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Exhibit R-2, RDT&E Budget Item Justification: PB 2023 Navy **Date:** April 2022

Appropriation/Budget Activity 1319: <i>Research, Development, Test & Evaluation, Navy / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0604771N / <i>Medical Development</i>
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COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
Total Program Element	245.811	38.264	31.467	3.178	-	3.178	7.639	7.427	7.248	7.384	Continuing	Continuing
0933: <i>Medical/Dental Equipment Dev</i>	33.376	2.063	3.967	3.178	-	3.178	7.639	7.427	7.248	7.384	Continuing	Continuing
9999: <i>Congressional Adds</i>	212.435	36.201	27.500	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	276.136

A. Mission Description and Budget Item Justification

The purpose of this program is to develop biomedical equipment and related techniques to reduce morbidity; to enhance the logistic feasibility of modern medical care for combat casualties; to sustain casualties for evacuation to fixed medical facilities for definitive care; and to ensure that personnel are medically qualified for military duty. Each work unit undertaken in this project has a military requirement. Efforts are justified based upon military payoff and cost benefit. There is a strong potential for dual use, technology transfer, and biotechnology firm/industry participation in the projects.

B. Program Change Summary (\$ in Millions)

	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023 Base</u>	<u>FY 2023 OCO</u>	<u>FY 2023 Total</u>
Previous President's Budget	39.612	3.967	0.000	-	0.000
Current President's Budget	38.264	31.467	3.178	-	3.178
Total Adjustments	-1.348	27.500	3.178	-	3.178
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	27.500			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-1.348	0.000			
• Rate/Misc Adjustments	0.000	0.000	0.000	-	0.000
• Adjustments to Budget Year	-	-	3.178	-	3.178

Congressional Add Details (\$ in Millions, and Includes General Reductions)

Project: 9999: *Congressional Adds*

Congressional Add: *Military Dental Research*

Congressional Add: *Military dental research*

Congressional Add: *Wound Care Research*

Congressional Add: *Autonomous Aerial Technology for Distributed Logistics*

FY 2021	FY 2022
9.653	0.000
0.000	10.000
9.654	10.000
7.240	7.500

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Appropriation/Budget Activity 1319: <i>Research, Development, Test & Evaluation, Navy / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0604771N / <i>Medical Development</i>
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Congressional Add Details (\$ in Millions, and Includes General Reductions)

Congressional Add: *ETEC Enteric Disease Research*

Congressional Add Subtotals for Project: 9999

Congressional Add Totals for all Projects

	FY 2021	FY 2022
	9.654	0.000
	36.201	27.500
	36.201	27.500

Change Summary Explanation

FY 2023 funding request was reduced by \$0.774 million to account for the availability of prior year execution balances.

FY 2023 funding increase reflects the fact that the FY 2022 President's Budget request did not include out-year funding.

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Navy										Date: April 2022		
Appropriation/Budget Activity 1319 / 5					R-1 Program Element (Number/Name) PE 0604771N / <i>Medical Development</i>				Project (Number/Name) 0933 / <i>Medical/Dental Equipment Dev</i>			
COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
0933: <i>Medical/Dental Equipment Dev</i>	33.376	2.063	3.967	3.178	-	3.178	7.639	7.427	7.248	7.384	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The purpose of this program is to develop biomedical equipment and related techniques to reduce morbidity; to enhance the logistic feasibility of modern medical care for combat casualties; to sustain casualties for evacuation to fixed medical facilities for definitive care; and to ensure that personnel are medically qualified for military duty. Each work unit undertaken in this project has a military requirement. Efforts are justified based upon military payoff and cost benefit. There is a strong potential for dual use, technology transfer, and biotechnology firms/industry participation in the projects.

The purpose of this program is to develop, test, and evaluate expeditionary medical systems and equipment to save warfighter lives, facilitate movement of patients up the roles of care, and return warfighters to the fight; especially in the Distributed Maritime environment. Each work unit undertaken in this program has a military requirement. Efforts are justified based upon military payoff and cost benefit. There is a strong potential for dual use, technology transfer, and biotechnology firms/industry participation in the projects.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)

	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
Title: Medical/Dental Equipment Development	2.063	3.967	2.144	0.000	2.144
Articles:	-	-	-	-	-
FY 2022 Plans:					
-Continue Individual Fatigue-Based Scheduling and Countermeasure System that predicts, prevents, detects, and mitigates periods of high risk associated with fatigue.					
-Complete fatigue mitigation and validation of scheduling tools to include validation of an alternative watchstanding schedule on Naval Surface Combatants.					
-Continue Human Performance/Crew Endurance effort: Fatigue Mitigation; Complete Controlled Light Exposure.					
-Continue cabin-pressure/decompression sickness (DCS) test and evaluation capability.					
-Continue evaluation of physiological monitoring sensor system in relevant military environments.					
-Complete Human Performance/Crew Endurance effort: Navy specific Stress Inoculation Study.					
-Initiate Human Performance Neurocognitive Tool development and Test & Evaluation.					
-Initiate Human Performance Antiemetic.					
FY 2023 Base Plans:					
-Complete Individual Fatigue-Based Scheduling and Countermeasure System that predicts, prevents, detects, and mitigates periods of high risk associated with fatigue.					
-Continue Human Performance/Crew Endurance effort: Fatigue Mitigation.					

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Navy	Date: April 2022
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Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604771N / <i>Medical Development</i>	Project (Number/Name) 0933 / <i>Medical/Dental Equipment Dev</i>
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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
<p>-Complete cabin-pressure/decompression sickness (DCS) test and evaluation capability. -Continue evaluation of physiological monitoring sensor system in relevant military environments. -Continue Human Performance Neurocognitive Tool development and Test & Evaluation. -Continue Human Performance Antiemetic.</p> <p>FY 2023 OCO Plans: N/A</p> <p>FY 2022 to FY 2023 Increase/Decrease Statement: FY2022 to FY2023 decrease due to completion of Individual Fatigue-Based Scheduling and Countermeasure System as well as cabin-pressure/decompression sickness (DCS) test and evaluation.</p>					
<p>Title: Expeditionary Medical Family of Systems</p> <p align="right">Articles:</p> <p>FY 2022 Plans: N/A</p> <p>FY 2023 Base Plans: Perform Business Case Analysis and test and evaluation for Expeditionary Resuscitative Surgical Systems. Perform Business Case Analysis and test and evaluation for En Route Care Systems. Continuing performing Business Case Analysis for Theatre Hospitalization to increase agility and scalability of Expeditionary Medical Services in support of 2019 Naval Expeditionary Health Services Required Operational Capability/Projected Operational Environment with pivot to Distributed Maritime Operations. Perform Engineering evaluation of Role 2 Enhanced container modules.</p> <p>FY 2023 OCO Plans: N/A</p> <p>FY 2022 to FY 2023 Increase/Decrease Statement: Increase of \$1.034M in FY23 is due to an internal realignment of funding for acquisition management of Deployable Medical Systems (DEPMEDS).</p>	0.000	0.000	1.034	0.000	1.034
	-	-	-	-	-
Accomplishments/Planned Programs Subtotals	2.063	3.967	3.178	0.000	3.178

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Navy	Date: April 2022
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Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604771N / <i>Medical Development</i>	Project (Number/Name) 0933 / <i>Medical/Dental Equipment Dev</i>
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C. Other Program Funding Summary (\$ in Millions)

Line Item	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
• 8109: <i>Deployable Medical Systems</i>	0.000	0.000	1.578	-	1.578	1.280	1.295	1.316	1.341	0.000	6.810

Remarks

D. Acquisition Strategy

The acquisition strategy for product lines and products in the Medical Development Program is designed and implemented consistent with the purpose of the particular product and with the nature and size of the investment.

The major Product Areas in the Medical Development Program are: 1) Equipment, 2) Pharmaceuticals/Biologics, and 3) Operational Knowledge/Concepts. The primary Program Areas of Interest are: 1) Optimize health, performance, and resilience of the ready and forward operating forces; 2) Enhance medical logistics; 3) Reduce mortality and morbidity from battlefield and mission-related injuries in support of Navy Health Services Support in Terrestrial, Maritime Surface, Submarine, and Aviation Operations and USMC in Expeditionary Operations.

For Product Areas 1 and 2, there are two primary acquisition strategies. The first is to test and evaluate for Naval application commercially-developed medical product or candidates in managed trials or test events with the ultimate goal of supporting Food and Drug Administration (FDA) approval, where appropriate. Partnerships with commercial developers promotes developing products of military interest for procurement by the Operating Forces. A second benefit of this strategy is that products are made available across the DoD, Federal Government, and commercial market, thus reducing overall procurement costs. During development, DoD end users are included in the process to the extent possible. The second strategy is to drive a collaborative development process with larger DoD program investments. This process involves developing in-house or industrial prototypes in government-managed programs to meet Naval needs while meeting regulatory requirements for production and fielding. Both tactics promote development of procurement plans that align product availability with Service integration strategies.

The Third Product Area (Knowledge/Concepts) is focused on the introduction of technologies, techniques, and procedures that enhance medical practice and standards of care for effective delivery of health care and casualty care in the Naval operating environment. These primarily require early involvement of the senior leadership of military medicine, in that the end product of the program is modification of concepts of operations, policy, and/or doctrine. These acquisitions can impact the care and performance of Sailors and Marines. Medical Development Program examples include Navy Crew Endurance Handbook and associated implementation tools. NAVSEA Expeditionary Medical Family of Systems program will enter as a Program of Record at Milestone C for the Baseline already fielded systems and will continue to develop and deliver incremental capability to evolving requirements in support of Distributed Maritime Operations.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Navy **Date:** April 2022

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604771N / <i>Medical Development</i>	Project (Number/Name) 0933 / <i>Medical/Dental Equipment Dev</i>
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Product Development (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Human Factors Individualized Fatigue Based Scheduling	Allot	Naval Submarine Medical Research Laboratory : Groton, CT	2.539	0.024	Nov 2021	0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Fatigue Based Scheduling	WR	Naval Post Graduate School : Monterey, CA	2.318	0.301	Dec 2020	0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Mitigation of Adverse Physiological Episodes in Tactical Aircraft	Allot	Various : Not Specified	1.267	0.000		0.000		0.000		-		0.000	0.000	1.267	-
Crew Endurance and Fatigue Mitigation	WR	Naval Post Graduate School : Monterey, CA	4.915	0.400	Dec 2020	0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Autonomous System for Field Delivery of Critical Medical Supplies	Various	Various : Not Specified	6.623	0.000		0.000		0.000		-		0.000	0.000	6.623	-
Cabin-pressure/ Decompression Sickness Test and Evaluation Capability	Allot	NAVFAC EXWC : Port Hueneme, CA	3.018	0.125	Apr 2022	0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Cabin-pressure/ Decompression Sickness Test and Evaluation Capability	TBD	NAVSEA : Washington Navy Yard, DC	0.000	0.091	Apr 2022	0.000		0.000		-		0.000	0.000	0.091	-
Physiological Monitoring Sensor Systems	Various	Various : Not Specified	4.500	0.599	Sep 2021	2.000	Aug 2022	2.005	Aug 2023	-		2.005	Continuing	Continuing	Continuing
Navy specific Stress Inoculation Study	WR	Naval Post Graduate School : Monterey, CA	0.599	0.306	Dec 2020	0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Human Performance: Neurocognitive Tool	Various	Various : Not Specified	0.000	0.000		0.509	Sep 2022	0.000		-		0.000	Continuing	Continuing	Continuing
Physiological Beacon: Personnel Recovery and Casualty Management	TBD	TBD : Not Specified	0.000	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Navy												Date: April 2022			
Appropriation/Budget Activity				R-1 Program Element (Number/Name)				Project (Number/Name)							
1319 / 5				PE 0604771N / Medical Development				0933 / Medical/Dental Equipment Dev							
Product Development (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Human Performance Antiemetic	TBD	TBD : Not Specified	0.000	0.000		0.500	Sep 2022	0.000		-		0.000	0.000	0.500	-
Medical Product Development	Various	Various : Not Specified	5.586	0.000		0.065	Aug 2022	0.000		-		0.000	Continuing	Continuing	Continuing
Expeditionary Resuscitative Surgical Systems Business Case Analysis	Various	Various : Not Specified	0.000	0.000		0.000		0.150	Jan 2023	-		0.150	Continuing	Continuing	Continuing
En Route Care System Business Case Analysis	Various	Various : Not Specified	0.000	0.000		0.000		0.150	Nov 2022	-		0.150	Continuing	Continuing	Continuing
Expeditionary Resuscitative Surgical Systems Test and Evaluation	Various	Various : Not Specified	0.000	0.000		0.000		0.125	Jan 2023	-		0.125	Continuing	Continuing	Continuing
En Route Care System Test and Evaluation	Various	Various : Not Specified	0.000	0.000		0.000		0.125	Nov 2022	-		0.125	Continuing	Continuing	Continuing
Subtotal			31.365	1.846		3.074		2.555		-		2.555	Continuing	Continuing	N/A
Support (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Support	WR	NEMSCOM : Williamsburg, VA	0.000	0.000		0.000		0.284	Jan 2023	-		0.284	Continuing	Continuing	Continuing
Subtotal			0.000	0.000		0.000		0.284		-		0.284	Continuing	Continuing	N/A
Test and Evaluation (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Role 2 Enhanced Module Engineering Evaluation	WR	NEMSCOM : Williamsburg, VA	0.000	0.000		0.000		0.200	Jan 2023	-		0.200	Continuing	Continuing	Continuing
Subtotal			0.000	0.000		0.000		0.200		-		0.200	Continuing	Continuing	N/A

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Exhibit R-4A, RDT&E Schedule Details: PB 2023 Navy **Date:** April 2022

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604771N / <i>Medical Development</i>	Project (Number/Name) 0933 / <i>Medical/Dental Equipment Dev</i>
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Proj 0933.L18</i>				
Medical Product Development: Medical/Dental Systems: Systems Development	1	2023	4	2024
Reduced Morbidity and Mortality: Physiological Monitoring Sensor Systems: Technology Development and Testing	4	2021	4	2027
Expeditionary Medical Family of Systems: Role 2 Enhanced Module Engineering Evaluation	2	2023	3	2027
Expeditionary Medical Family of Systems: Expeditionary Resuscitative Surgical Systems Business Case Analysis and test and evaluation	2	2023	4	2027
Expeditionary Medical Family of Systems: En Route Care System Business Case Analysis and test and evaluation	1	2023	3	2027

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Navy										Date: April 2022		
Appropriation/Budget Activity 1319 / 5					R-1 Program Element (Number/Name) PE 0604771N / <i>Medical Development</i>				Project (Number/Name) 9999 / <i>Congressional Adds</i>			
COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
9999: <i>Congressional Adds</i>	212.435	36.201	27.500	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	276.136
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

Note

None

A. Mission Description and Budget Item Justification

Congressional Adds

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2021	FY 2022
Congressional Add: Military Dental Research FY 2021 Accomplishments: Continued efforts in craniofacial injury surveillance; combat dentistry; treatment of maxillofacial injury; dental disease non-battle injuries; and oral/facial disease and infection in military personnel. FY 2022 Plans: N/A	9.653	0.000
Congressional Add: Military dental research FY 2021 Accomplishments: N/A FY 2022 Plans: Continue efforts in craniofacial injury surveillance; combat dentistry; treatment of maxillofacial injury; dental disease non-battle injuries; and oral/facial disease and infection in military personnel.	0.000	10.000
Congressional Add: Wound Care Research FY 2021 Accomplishments: Continued to develop novel diagnostics and treatments to enhance the care of the wounded warfighter. FY 2022 Plans: Continue to develop novel diagnostics and treatments to enhance the care of the wounded warfighter.	9.654	10.000
Congressional Add: Autonomous Aerial Technology for Distributed Logistics	7.240	7.500

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Navy	Date: April 2022
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Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604771N / <i>Medical Development</i>	Project (Number/Name) 9999 / <i>Congressional Adds</i>
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B. Accomplishments/Planned Programs (\$ in Millions)	FY 2021	FY 2022
<i>FY 2021 Accomplishments:</i> Initiated Research, Development, Test and Evaluation (RDT&E) on autonomous aerial technologies distribution of medical materials to enhance medical capabilities in the distributed operational environment.		
<i>FY 2022 Plans:</i> Continue Research, Development, Test and Evaluation (RDT&E) on autonomous aerial technologies distribution of medical materials to enhance medical capabilities in the distributed operational environment.		
<i>Congressional Add:</i> ETEC Enteric Disease Research	9.654	0.000
<i>FY 2021 Accomplishments:</i> Initiated Research, Development, Test and Evaluation (RDT&E) efforts on ETEC enteric disease research to treat and/or mitigate the impact of ETEC and ETEC-related illnesses.		
<i>FY 2022 Plans:</i> N/A		
Congressional Adds Subtotals	36.201	27.500

C. Other Program Funding Summary (\$ in Millions)

N/A

Remarks

D. Acquisition Strategy

None

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Navy **Date:** April 2022

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604771N / <i>Medical Development</i>	Project (Number/Name) 9999 / <i>Congressional Adds</i>
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Product Development (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Congressional Add - Wound Care Research	Various	Various : Not Specified	65.723	9.653	Sep 2021	10.000	Sep 2022	0.000		-		0.000	0.000	85.376	-
Congressional Add - Military Dental Research	Allot	Naval Medical Research Unit - San Antonio : San Antonio, TX	23.438	4.827	May 2021	5.000	May 2022	0.000		-		0.000	0.000	33.265	-
Congressional Add - Military Dental Research	MIPR	USAISR Dental & Craniofacial Trauma Research Dir. : San Antonio, TX	23.119	4.827	Jul 2021	5.000	May 2022	0.000		-		0.000	0.000	32.946	-
Congressional Add - Hypoxia Research (C0232)	Various	Various : Not Specified	4.828	0.000		0.000		0.000		-		0.000	0.000	4.828	-
Congressional Add - Aircrew Mounted Physiological Sensors (C0233)	Various	Various : Not Specified	2.897	0.000		0.000		0.000		-		0.000	0.000	2.897	-
Congressional Add - Hypoxia Research (C471)	Various	Various : Not Specified	4.827	0.000		0.000		0.000		-		0.000	0.000	4.827	-
Congressional Add - Physiological Episodes Research (C562)	Various	Various : Not Specified	4.827	0.000		0.000		0.000		-		0.000	0.000	4.827	-
Congressional Add - Autonomous Aerial Technology for Distributed Logistics (C592)	Various	Various : Not Specified	0.000	7.240	Sep 2021	7.500	Sep 2022	0.000		-		0.000	0.000	14.740	-
Congressional Add - ETEC Enteric Disease Research (C609)	Various	Various : Not Specified	0.000	9.654	Sep 2021	0.000		0.000		-		0.000	0.000	9.654	-
Congressional Adds	Various	Various : Not Specified	82.776	0.000		0.000		0.000		-		0.000	0.000	82.776	-
Subtotal			212.435	36.201		27.500		0.000		-		0.000	0.000	276.136	N/A

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Exhibit R-4, RDT&E Schedule Profile: PB 2023 Navy **Date:** April 2022

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604771N / <i>Medical Development</i>	Project (Number/Name) 9999 / <i>Congressional Adds</i>
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Proj 9999	FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027							
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q				
Military Dental Research (2896)																																
Wound Care Research (C210)																																
Physiological Episodes Research (C562)																																
Autonomous Aerial Technology for Distributed Logistics (C592)																																
ETEC Enteric Disease Research (C5609)																																

2023PB - 0604771N - 9999

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Exhibit R-4A, RDT&E Schedule Details: PB 2023 Navy **Date:** April 2022

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604771N / <i>Medical Development</i>	Project (Number/Name) 9999 / <i>Congressional Adds</i>
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Proj 9999				
Military Dental Research (2896): Schedule Detail	1	2021	4	2023
Wound Care Research (C210): Schedule Detail	1	2021	4	2023
Physiological Episodes Research (C562): Schedule Detail	1	2021	4	2021
Autonomous Aerial Technology for Distributed Logistics (C592): Schedule Detail	4	2021	4	2023
ETEC Enteric Disease Research (C5609): Schedule Detail	4	2021	4	2022