consult-info-2) :new-consult-referring-id-value (quote ,referring-id)))
      ;(eval `(set-dialog-field (consult-info-2) :new-consult-referring-military-rank-value (quote ,referring-military-rank)))
      ;(eval `(set-dialog-field (consult-info-2) :new-consult-referring-lastname-value (quote ,referring-lastname)))
      ;(eval `(set-dialog-field (consult-info-2) :new-consult-referring-firstname-value (quote ,referring-firstname)))
      (eval `(set-dialog-field (consult-info-2) :new-consult-referring-location-value (quote ,referring-location)))
      (eval `(set-dialog-field (consult-info-2) :new-consult-date-of-request-value (quote ,date-of-request)))
      (eval `(set-dialog-field (consult-info-2) :new-consult-specialty-value (quote ,specialty)))
      (eval `(set-dialog-field (consult-info-2) :new-consult-diagnostic-codes-value (quote ,diagnostic-codes)))
      (eval `(set-dialog-field (consult-info-2) :new-consult-procedure-codes-value (quote ,procedure-codes)))
      ;(eval `(set-dialog-field (consult-info-2) :new-consult-explanation-of-specialty-value (quote ,explanation-of-specialty)))
      (eval `(set-dialog-field (consult-info-2) :new-consult-explanation-of-diagnostic-codes-value (quote ,explanation-of-diagnostic-codes)))
      (eval `(set-dialog-field (consult-info-2) :new-consult-explanation-of-procedure-codes-value (quote ,explanation-of-procedure-codes)))
      ;(eval `(set-dialog-field (consult-info-2) :new-consult-recommended-consultants-value (quote ,recommended-consultants)))
      ;(eval `(set-dialog-field (consult-info-2) :new-consult-explanation-of-recommended-consultants-value (quote ,explanation-of-recommended-consultants)))
      ;(eval `(set-dialog-field (consult-info-2) :new-consult-diagnosis-value (quote ,diagnosis)))
      ;(eval `(set-dialog-field (consult-info-2) :new-consult-suggested-treatment-value (quote ,suggested-treatment)))
      ;(eval `(set-dialog-field (consult-info-2) :new-consult-specialist-id-value (quote ,specialist-id)))
      ;(eval `(set-dialog-field (consult-info-2) :new-consult-specialist-rank-value (quote ,specialist-rank)))
      ;(eval `(set-dialog-field (consult-info-2) :specialist-firstname-value (quote ,specialist-firstname)))
      ;(eval `(set-dialog-field (consult-info-2) :specialist-lastname-value (quote ,specialist-lastname)))
      ;(eval `(set-dialog-field (consult-info-2) :specialist-location-value (quote ,specialist-location)))
      ;(eval `(set-dialog-field (consult-info-2) :new-consult-date-of-visit-by-specialist-value (quote ,date-of-visit-by-specialist)))
      (eval `(set-dialog-field (consult-info-2) :new-consult-urgency-value (quote ,urgency)))
      (eval `(set-dialog-field (consult-info-2) :new-consult-modality-value (quote ,modality)))
      )))
(select-window (consult-info-2))
t)


t)
```

;; Code for the dialog :classify-dialogue

```
(in-package :common-graphics-user)

(defclass classify-dialog (dialog)
  ())


(defun menu-load-consults (dialog)
  (declare (ignore-if-unused dialog))
  (set-dialog-field (classify-dialog) :loading "Loading...")
  (load "E:/Working Files/Army/GGTS Development/Tdent/test-consults.cl")
  (set-dialog-field (classify-dialog) :loading "")
  t)


(defun classify-dialog-left-button-on-click (dialog widget)
  (declare (ignore-if-unused dialog widget))

  (if (> current-position 0) (decf current-position))
  (setq current-text (cddr (nth current-position test-consults)))
  (setq current-specialty (cadr (nth current-position test-consults)))
  (setq current-consult-id (car (nth current-position test-consults)))
  (set-dialog-field (classify-dialog) :consult-value (list-to-string current-text))
  (set-dialog-field (classify-dialog) :actual-specialty-value current-specialty)
  (set-dialog-field (classify-dialog) :predicted-specialty-value "")
  (set-dialog-field (classify-dialog) :class-scores-value "")
  (set-dialog-field (classify-dialog) :consult-number-value current-consult-id)

  t)


(defun classify-dialog-right-button-on-click (dialog widget)
  (declare (ignore-if-unused dialog widget))

  (if (< current-position (- (length test-consults) 1)) (incf current-position))
  (setq current-text (cddr (nth current-position test-consults)))
  (setq current-specialty (cadr (nth current-position test-consults)))
  (setq current-consult-id (car (nth current-position test-consults)))
  (set-dialog-field (classify-dialog) :consult-value (list-to-string current-text))
  (set-dialog-field (classify-dialog) :actual-specialty-value current-specialty)
  (set-dialog-field (classify-dialog) :predicted-specialty-value "")
  (set-dialog-field (classify-dialog) :class-scores-value "")
  (set-dialog-field (classify-dialog) :consult-number-value current-consult-id)

  t)


(defun classify-dialog-classify-button-on-click (dialog widget)
  (declare (ignore-if-unused dialog widget))
  (setq consult-value-list (string-to-clean-list (concatenate 'string (dialog-field (classify-dialog) :consult-value) " ENDOFSELECTION")))
  (setq spec-score-list (classify consult-value-list words data))

  (if (not (equal "" (string-trim '(#\Space) (dialog-field (classify-dialog) :consult-value))))
      (progn
        (setq class-string (classify-to-string consult-value-list)) ;(string-to-clean-list (concatenate 'string (dialog-field (classify-dialog) :consult-value) "
ENDOFSELECTION"))))
        (set-dialog-field (classify-dialog) :class-scores-value class-string)
        (set-dialog-field (classify-dialog) :predicted-specialty-value (string-to-symbol class-string)) ;(car (car (classify current-text words data))))

        (set-dialog-field (classify-dialog) :specialty1-value (car (car spec-score-list)))
        (setq sig-words (sig-words-to-string (car (car spec-score-list)) consult-value-list data))
```

```
        (setq sig-word-list (significant-words (car (car spec-score-list)) consult-value-list data))
        (set-dialog-field (classify-dialog) :sig-words-value-1 sig-words) ;(sig-words-to-string (car (car spec-score-list)) consult-value-list data))
        (set-dialog-field (classify-dialog) :num-sig-words-1-value (length sig-word-list))

        (set-dialog-field (classify-dialog) :specialty2-value (car (cadr spec-score-list)))
        (setq sig-words (sig-words-to-string (car (cadr spec-score-list)) consult-value-list data))
        (setq sig-word-list (significant-words (car (cadr spec-score-list)) consult-value-list data))
        (set-dialog-field (classify-dialog) :sig-words-value-2 sig-words) ;(sig-words-to-string (car (cadr spec-score-list)) consult-value-list data))
        (set-dialog-field (classify-dialog) :num-sig-words-2-value (length sig-word-list))

        (set-dialog-field (classify-dialog) :specialty3-value (car (caddr spec-score-list)))
        (setq sig-words (sig-words-to-string (car (caddr spec-score-list)) consult-value-list data))
        (setq sig-word-list (significant-words (car (caddr spec-score-list)) consult-value-list data))
        (set-dialog-field (classify-dialog) :sig-words-value-3 sig-words) ;(sig-words-to-string (car (caddr spec-score-list)) consult-value-list data))
        (set-dialog-field (classify-dialog) :num-sig-words-3-value (length sig-word-list))



       )
     (progn
       (set-dialog-field (classify-dialog) :class-scores-value "")
       (set-dialog-field (classify-dialog) :predicted-specialty-value "")
       )

     )
   t)




(defun classify-to-string (text)
  (setq return-string NIL)
  (setq spec-score-list (classify text words data))
  (dolist (spec spec-score-list)
    (setq return-string (concatenate 'string return-string (list-to-string spec) "
"))

    )
  return-string
  )


(defun clear-all-but-consult-value ()
  (set-dialog-field (classify-dialog) :specialty1-value "")
  (set-dialog-field (classify-dialog) :specialty2-value "")
  (set-dialog-field (classify-dialog) :specialty3-value "")
  (set-dialog-field (classify-dialog) :num-sig-words-1-value "")
  (set-dialog-field (classify-dialog) :num-sig-words-2-value "")
  (set-dialog-field (classify-dialog) :num-sig-words-3-value "")
  (set-dialog-field (classify-dialog) :sig-words-value-1 "")
  (set-dialog-field (classify-dialog) :sig-words-value-2 "")
  (set-dialog-field (classify-dialog) :sig-words-value-3 "")
  (set-dialog-field (classify-dialog) :class-scores-value "")
  (set-dialog-field (classify-dialog) :predicted-specialty-value "")
  (set-dialog-field (classify-dialog) :consult-number-value "")
  (set-dialog-field (classify-dialog) :actual-specialty-value "")
  )



(defun classify-dialog-consult-value-on-change-1 (widget new-value old-value)
  (declare (ignore-if-unused widget new-value old-value))
  (clear-all-but-consult-value)
  t) ; Accept the new value
```

```
(defun classify-dialog-load-consults-button-on-click (dialog widget)
  (declare (ignore-if-unused dialog widget))
  (set-dialog-field (classify-dialog) :loading "Loading...")
  (load "E:/Working Files/Army/GGTS Development/Tdent/test-consults.cl")
  (classify-dialog-left-button-on-click dialog widget)
  (set-dialog-field (classify-dialog) :loading "")
  t)
```

;;; classifier-code.lsp

```
;Bill Jacobs


;;;
;;; Training datasets.
;;;

(defstruct dataset
  (number-of-items       0)
  (classes               NIL)
  (class-counts          (make-hash-table :test #'eql))
  (words                 NIL)
  (class-word-counts     (make-hash-table :test #'equal))
)

(defun dataset-class-count (class dataset)
  (gethash class (dataset-class-counts dataset) 0)
)

(defun dataset-class-word-count (class word dataset)
  (gethash (list class word) (dataset-class-word-counts dataset) 0)
)

(defun item-class (item) (car item))

(defun item-text (item) (cdr item))

(defun read-item (stream)
  (read-from-string (concatenate 'string "(" (read-line stream NIL NIL) ")"))
)

(defun create-dataset (file)
  (with-open-file (ifile file)
    (do* ((ds (make-dataset))
          (item (read-item ifile) (read-item ifile))
          (class (item-class item) (item-class item))
          (text (item-text item) (item-text item))
         )
      ((null item) ds)
      (pushnew (item-class item) (dataset-classes ds) :test #'eql)
      (if (gethash (item-class item) (dataset-class-counts ds))
          (incf (gethash (item-class item) (dataset-class-counts ds)))
          (setf (gethash (item-class item) (dataset-class-counts ds)) 1)
      )
      (setq text (remove-duplicates text))
      (dolist (word text)
        (pushnew word (dataset-words ds))
        (if (gethash (list class word) (dataset-class-word-counts ds))
            (incf (gethash (list class word) (dataset-class-word-counts ds)))
            (setf (gethash (list class word) (dataset-class-word-counts ds)) 1)
        )
      )
      (incf (dataset-number-of-items ds))
;      (format t "~A " (dataset-number-of-items ds))
    ) ; do*
  ) ; with-open-file
) ; create-dataset


(defun class-prior (CLASS DATASET)
          (if (equal (dataset-number-of-items DATASET) 0)
                    0
                    (/ (dataset-class-count CLASS DATASET) (dataset-number-of-items DATASET))
```

```
        )
)


(defun class-posterior-with-word (CLASS WORD DATASET)
        (/ (+ (dataset-class-word-count CLASS WORD DATASET) 1)
           (+ (dataset-class-count CLASS DATASET) 2))
)

(defun class-posterior-without-word (CLASS WORD DATASET)
        (setq num-dont-use (- (dataset-class-count CLASS DATASET)
                              (dataset-class-word-count CLASS WORD DATASET)))
        (/ (+ num-dont-use 1) (+ (dataset-class-count CLASS DATASET) 2))
)


(defun class-score (CLASS ITEM WORD-LIST DATASET)
        (setq result NIL)
        (if (not (eql 0 (length ITEM))) (progn
                (setq result 0)
                (dolist (current ITEM)
                        (incf result (log (class-posterior-with-word CLASS current DATASET)))
                )

                (incf result (log (class-prior CLASS DATASET)))

                (setq result (/ result (length ITEM)))
                ;(format t "~A: ~A~%" class result)
        ))
        result
)


(defun all-scores (SENT DATA)
        (dolist (class (dataset-classes DATA))
                (format t "~A~%" class)
        )
        (dolist (word SENT)
                (format t "~A~%" word)
                (dolist (class (dataset-classes DATA))
                        (format t "~A~%" (class-score class (list word) (dataset-words DATA) DATA))
                )
        )
        (format t "CLASSIFIER SCORE~%")
        (classify SENT (dataset-words DATA) DATA)
)


(defun class-score-old (CLASS ITEM WORD-LIST DATASET)
        (setq result 0)
        (dolist (current WORD-LIST)
                (if (member current ITEM)
                        (incf result (log (class-posterior-with-word CLASS current DATASET)))
                        (incf result (log (class-posterior-without-word CLASS current DATASET)))
                )
        )

        (incf result (log (class-prior CLASS DATASET)))

        result
)



(defun classify (SENTENCE WORDS DATASET); MIN-PM)
```

```
        (setq MIN-PM 5)
        (setq prediction NIL)
        (setq maxScore -1000000)
        (setq maxClass NIL)
        (setq ass-list NIL)
        (dolist (currClass (dataset-classes DATASET))
                (setq score (class-score currClass SENTENCE (dataset-words DATASET) DATASET))
                (if score (progn
                        (push (list currClass score) ass-list)
                        (if (> score maxScore) (progn
                                (setq maxScore score)
                                (setq maxClass currClass)
                        ))
                ))
        )

        (setq tot 0)
        (dolist (class ass-list)
                (incf tot (expt 10 (nth 1 class)))
        )
        (setq pm-list NIL)
        (dolist (class ass-list)
                (setq num (expt 10 (nth 1 class)))
                (setq pct (/ num tot))
        ;       (format t "~A" pct)
                (setq plus-minus (* 100 (- pct (/ 1 (length ass-list)))))
                (push (list (car class) (round-float plus-minus 2)) pm-list)
        ;       (format t "~A: ~A~%" (car class) plus-minus)
        )

        ;(format t "~A~%" (nth 1 (assoc maxClass pm-list)))

pm-list
        ;(sort pm-list #'(lambda (a b) (> (cadr a) (cadr b))))
  ;(setq pairs pm-list)
  (sort pm-list #'(lambda (x y) (> (cadr x) (cadr y))))



        ;(setq return-list NIL)

;       (dolist (item pm-list)
;               (if (> (nth 1 item) 0) (push item return-list))
;       )


        ;(setq return-list (reverse return-list))

;       (if (eql 1 (length return-list))
;               (car (car return-list))
;               NIL
;       )

;pm-list


;       (if (> (nth 1 (assoc maxClass pm-list)) MIN-PM)
;               maxClass
;               NIL
;       )

)
```

```
(defun meaningless-word-p (word)
  (or
   (equal word 'THE)
   (equal word 'A)
   (equal word 'I)
   (equal word 'IS)
   (equal word 'AND)
   (equal word 'WOULD)
   (equal word 'THAT)
   (equal word 'OF)
   (equal word 'IT)
   (equal word 'WAS)
   (equal word 'TO)
   (equal word 'WITH)
   (equal word 'FOR)
   (equal word 'WILL)
   (equal word 'IF)
   (equal word 'BUT)
   (equal word 'OR)
   (equal word 'NOT)
   (equal word 'FROM)

   (equal word 'AT)
   (equal word 'BE)
   (equal word 'BY)
   (equal word 'ME)
   (equal word 'YOU)
   (equal word 'NO)
   (equal word 'PLEASE)
   (equal word 'AS)
   (equal word 'HAD)
   (equal word 'IN)



   (equal word 'PERIODHERE)
   (equal word 'COMMAHERE)
   (equal word 'QUOTEHERE)
   (equal word 'OCTOTHORPEHERE)
   (equal word 'LEFTPARENHERE)
   (equal word 'RIGHTPARENHERE)
   (equal word 'COLONHERE)
   (equal word 'SEMICOLONHERE)
   (equal word 'TILDAHERE)

  )
 )


(defun significant-words (class text data)
  (setq return-list NIL)
  (setq wordz NIL)
  (dolist (word text)
    (setq pct (float (* 100 (/ (dataset-class-word-count class word data) (dataset-class-count class data)))))
    (if (and (> pct 20) (not (member word wordz)) (not (meaningless-word-p word)))
        (progn
          (push (list word pct) return-list)
          (push word wordz)
          )
      )
    )
  return-list
  )
```

```
(defun sig-words-to-string (class text data)
  (setq return-string NIL)
  (setq sig-word-list (significant-words class text data))
  (dolist (spec sig-word-list)
    (setq return-string (concatenate 'string return-string (list-to-string spec) "
"))

    )
  return-string
  )


(defun definite-p (scores min-score)
          (> (nth 1 (car scores)) min-score)
)



;;;
;;; Testing.
;;;


(defun super-test (file)
          (setq minn 100)
          (setq min-text NIL)

          (setq data (create-dataset file))
          (setq stats (make-hash-table :test #'equal))
          (setq x T)
(setq n -1)
          (with-open-file (ifile file)
                    (loop while x do
                     (progn
                       (setq item (read-item ifile))
                       (if (null item) (setq x NIL))
                       (if x (progn
                              (setq s-text (cdr item))
                              (setq s-text-nd (remove-duplicates s-text))
                              (setq s-class (car item))

                              (decf (dataset-number-of-items data))
                              (decf (gethash s-class (dataset-class-counts data)))
                              (dolist (word s-text-nd)
                                        (decf (gethash (list s-class word) (dataset-class-word-counts data)))
                              )


;;;;;;TEMP CODE
                              (setq score-list (classify s-text (dataset-words data) data))
                              ;(setq equ (- (nth 1 (car score-list)) (nth 1 (nth 5 score-list))))
                              (setq equ (nth 1 (car score-list)))
                              (if (< equ 2) (progn
                                        (format t "~A" s-text)
                                        (read)
                                        (setq minn equ)
                                        (setq min-text s-text)
                                        (format t "change: ~A~%" minn)
                              ))

                              (setq pred-class (car (car score-list)))
```

```
                        (format t "~A~%" (nth 1 (car score-list)))




;                       (setq pred-class (car (car (classify s-text (dataset-words data) data))))



        ;(if (definite-p score-list 10)

                        (if (gethash (list s-class pred-class) stats)
                                (incf (gethash (list s-class pred-class) stats))
                                (setf (gethash (list s-class pred-class) stats) 1)
                        )
        ;)

;                       (if (equal s-class pred-class)
;                               (if (gethash (list s-class 'correct) stats)
;                                       (incf (gethash (list s-class 'correct) stats))
;                                       (setf (gethash (list s-class 'correct) stats) 1)
;                               )
;                       )


                        (incf (dataset-number-of-items data))
                        (incf (gethash s-class (dataset-class-counts data)))
                        (dolist (word s-text-nd)
                                (incf (gethash (list s-class word) (dataset-class-word-counts data)))
                        )



                    ))
                  )
                )
        )

;       (setq endo-c (gethash '(endodontics correct) stats))
;       (setq oral-max-c (gethash '(oral-max--facial-surgery correct) stats))
;       (setq ortho-c (gethash '(orthodontics correct) stats))
;       (setq perio-c (gethash '(periodontics correct) stats))
;       (setq prostho-c (gethash '(prosthodontics correct) stats))
;       (setq oral-path-c (gethash '(oral-pathology correct) stats))

;       (setq endo-t (gethash '(endodontics total) stats))
;       (setq oral-max-t (gethash '(oral-max--facial-surgery total) stats))
;       (setq ortho-t (gethash '(orthodontics total) stats))
;       (setq perio-t (gethash '(periodontics total) stats))
;       (setq prostho-t (gethash '(prosthodontics total) stats))
;       (setq oral-path-t (gethash '(oral-pathology total) stats))


;       (format t "Endo: ~A/~A~%Oral-Max: ~A/~A" endo-c endo-t oral-max-c oral-max-t)
;       (format t "Ortho: ~A/~A~%Perio: ~A/~A~%" ortho-c ortho-t perio-c perio-t)
;       (format t "Prostho: ~A/~A~%Oral-Path: ~A/~A~%" prostho-c prostho-t oral-path-c oral-path-t)

(pprint stats))
```

;;; test-consults.cl

```
(in-package :common-graphics-user)


(defun create-test-consults (file)
  (setq test-consults NIL)
  (setq x T)
  (with-open-file (ifile file)
    (loop while x do
          (progn
            (setq item (read-item ifile))
            (if (null item) (setq x NIL))
            (if x (push item test-consults))
            )
          )
    )
  (setq test-consults (reverse test-consults))
  )


(create-test-consults "E:/Working Files/Army/GGTS Development/TDent/conid-spec-text.txt")

(setq data (create-dataset "E:/Working Files/Army/GGTS Development/TDent/even-test-information.txt"))
(setq words (dataset-words data))

(setq current-position 0)
(setq current-text (cdr (nth current-position test-consults)))
(setq current-specialty (car (nth current-position test-consults)))
```