

Defense Health Program
Fiscal Year (FY) FY 2005 Budget Estimates
Exhibit R-2, RDT&E Budget Item Justification

Date: February 2004

Appropriation/Budget Activity
Defense Health Program/BA-2

R-1 Item Nomenclature:
Biomedical Technology - 0603115

COST (\$ in Millions)	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
	<u>Actual</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>
Total PE Cost	354.8	398.4	5.0	5.0	5.0	5.0	5.0
Ovarian Cancer Research	9.7	10.0					
Post-Polio Syndrome Research	3.3	2.6					
Peer-Review Breast Cancer Research	145.8	150.0					
Peer-Review Prostate Cancer Research	82.6	85.0					
Medical Research	48.6	50.0					
(Computational) Neuroscience Research	5.8	8.5					
Periscopic Surgery	2.5	2.1					
Medical Research (HIV in Africa)	6.8	4.3					
Comprehensive Breast Care Program (CBCP)	12.4						
Chronic Mylogenous Leukemia	4.1						
Coronary & Prostate Disease Reversal	5.0						
Hyperbaric Oxygen Therapy for Cerebral Palsy at WPA	1.0						
Tuberous Sclerosis Complex (TSC) Research	1.9	3.0					
US Military Cancer Institute at USUHS	2.5	3.0					
Volume Angio CAT (VAC) Research		4.0					
Peer Reviewed Breast Cancer Imaging Research	5.8						
HIV Research Program	6.1						
Military Complementary & Alternative Medicine	1.9	3.0					
Nursing Telehealth Research Program	2.5						
Muscular Dystrophy Research	3.3	4.3					
Medical Error Demonstration Project	1.5						
Veterans Collaborative Care Model	1.7						
Deployed Warfighter Capability		5.0	5.0	5.0	5.0	5.0	5.0
Anti-Radiation Drug Development at AFRRRI		2.5					
Border Health and Environmental Threats Initiative		1.0					
Comprehensive Reproductive System Care		13.6					
Computer Assisted Cancer Device		1.0					
Donor Card Blood Demonstration		1.0					
Genetic Cancer Research		2.0					
Gynecological Cancer Center		2.1					
Healthcare Infomatics Testbed		1.7					
Integrated Healing Practices for Veterans		1.2					
Joint Replacement Program		1.0					
Laser Vision Correction		1.5					
Chronic Mylogenous Leukemia Research (CMLRP)		4.3					

Defense Health Program
 Fiscal Year (FY) FY 2005 Budget Estimates
 Exhibit R-2, RDT&E Budget Item Justification

Date: February 2004

Appropriation/Budget Activity
 Defense Health Program/BA-2

R-1 Item Nomenclature:
 Biomedical Technology - 0603115 (Continued)

COST (\$ in Millions)	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
	<u>Actual</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>
Manganese Health Research		1.4					
Medical Error Reduction Initiative		1.0					
Molecular and Clinical Based Comprehensive Cardiac Care		6.0					
Molecular Medicine		1.0					
Muscle Research Consortium		1.0					
Myeloproliferative Disorders Research		4.3					
Neurogenetic Research and Computational Genomics		1.0					
Ophthalmology Training and Education		1.0					
Portable Remote Medical Collection and Relay Capability		1.5					
Prevent Medicine Research for Prostate Cancer		1.0					
Spinal Cord Injury Research		1.8					
Type 2 Diabetes Research		10.0					

A. Mission Description and Budget Item Justification:

The programs reflect Congressionally mandated requirements for medical research. Congressionally mandated medical requirements were appropriated as part of the Defense Health Program, beginning in Fiscal Year 1999 National Defense Appropriation Act, for specific medical RDT&E projects. These unique one-time projects were not programmed by the Department.

Program emphasis has been on (1) building a national research infrastructure by funding large, multidisciplinary program projects focused on detection; (2) encouraging innovative approaches to research by funding new ideas and technology with or without supporting preliminary data; and (3) recruiting new, independent investigators for careers research, as well as more senior investigators new to the research field.

B. Program Change Summary:

COST (\$ in Millions)	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
	<u>Actual</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>

N/A

C. Other Program Funding Summary:

N/A