

Tri-Service Breakout Session



Kelli C. Mack, Col, USAF, DC

Asst. Director, Infection Prevention & Control and Patient Safety

Infection Control and Patient Safety Consultant to USAF Surgeon General

Dental Research and Consultation Service (DRCS)

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Disclosures

- The opinions expressed in this presentation are those of the author and do not necessarily reflect the official position of the US Air Force or the Department of Defense (DoD).
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- The presenter has no financial interest to disclose.

Objectives

- List dental infection prevention and resources available to Tri-Service members
- Explain various audit and documentation tools
- Describe common compliance errors

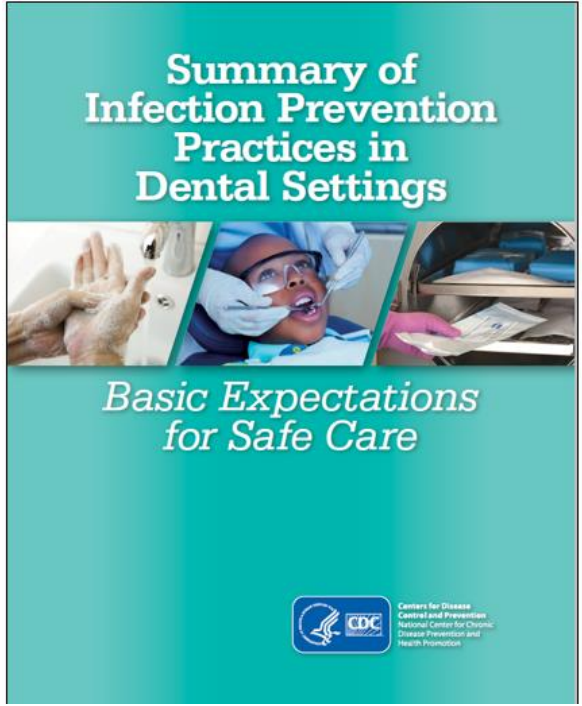
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OSAP DENTAL INFECTION
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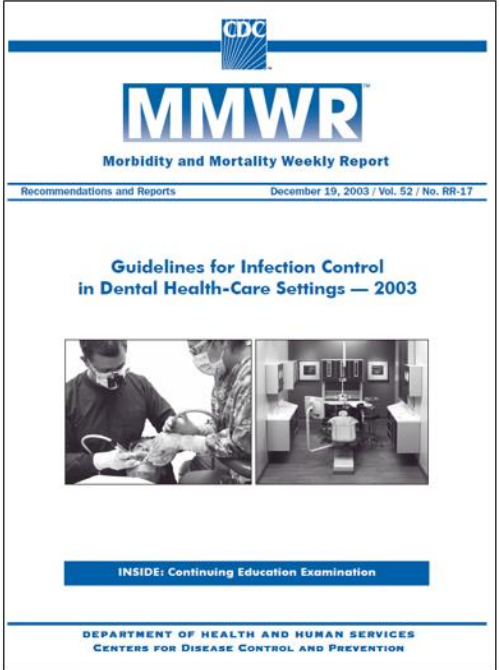
CDC Dental Resources

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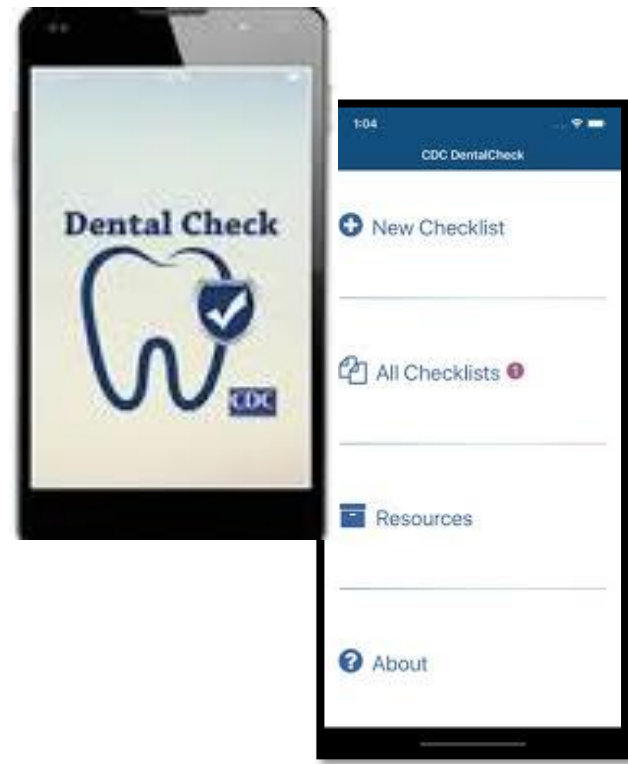


www.cdc.gov/oralhealth/infectioncontrol/pdf/safe-care2.pdf



www.cdc.gov/mmwr/PDF/rr/rr5217.pdf

There's An App For That!



<https://www.cdc.gov/oralhealth/infectioncontrol/dentalcheck.html>

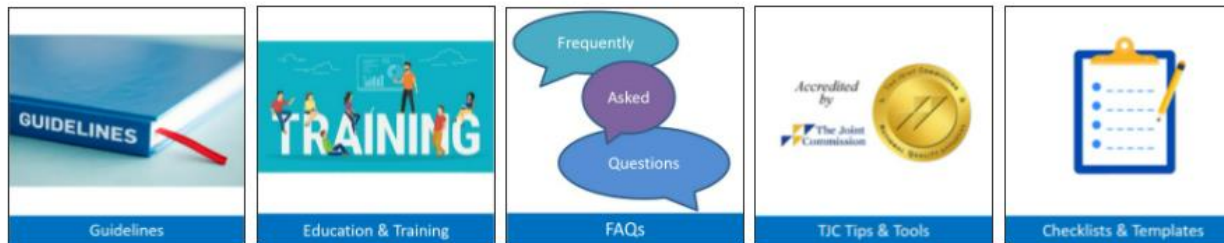


[CDC Mobile App](#) | [Mobile Activities](#) | [CDC](#)

AAMI Resources

- Association for the Advancement of Medical Instrumentation (AAMI) Standards purchased for all AF clinics
 - Air Force dental, send the following information to usaf.jbsa.afmoa.mbx.ssp@mail.mil
 - Full Name/Rank & Base
 - Job title & Phone Number
 - Computer IP address (required to gain access to the site)
 - Access to
 - ST 79 – Comprehensive guide to Steam Sterilization,
 - ST 50 - Dry heat (heated air) Sterilizers
 - ST 55 - Table-top sterilizers
 - AAMI TIR 34 - Water for the Reprocessing of Medical Devices
- NOTE: Once your account is created by AAMI, you will receive an e-mail containing your username and password. <http://www.aami.org/>

Infection Prevention & Control



After careful consideration, OSAP decided the 2022 Dental Infection Control **Boot Camp™** will be offered virtually. [Click here to view the official](#)

There is a national shortage of sterilization wrap material. Here is a [Halvard Wrap Grade recommendation list](#) for your reference when ordering.

Website update in progress

[IPC-Main-Page \(health.mil\)](#)

IPC Program Self Inspection

USAF Annual Dental Infection Prevention & Control (IPC) Program Self-Inspection

Date: _____ Print Names: _____

Initial by each compliant item.

Program Administration

- _____ Maintain current letters of appointment for the dental Infection Preventionists (IP) (officer and NCOIC) reviewed and signed
- _____ Ensure dental IPs attend MTF Infection Prevention and Control Function (IPCF) meetings
- _____ Verify Dental IPs/ Instrument Processing Technicians (IPT) have received IPC training (OSAP, EPIC, etc.) in the past 3 years
- _____ Ensure AFMAN 47-101, *Managing Dental Services* has been reviewed by all staff
- _____ Ensure manufacturer's IFUs have been reviewed prior to purchasing equipment
- _____ Verify dental IPC operating instructions (OI) are current & approved by the MTF IPCF (if applicable)

Ensure Infection Prevention & Control plan includes the following:

- _____ General IPC information
- _____ OSHA requirements
- _____ Exposure Control Plan (ECP) (Dental may be covered under the MTF ECP or in local OI's)
- _____ Information on latex hypersensitivity
- _____ Information on tuberculosis

Ensure IPC notebook contains:

[IPC-Main Page-Checklists Templates \(health.mil\)](#)



US Army - Dental Care Delivery

Dental Directorates



Directorate Mission

Set the standards and policies to provide responsive and reliable oral health services and infectious Health to improve readiness and advance readiness in support of the Force, Military Families, and all those entrusted to our care.

Directorate Purpose

Ensure the dental readiness and health of the total force and a ready Dental Corps through effective policies, programs, and systems.

Vision

Strengthening the health of our Nation by improving the oral health of our Army.

Directorate Calendar

Leadership



COL. Tawana McGhee-Thompson

Dental Clinical Community

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The screenshot shows the Dental Clinical Community website. At the top left is the logo of the Department of Defense. The main header includes the title "Dental Clinical Community" and a search bar with "DHA HEALTH.MIL" and "Search this site" options. A navigation bar below the header lists various categories: Health Affairs, DHA, Director of Staff, Health Care Administration, Support/CAE, Locations, Services, MHS Transformation, and Transition PMO. On the right of the navigation bar is a "Get Connected!" link. The main content area is titled "Dental Clinical Community Site" and features a list of "Meeting Materials" with columns for Name, Modified, and Tag. The list includes items such as "Meeting Date : 4/5/2021 (1)", "Meeting Date : 3/22/2021 (3)", "Meeting Date : 2/22/2021 (7)", "Meeting Date : 2/8/2021 (2)", "Meeting Date : 12/14/2020 (9)", "Meeting Date : 11/30/2020 (2)", "Meeting Date : 11/16/2020 (1)", "Meeting Date : 11/2/2020 (3)", and "Meeting Date : 10/19/2020 (6)". To the right of the meeting materials is a banner for the "DHA High Reliability Network" and a "Mission Statement" section. The mission statement reads: "The Dental Clinical Community's mission is to enable dental providers, technicians, lab technicians and support staff to optimize outcomes and eliminate harm by driving MHS-wide performance improvements in readiness and health." Below the mission statement is a "Vision Statement" section that reads: "Strengthening readiness of our War Fighters' oral health through Tri-Service collaboration." On the left side of the page, there is a sidebar with a "Nav" menu, a "Functional: Neil Page" link, and an "Administrator" button.

LTC Dankulich-Huryn, Tatyana
Lead, Dental Clinical Community

Tatyana.dankulichhuryn.mil@mail.mil



Website: <https://info.health.mil/sites/hro/DCC/SitePages/Home.aspx>


Navy Dental Sharepoint

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milSuite   milBook [Streams](#) [Content](#) [People](#) [Places](#)


 **Navy Dental Corps**

[Overview](#) [Content](#) [People](#) [Projects](#) [Reports](#) [Calendar](#)

OFFICE OF THE DENTAL CORPS CHIEF



Rick Freedman
RDML, Dental Corps, USN
Director, United States Navy Dental Corps



COVID-19

[COVID-19 UPDATES](#)

LEADERSHIP DEVELOPMENT RESOURCES

[Officer Record Management Guide](#)

[FY21 Navy Medicine Leadership Guide](#)

CATEGORIES

- [ADDP / TRICARE DENTAL](#)
- [BOARD DATES](#)
- [BUMED DENTAL INSTRUCTIONS](#)
- [CAREER PLANNING](#)
- [CDS / DENTAL INFORMATICS](#)
- [CONTINUING EDUCATION & TRAINING](#)
- [DENTAL CORPS SUB-COMMUNITIES](#)
- [MEMORANDUMS](#)
- [PATIENT SAFETY RESOURCES](#)
- [PHOTOS](#)
- [STANDARD OPERATING PROCEDURES \(SOPs\)](#)
- [WEEKLY DENTAL UPDATE \(WDU\)](#)

SPECIALTY LEADER PAGES

- [ADVANCED CLINICAL / RESTORATIVE DIGITAL DENTISTRY](#)
- [COMPREHENSIVE DENTISTRY & ACP GENERAL DENTISTRY](#)
- [DENTAL INFECTION CONTROL](#)
- [DENTAL LABORATORY SERVICES](#)
- [DENTAL PUBLIC HEALTH](#)
- [DENTAL RESEARCH](#)
- [ENDODONTICS](#)
- [LASER DENTISTRY](#)
- [MAXILLOFACIAL PROSTHETICS/ IMPLANTS](#)
- [OPERATIVE DENTISTRY](#)
- [ORAL AND MAXILLOFACIAL PATHOLOGY & FORENSICS](#)
- [ORAL AND MAXILLOFACIAL SURGERY](#)
- [OROFACIAL PAIN](#)
- [ORTHODONTICS](#)
- [PEDIATRIC DENTISTRY](#)
- [PERIODONTICS](#)
- [PGY-1 PROGRAMS](#)
- [PREVENTIVE DENTISTRY](#)
- [PROSTHODONTICS](#)

Website: <https://www.milsuite.mil/book/groups/navy-dental-corps>
 Navy Dental POC: CDR Stephen Hutton Stephen stephen.b.hutton.mil@mail.mil

Additional Guidance/Resources

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- **OSHA Bloodborne Pathogen Standard**
- **AFDS Instrument Processing Training document**
- **Local OIs/SOPs**
- **Manufacturer IFU**
- *AFI 44-108, Medical Infection Prevention & Control Program*
- *AFMAN 47-101*
- *AFDS Dental Management Guide*
- *AFMS Dental Clinical Practice Guidelines*
- *USAF Guidelines for Infection Prevention & Control in Dentistry*
- *QTPs*

Training Resources

- **Steris CEs**
- **Relias Health CEs**
- AFDS Instrument Processing Training document
- Qualification Training Packages (QTPs)
 - Found on E-pubs / Search QTP4Y0X1 / Infection Control Volume
- AF IMT 797

Audit Tools

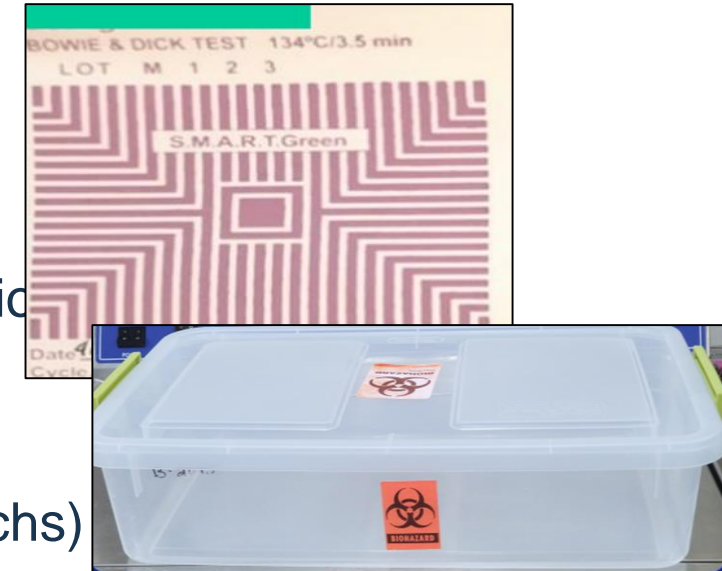
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- ***CDC Summary of Infection Prevention Practices in Dental Settings- Basic Expectations for Safe Care – 2016/CDC Dental Check App***
- **CDC Dental Check App**
- **Local Surveillance (e.g., room inspections, hand hygiene audits, instrument processing area leadership inspections, etc.)**
- **Checklists within the AFDS Instrument Processing Training document**

Types of Infection Prevention & Control Audits

- Are the following being performed? How often are these being accomplished? How do you know?
 - Point-of-Use (POU)
 - Quality assurance testing
 - Examples: Washer/ultrasonic verification, BI/spore tests, ventilation Surveys/tissue tests, etc.)
 - Training
 - Examples: Tech Instrument Processing, POU (dental/medical techs)
 - Ordering Brand new equipment/instruments
 - Are logistics and IPC personnel involved in the approval process



Documentation Tools

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- **Dental Infection Control Committee and Dental Executive Function Notes**
 - **Include details and findings of inspection**
- **Joint Patient Safety Reporting (JPSRs)**
- **Sterilization monitoring & maintenance**
- **Competency training**
- **MTF quality checklist or documentation tool**

Example:
Management Internal Control Toolset (MICT)
(usually completed by MDG IP)

Welcome to MICT 2.0.26

MICT Training Videos are complete for the latest s/w release deployed on 9 July. Go to "Assistance/Help Guides" for link to videos. MICT Help Desk

Last login: 6/19/2019 7:14 AM
No new messages

Member Navigation: Lt Col Kimberly Grady

No notes have been entered.

3/14/2019 9:25 AM: Training Videos are completed for the Latest Enhancements from V2.0.25. Go to "Assistance/Help Guides-MICT Training Videos."

U.S. AIR FORCE

Trouble Shooting

- Review the process in question from start to finish
 - Identify any deviations from standards & train members
- Refer to the equipment/instrument IFU
- Call manufacturer technical support
- Contact Biomedical Equipment Technician (BMET)
- Contact DRCS

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COVID-19

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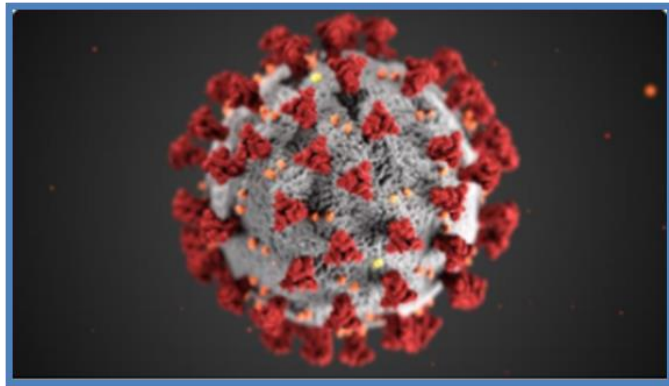
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- Aerosol generating procedures (AGP) – Procedures that may generate aerosols (i.e., particles of respirable size, <10 μm)
 - Remain airborne for extended periods and can be inhaled
 - No comprehensive AGP list
- Aerosol generating equipment
 - Ultrasonic scaler
 - High-speed dental handpiece
 - Air/water syringe,
 - Air polishing, and air abrasion devices

Source: <https://www.cdc.gov/coronavirus/2019-ncov/hcp/dental-settings.html>

COVID-19

- IAW CDC guidance postpone ALL dental treatment for:
 - Confirmed COVID-19 patients
 - Patients who meet criteria for quarantine (until quarantine ends)



Source: [Infection Control: Severe acute respiratory syndrome coronavirus 2 \(SARS-CoV-2\) | CDC](#)

COVID-19

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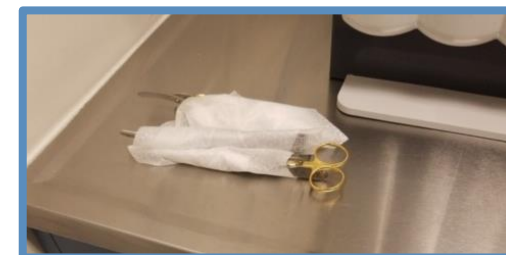
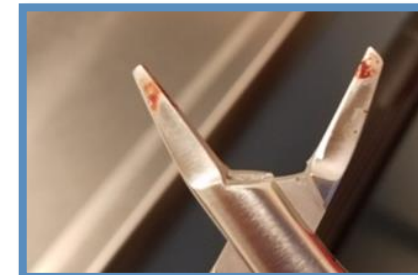
- If urgent treatment is necessary for COVID-19 patients
 - Perform AGPs in an airborne infection isolation room (AIIR) when possible
 - Limit the number of DHCP and do not allow visitors during AGPs
 - Place patient in a single room with door closed
 - PPE includes fit-test N-95 mask, gown & eye protection with side shields
 - Adjust PPE IAW local policy/guidance regarding COVID-19 community spread

MICT IPC Checklist

- AFI 44-108 Infection Prevention AES, ARC and ANG
 - 10 items
 - This is not for active duty
- AFMAN 47-101 Managing Dental Services
 - 1 item (see below)
 - Clinics conduct four audits of the Instrument Processing Center by dental clinic leadership monthly; with at least one of the audits unannounced.
- AFI 44-108 Infection Prevention & Control Active Components
 - 22 items that highlight key elements of the IPC program
 - 2 New items in 2021
 - IPC new comers and annual training include all requirements of OSHAs BBP Standard and Respiratory Protection Standard
 - Annual training must be completed in person.

Compliance Errors: Point-of-Use

- Bioburden left on instruments
- Instruments are kept moist during transport/ before placed in cleaning device
- Hinged instruments NOT opened
- Instruments taken to decon without use of a bin
- Bins not cleaned/disinfected
- Transport bin storage located in decontamination area



Compliance Errors: Package Integrity

- Burns
- Tears/punctures
- Improper seal
- Manufacturer IFU
- Indicator color change
- Marking on porous side of peel-pack/improper marker used
- Water/oil staining

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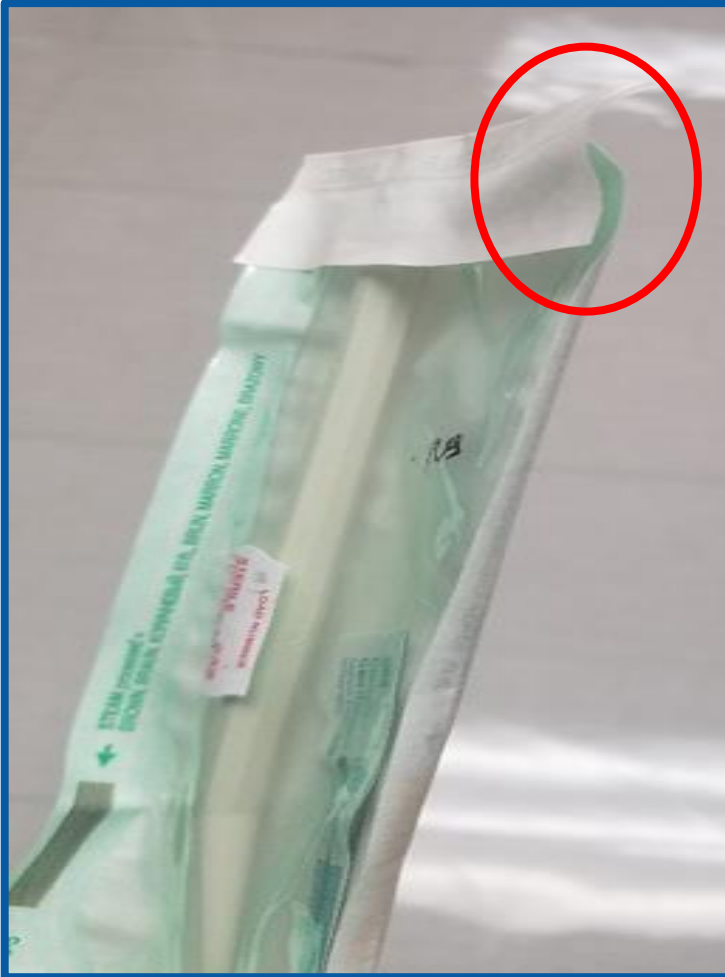


Oil Staining



Water Staining

Compliance Errors: Temperature and Humidity Parameters



- Review package material IFU
- High temp/ humidity can adversely affect adhesives causing unsealing to occur

Compliance Errors: Multi-use Dispensers

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“FDA does not believe that these devices, once contaminated, can be adequately disinfected by wiping with a chemical disinfecting solution. **Therefore, the FDA recommends disposal of contaminated multiple-use dental dispensers in order to avoid the risk of cross-contamination to patients.**

<https://www.fda.gov/medical-devices/dental-devices/multiple-use-dental-dispenser-devices>

Questions

Col Iris B. Ortiz Gonzalez, USAF, DC
Chief, Dental Readiness Support
Air Force Medical Readiness Agency
Consultant to the Surgeon General for Periodontics
iris.ortiz_gonzalez@us.af.mil

Kelli C. Mack
kelli.c.mack.mil@mail.mil
usaf.jbsa.59-mdw.mbx.decsinfection@mail.mil