

Exhibit R-2, RDT&E,N Budget Item Justification						Date: January 2006	
Appropriation/Budget Activity RDT&E,N/BA 5				R-1 Item Nomenclature: Medical Development 0604771N			
Cost (\$ in millions)	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Total PE Cost	\$49,769	\$47,294	\$7,663	\$7,943	\$8,025	\$8,103	\$8,156
Medical/Dental Equipment Development/0933	6,711	7,094	7,663	7,943	8,025	8,103	8,156
Coastal Cancer Control/2795	3,379	0	0	0	0	0	0
Vector Vaccine/2836	1,209	2,500	0	0	0	0	0
Military Dental Research/2896	3,367	3,400	0	0	0	0	0
Minimally Invasive Surgical Technology Institute/9002	2,897	2,100	0	0	0	0	0
Biomedical Research Imaging/9003	2,414	2,000	0	0	0	0	0
Community Hospital Tele-Health Consortium/9005	965	0	0	0	0	0	0
Medical Procedures Reference Tool (MPRT)/9251	3,293	0	0	0	0	0	0
Discovery, Early, Detection, Evaluation, Treatment and Prevention/9397	6,782	5,100	0	0	0	0	0
Distress Streamer Signaling System/9398	2,968	1,000	0	0	0	0	0
Health Query and Analysis System/9399	3,291	0	0	0	0	0	0
Clinical Trial for Hemostatic Therapy/9592	1,446	0	0	0	0	0	0
Multivalent Dengue Vaccine Program/9593	1,941	1,500	0	0	0	0	0
Rare Blood Program/9594	965	0	0	0	0	0	0
Room Elevated Temperature Stable Hemoglobin/9595	6,792	0	0	0	0	0	0
Somatic Cell Processing Program (Diabetes Research)/9596	1,349	1,700	0	0	0	0	0
Congressional Adds 9999		20,900					

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	FY 2005	FY 2006	FY 2007				
Accomplishment/Effort/Subtotal Cost	\$6,711	\$7,094	\$7,663				
RDT&E,N Articles Quantity							
FY 2005 Accomplishments							
Test and Evaluation of the Submarine Attrition Risk Scale - Continued data collection and test and evaluation of a psychological testing instrument to identify submarine school students who are at risk for separation from the Navy;							
Efficacy of LED versus Low-Level Laser Therapy (LLLT) in the Treatment of Acute Inversion Ankle Sprains - Completed the investigation of efficacy of Light emitting diodes as a treatment of acute inversion ankle sprains in military personnel;							
Operative Field Dentistry - Continued Phase Two of the analysis of components of the operative field dentistry Authorized Dental Allowance List (ADAL 662);							
Atmospheric Contaminants on Disabled Submarines - Continued the investigation of potential submarine atmosphere contaminants;							
Treatment of Acute Acoustic Trauma - Completed the prospective study to assess the efficacy of the nutritional supplement N-Acetylcysteine in the treatment of acute acoustic trauma (aka - Reactor Trial);							
Prevention and Protection from Acute Trauma - Completed investigation of the nutritional supplement N-Acetylcystene (NAC) as an adjunct to hearing protection devices (HPD) for mitigating the risk of Noise-Induced Hearing Loss (NIHL) in soldiers exposed to military noise;							
Restoring Effective Survival in Shock - Continued the Phase III clinical trial of a hemoglobin-based oxygen carrier for use in treatment of hemorrhagic shock;							
Improved Administration of Anti-Motion Sickness Medications - Continued evaluation of a fast acting nasal delivery system for medications to treat motion sickness in aviators;							

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<u>FY 2005 Accomplishments (Continued)</u>							
<u>Impact Injury Prevention (formerly Biodynamics Database Analysis)</u> - Continued analysis of high speed aviation crash simulation research conducted at the former Naval Biodynamics Laboratory from the 1950s - 1980s for application to new high-speed, high-agility aircraft and vehicle development;							
<u>Validation of the U.S. Navy Dental Classification System</u> - Continued analysis of the Navy dental classification system based on operational experience during the Operations Enduring Freedom and Iraqi Freedom;							
Tactical Medical Coordination System (TACMEDCS) - Continued development of a joint US Navy, US Marine Corps prototype refinement of the tactical medical coordination system focusing on ensuring compatibility with DOD IM/IT systems such as TRANSCOM Regulating and Command and Control Evacuation System (TRACES), Composite Healthcare System II (CHCS II), and Theater Medical Information Program - Joint (TMIP-J).							
<u>FY 2006 Plan</u>							
<u>Test and Evaluation of the Submarine Attrition Risk Scale</u> - Complete data collection and test and evaluation of a psychological testing instrument to identify submarine school students who are at risk for separation from the Navy;							
<u>Efficacy of LED versus LLLT in the Treatment of Acute Inversion Ankle Sprains</u> - Complete the investigation of the efficacy of Light emitting diodes as a treatment of acute inversion ankle sprains in military personnel;							
<u>Operative Field Dentistry</u> - Complete Phase Two of the analysis of components of the operative field dentistry ADAL (ADAL 662);							
<u>Atmospheric Contaminants on Disabled Submarines</u> - Complete the investigation of potential submarine atmosphere contaminants;							
<u>Restoring Effective Survival in Shock</u> - Continue the Phase III clinical trials of a hemoglobin-based oxygen carrier for use in treatment of hemorrhagic shock;							
<u>Operative Field Dentistry</u> - Continue the final Phase of the analysis of components of the operative field dentistry ADAL (ADAL 662) emphasizing recent operation experience;							
<u>Improved Administration of Anti-Motion Sickness Medications</u> - Complete the evaluation of a fast-acting nasal delivery system for medications to treat motion sickness in aviators;							
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FY 2006 Plan (Continued) <u>Validation of the U.S. Navy Dental Classification System</u> - Complete the analysis of the Navy dental classification system based on operational experience during the Operations Enduring Freedom and Iraqi Freedom; <u>TACMEDCS</u> - Complete the joint US Navy, US Marine Corps prototype refinement of the tactical medical coordination system focusing on ensuring compatibility with DOD IM/IT Systems such as TRACES, CHCS II, and TMIP-J; <u>Transition Projects from the Warfighter Protection Future Naval Capability</u> - Continue transition testing and development of a variety of non-specific prototypes that will begin to arise from the 6.3 Advanced Development Program at the Office of Naval Research through FY 2005; <u>Transition Projects from the Office of Naval Research Sponsored Medical R&D Core Capability Program</u> - Continue transition testing and development of a variety of Fleet endorsed, non-specific prototypes that were developed in the 6.1 and 6.2 Core Capability program at Office of Naval Research through FY 2005.							
FY 2007 Plan <u>Operative Field Dentistry</u> - Complete the final Phase of the analysis of components of the operative field dentistry ADAL (ADAL 662) emphasizing recent operational experience; <u>Improved Administration of Anti-Motion Sickness Medications</u> - Complete the evaluation of a fast-acting nasal delivery system for medications to treat motion sickness in advance; <u>Biodynamics Database Analysis</u> - Complete the analysis of high speed aviation crash simulation research conducted at the former Naval Biodynamics Laboratory from the 1950s-1980s for application to new high-speed, high-agility aircraft and vehicle development; <u>Transition Projects from the Warfighter Protection Future Naval Capability</u> - Continue transition testing and development of non-specific prototypes that will begin to arise from the 6.3 Advanced Development Program at the Office of Naval Research through FY 2005; <u>Transition Projects from the Office of Naval Research Sponsored Medical R&D Core Capability Program</u> - Continue transition testing and development of Fleet endorsed, non-specific prototypes that were developed in the 6.1 and 6.2 Core Capability program at Office of Naval Research through FY 2005.							

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<p>A. Mission Description and Budget Item Justification: This project provide the funds for overhead, facility maintenance, and general-purpose equipment. The Navy Medical Research and Development Laboratories predominantly support Force Health Protection research and development of biomedical technologies that help prevent illness, reduce injuries, and enhance general medical capabilities. Since this research is predominantly biomedical and disease related, it is more appropriate that laboratories be aligned with the Defense Health Program. Funds are transferred from RDT&E,N to RDT&E,DHP.</p> <p>B. Accomplishments/Planned Program</p> <table border="1"> <thead> <tr> <th></th> <th>FY 2005</th> <th>FY 2006</th> <th>FY 2007</th> </tr> </thead> <tbody> <tr> <td>Accomplishment/Effort/Subtotal Cost</td> <td>\$3,379</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td>RDT&E,N Articles Quantity</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>FY 2005 Accomplishments: Funded efforts to develop cancer incidence and prevalence studies, risk factor identification, patterns of use and delivery of health care for cancer, epidemiologic and statistical analyses of cancer rates, geographic pattern mapping, genetic risk factor identification, and other related research.</p> <p>C. Other Program Funding Summary: Not applicable</p> <p>D. Acquisition Strategy. Not applicable</p>									FY 2005	FY 2006	FY 2007	Accomplishment/Effort/Subtotal Cost	\$3,379	\$0	\$0	RDT&E,N Articles Quantity			
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Medical Procedures Reference Tool (MPRT)/9251	\$3,293	\$0	\$0	\$0	\$0	\$0	\$0												
RDT&E,N Articles Quantity																			
<p>A. Mission Description and Budget Item Justification: This project provide the funds for overhead, facility maintenance, and general-purpose equipment. The Navy Medical Research and Development Laboratories predominantly support Force Health Protection research and development of biomedical technologies that help prevent illness, reduce injuries, and enhance general medical capabilities. Since this research is predominantly biomedical and disease related, it is more appropriate that laboratories be aligned with the Defense Health Program. Funds are transferred from RDT&E,N to RDT&E,DHP.</p> <p>B. Accomplishments/Planned Program</p> <table border="1"> <thead> <tr> <th></th> <th>FY 2005</th> <th>FY 2006</th> <th>FY 2007</th> </tr> </thead> <tbody> <tr> <td>Accomplishment/Effort/Subtotal Cost</td> <td>\$3,293</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td>RDT&E,N Articles Quantity</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>FY 2005 Accomplishments: Funded efforts will lead to the development of a computer-based system that provides refresher, advanced medical training, and specialized reference materials to Navy Corpsmen (HM).</p> <p>C. Other Program Funding Summary: Not applicable</p> <p>D. Acquisition Strategy. Not applicable</p>									FY 2005	FY 2006	FY 2007	Accomplishment/Effort/Subtotal Cost	\$3,293	\$0	\$0	RDT&E,N Articles Quantity			
	FY 2005	FY 2006	FY 2007																
Accomplishment/Effort/Subtotal Cost	\$3,293	\$0	\$0																
RDT&E,N Articles Quantity																			

Exhibit R-2a, RDT&E,N Project Justification						Date: January 2006													
Appropriation/Budget Activity RDT&E,N/BA 5				Medical Development 0604771N															
Cost (\$ in millions)	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011												
Evaluation, Treatment and Prevention/9397	\$6,782	\$5,100	\$0	\$0	\$0	\$0	\$0												
RDT&E,N Articles Quantity																			
<p>A. Mission Description and Budget Item Justification: This project provide the funds for overhead, facility maintenance, and general-purpose equipment. The Navy Medical Research and Development Laboratories predominantly support Force Health Protection research and development of biomedical technologies that help prevent illness, reduce injuries, and enhance general medical capabilities. Since this research is predominantly biomedical and disease related, it is more appropriate that laboratories be aligned with the Defense Health Program. Funds are transferred from RDT&E,N to RDT&E,DHP.</p> <p>B. Accomplishments/Planned Program</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th></th> <th style="text-align: center;">FY 2005</th> <th style="text-align: center;">FY 2006</th> <th style="text-align: center;">FY 2007</th> </tr> </thead> <tbody> <tr> <td>Accomplishment/Effort/Subtotal Cost</td> <td style="text-align: right;">\$6,782</td> <td style="text-align: right;">\$5,100</td> <td style="text-align: right;">\$0</td> </tr> <tr> <td>RDT&E,N Articles Quantity</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>FY 2005 Accomplishments: Funded efforts to determine the relationship of vitamin D status to colon, breast, and prostate cancer and to perform transitional research that may provide optimal control of these disorders and thereby, enhance warfighter readiness.</p> <p>C. Other Program Funding Summary: Not applicable</p> <p>D. Acquisition Strategy. Not applicable</p>									FY 2005	FY 2006	FY 2007	Accomplishment/Effort/Subtotal Cost	\$6,782	\$5,100	\$0	RDT&E,N Articles Quantity			
	FY 2005	FY 2006	FY 2007																
Accomplishment/Effort/Subtotal Cost	\$6,782	\$5,100	\$0																
RDT&E,N Articles Quantity																			

Exhibit R-2a, RDT&E,N Project Justification						Date: January 2006													
Appropriation/Budget Activity RDT&E,N/BA 5				Medical Development 0604771N															
Cost (\$ in millions)	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011												
Distress Streamer Signaling System/9398	\$2,968	\$1,000	\$0	\$0	\$0	\$0	\$0												
RDT&E,N Articles Quantity																			
<p>A. Mission Description and Budget Item Justification: This project provide the funds for overhead, facility maintenance, and general-purpose equipment. The Navy Medical Research and Development Laboratories predominantly support Force Health Protection research and development of biomedical technologies that help prevent illness, reduce injuries, and enhance general medical capabilities. Since this research is predominantly biomedical and disease related, it is more appropriate that laboratories be aligned with the Defense Health Program. Funds are transferred from RDT&E,N to RDT&E,DHP.</p> <p>B. Accomplishments/Planned Program</p> <table border="1"> <thead> <tr> <th></th> <th>FY 2005</th> <th>FY 2006</th> <th>FY 2007</th> </tr> </thead> <tbody> <tr> <td>Accomplishment/Effort/Subtotal Cost</td> <td>\$2,968</td> <td>\$1,000</td> <td>\$0</td> </tr> <tr> <td>RDT&E,N Articles Quantity</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>FY 2005 Accomplishments: Funded efforts to determine optimal search and rescue altitude for detection of personnel submarine mishap survivors on the surface using the SEA/RESCUE streamer in varying sea states and weather conditions.</p> <p>C. Other Program Funding Summary: Not applicable</p> <p>D. Acquisition Strategy. Not applicable</p>									FY 2005	FY 2006	FY 2007	Accomplishment/Effort/Subtotal Cost	\$2,968	\$1,000	\$0	RDT&E,N Articles Quantity			
	FY 2005	FY 2006	FY 2007																
Accomplishment/Effort/Subtotal Cost	\$2,968	\$1,000	\$0																
RDT&E,N Articles Quantity																			

Exhibit R-2a, RDT&E,N Project Justification						Date: January 2006													
Appropriation/Budget Activity RDT&E,N/BA 5				Medical Development 0604771N															
Cost (\$ in millions)	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011												
Health Query and Analysis System/9399	\$3,291	\$0	\$0	\$0	\$0	\$0	\$0												
RDT&E,N Articles Quantity																			
<p>A. Mission Description and Budget Item Justification: This project provide the funds for overhead, facility maintenance, and general-purpose equipment. The Navy Medical Research and Development Laboratories predominantly support Force Health Protection research and development of biomedical technologies that help prevent illness, reduce injuries, and enhance general medical capabilities. Since this research is predominantly biomedical and disease related, it is more appropriate that laboratories be aligned with the Defense Health Program. Funds are transferred from RDT&E,N to RDT&E,DHP.</p> <p>B. Accomplishments/Planned Program</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th></th> <th style="text-align: center;">FY 2005</th> <th style="text-align: center;">FY 2006</th> <th style="text-align: center;">FY 2007</th> </tr> </thead> <tbody> <tr> <td>Accomplishment/Effort/Subtotal Cost</td> <td style="text-align: right;">\$3,291</td> <td style="text-align: right;">\$0</td> <td style="text-align: right;">\$0</td> </tr> <tr> <td>RDT&E,N Articles Quantity</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>FY 2005 Accomplishments: Funded efforts to develop enhanced medical surveillance capability to rapidly obtain, analyze and provide more comprehensive medical information to Commanders in the field.</p> <p>C. Other Program Funding Summary: Not applicable</p> <p>D. Acquisition Strategy. Not applicable</p>									FY 2005	FY 2006	FY 2007	Accomplishment/Effort/Subtotal Cost	\$3,291	\$0	\$0	RDT&E,N Articles Quantity			
	FY 2005	FY 2006	FY 2007																
Accomplishment/Effort/Subtotal Cost	\$3,291	\$0	\$0																
RDT&E,N Articles Quantity																			

Exhibit R-2a, RDT&E,N Project Justification						Date: January 2006													
Appropriation/Budget Activity RDT&E,N/BA 5				Medical Development 0604771N															
Cost (\$ in millions)	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011												
Acceleration of Clinical Trial for Hemostatic Therapy/9592	\$1,446	\$0	\$0	\$0	\$0	\$0	\$0												
RDT&E,N Articles Quantity																			
<p>A. Mission Description and Budget Item Justification: This project provide the funds for overhead, facility maintenance, and general-purpose equipment. The Navy Medical Research and Development Laboratories predominantly support Force Health Protection research and development of biomedical technologies that help prevent illness, reduce injuries, and enhance general medical capabilities. Since this research is predominantly biomedical and disease related, it is more appropriate that laboratories be aligned with the Defense Health Program. Funds are transferred from RDT&E,N to RDT&E,DHP.</p> <p>B. Accomplishments/Planned Program</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th></th> <th style="text-align: center;">FY 2005</th> <th style="text-align: center;">FY 2006</th> <th style="text-align: center;">FY 2007</th> </tr> </thead> <tbody> <tr> <td>Accomplishment/Effort/Subtotal Cost</td> <td style="text-align: right;">\$1,446</td> <td style="text-align: right;">\$0</td> <td style="text-align: right;">\$0</td> </tr> <tr> <td>RDT&E,N Articles Quantity</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>FY 2005 Accomplishments: Funded efforts to perform a clinical trial for the proprietary hemostatic therapeutic, Stasix, a freeze-dried human platelet preparation manufactured by Hemocellular Therapeutics for the treatment of hemorrhage.</p> <p>C. Other Program Funding Summary: Not applicable</p> <p>D. Acquisition Strategy. Not applicable</p>									FY 2005	FY 2006	FY 2007	Accomplishment/Effort/Subtotal Cost	\$1,446	\$0	\$0	RDT&E,N Articles Quantity			
	FY 2005	FY 2006	FY 2007																
Accomplishment/Effort/Subtotal Cost	\$1,446	\$0	\$0																
RDT&E,N Articles Quantity																			

Exhibit R-2a, RDT&E,N Project Justification						Date: January 2006													
Appropriation/Budget Activity RDT&E,N/BA 5				Medical Development 0604771N															
Cost (\$ in millions)	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011												
Multivalent Dengue Vaccine Program/9593	\$1,941	\$1,500	\$0	\$0	\$0	\$0	\$0												
RDT&E,N Articles Quantity																			
<p>A. Mission Description and Budget Item Justification: This project provide the funds for overhead, facility maintenance, and general-purpose equipment. The Navy Medical Research and Development Laboratories predominantly support Force Health Protection research and development of biomedical technologies that help prevent illness, reduce injuries, and enhance general medical capabilities. Since this research is predominantly biomedical and disease related, it is more appropriate that laboratories be aligned with the Defense Health Program. Funds are transferred from RDT&E,N to RDT&E,DHP.</p> <p>B. Accomplishments/Planned Program</p> <table border="1"> <thead> <tr> <th></th> <th>FY 2005</th> <th>FY 2006</th> <th>FY 2007</th> </tr> </thead> <tbody> <tr> <td>Accomplishment/Effort/Subtotal Cost</td> <td>\$1,941</td> <td>\$1,500</td> <td>\$0</td> </tr> <tr> <td>RDT&E,N Articles Quantity</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>FY 2005 Accomplishments: Funded efforts to develop and conduct pre-clinical testing of a multivalent recombinant adenovirus vaccine to protect against infection with all four types of dengue fever virus.</p> <p>C. Other Program Funding Summary: Not applicable</p> <p>D. Acquisition Strategy. Not applicable</p>									FY 2005	FY 2006	FY 2007	Accomplishment/Effort/Subtotal Cost	\$1,941	\$1,500	\$0	RDT&E,N Articles Quantity			
	FY 2005	FY 2006	FY 2007																
Accomplishment/Effort/Subtotal Cost	\$1,941	\$1,500	\$0																
RDT&E,N Articles Quantity																			

Exhibit R-2a, RDT&E,N Project Justification						Date: January 2006													
Appropriation/Budget Activity RDT&E,N/BA 5				Medical Development 0604771N															
Cost (\$ in millions)	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011												
Rare Blood Program/9594	\$965	\$0	\$0	\$0	\$0	\$0	\$0												
RDT&E,N Articles Quantity																			
<p>A. Mission Description and Budget Item Justification: This project provide the funds for overhead, facility maintenance, and general-purpose equipment. The Navy Medical Research and Development Laboratories predominantly support Force Health Protection research and development of biomedical technologies that help prevent illness, reduce injuries, and enhance general medical capabilities. Since this research is predominantly biomedical and disease related, it is more appropriate that laboratories be aligned with the Defense Health Program. Funds are transferred from RDT&E,N to RDT&E,DHP.</p> <p>B. Accomplishments/Planned Program</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th></th> <th style="text-align: center;">FY 2005</th> <th style="text-align: center;">FY 2006</th> <th style="text-align: center;">FY 2007</th> </tr> </thead> <tbody> <tr> <td>Accomplishment/Effort/Subtotal Cost</td> <td style="text-align: right;">\$965</td> <td style="text-align: right;">\$0</td> <td style="text-align: right;">\$0</td> </tr> <tr> <td>RDT&E,N Articles Quantity</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>FY 2005 Accomplishments: Funding allows for increased participation in the rare blood program. This program was developed because of a need to register more ethnic minority blood donors in order to provide better matched red cells for patients with chronic transfusion needs who tend to develop antibodies after multiple transfusions.</p> <p>C. Other Program Funding Summary: Not applicable</p> <p>D. Acquisition Strategy. Not applicable</p>									FY 2005	FY 2006	FY 2007	Accomplishment/Effort/Subtotal Cost	\$965	\$0	\$0	RDT&E,N Articles Quantity			
	FY 2005	FY 2006	FY 2007																
Accomplishment/Effort/Subtotal Cost	\$965	\$0	\$0																
RDT&E,N Articles Quantity																			

Exhibit R-2a, RDT&E,N Project Justification						Date: January 2006													
Appropriation/Budget Activity RDT&E,N/BA 5				Medical Development 0604771N															
Cost (\$ in millions)	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011												
Room Elevated Temperature Stable Hemoglobin Based/9595	\$6,792	\$0	\$0	\$0	\$0	\$0	\$0												
RDT&E,N Articles Quantity																			
<p>A. Mission Description and Budget Item Justification: This project provide the funds for overhead, facility maintenance, and general-purpose equipment. The Navy Medical Research and Development Laboratories predominantly support Force Health Protection research and development of biomedical technologies that help prevent illness, reduce injuries, and enhance general medical capabilities. Since this research is predominantly biomedical and disease related, it is more appropriate that laboratories be aligned with the Defense Health Program. Funds are transferred from RDT&E,N to RDT&E,DHP.</p> <p>B. Accomplishments/Planned Program</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th></th> <th style="text-align: center;">FY 2005</th> <th style="text-align: center;">FY 2006</th> <th style="text-align: center;">FY 2007</th> </tr> </thead> <tbody> <tr> <td>Accomplishment/Effort/Subtotal Cost</td> <td style="text-align: right;">\$6,792</td> <td style="text-align: right;">\$0</td> <td style="text-align: right;">\$0</td> </tr> <tr> <td>RDT&E,N Articles Quantity</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>FY 2005 Accomplishments: Funded efforts to advance a clinical trial for the proprietary therapeutic, Hemopure, a universally compatible, hemoglobin substitute manufactured by Biopure Corporation for the treatment of hemorrhage.</p> <p>C. Other Program Funding Summary: Not applicable</p> <p>D. Acquisition Strategy. Not applicable</p>									FY 2005	FY 2006	FY 2007	Accomplishment/Effort/Subtotal Cost	\$6,792	\$0	\$0	RDT&E,N Articles Quantity			
	FY 2005	FY 2006	FY 2007																
Accomplishment/Effort/Subtotal Cost	\$6,792	\$0	\$0																
RDT&E,N Articles Quantity																			

Exhibit R-2a, RDT&E,N Project Justification						Date: January 2006													
Appropriation/Budget Activity RDT&E,N/BA 5				Medical Development 0604771N															
Cost (\$ in millions)	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011												
Somatic Cell Processing Program (Diabetes Research)/9596	\$1,349	\$1,700	\$0	\$0	\$0	\$0	\$0												
RDT&E,N Articles Quantity																			
<p>A. Mission Description and Budget Item Justification: This project provide the funds for overhead, facility maintenance, and general-purpose equipment. The Navy Medical Research and Development Laboratories predominantly support Force Health Protection research and development of biomedical technologies that help prevent illness, reduce injuries, and enhance general medical capabilities. Since this research is predominantly biomedical and disease related, it is more appropriate that laboratories be aligned with the Defense Health Program. Funds are transferred from RDT&E,N to RDT&E,DHP.</p> <p>B. Accomplishments/Planned Program</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th></th> <th style="text-align: center;">FY 2005</th> <th style="text-align: center;">FY 2006</th> <th style="text-align: center;">FY 2007</th> </tr> </thead> <tbody> <tr> <td>Accomplishment/Effort/Subtotal Cost</td> <td style="text-align: right;">\$1,349</td> <td style="text-align: right;">\$1,700</td> <td style="text-align: right;">\$0</td> </tr> <tr> <td>RDT&E,N Articles Quantity</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>FY 2005 Accomplishments: The funds will support efforts to increase research capabilities at the Diabetes Research Institute (DRI) for the development of organ transport systems, bone marrow, mesenchymal and regulatory cell research.</p> <p>C. Other Program Funding Summary: Not applicable</p> <p>D. Acquisition Strategy. Not applicable</p>									FY 2005	FY 2006	FY 2007	Accomplishment/Effort/Subtotal Cost	\$1,349	\$1,700	\$0	RDT&E,N Articles Quantity			
	FY 2005	FY 2006	FY 2007																
Accomplishment/Effort/Subtotal Cost	\$1,349	\$1,700	\$0																
RDT&E,N Articles Quantity																			

Exhibit R-2a, RDT&E,N Project Justification						Date: January 2006	
Appropriation/Budget Activity RDT&E,N/BA 5				Medical Development 0604771N			
Cost (\$ in millions)	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Congressional Adds/ 9999	\$0	\$20,900	\$0	\$0	\$0	\$0	\$0
RDT&E,N Articles Quantity							
A. Mission Description and Budget Item Justification: Congressional adds.							
B. Accomplishments/Planned Program							
	FY 2005	FY 2006	FY 2007				
Accomplishment/Effort/Subtotal Cost	\$0	\$20,900	\$0				
RDT&E,N Articles Quantity							
Bioadhesion Research to Combat/ 9735	0	2,800					
Defense Graduate Psychology/ 9736	0	3,400					
Hemoglobin-based Oxygen Carrier research/ 9737	0	4,000					
HUVACTC Proton Beam Therapy/ 9738	0	1,000					
Implantable Middle Ear Hearing/ 9739	0	1,500					
Infusible Hemostatic Therapeutic Trails/ 9740	0	1,500					
Navy Medical Interactive Data Sys/ 9741	0	4,700					
On Demand Custom Body Implants/ 9742	0	1,000					
US NAVY Cancer Vaccine Program/ 9743	0	1,000					
FY 2005 Accomplishments: Not applicable							
C. Other Program Funding Summary: Not applicable							
D. Acquisition Strategy. Not applicable							