

Defense Health Program
 Fiscal Year (FY) 2004/FY 2005 Biennial Budget Estimates
 Exhibit R-2, RDT&E Budget Item Justification

Date: February 2003

Appropriation/Budget Activity
 Defense Health Program/BA-3

R-1 Item Nomenclature:
 Biomedical Technology - 0603115

COST (\$ in Millions)	FY 2002 <u>Actual</u>	FY 2003 <u>Estimate</u>	FY 2004 <u>Estimate</u>	FY 2005 <u>Estimate</u>	FY 2006 <u>Estimate</u>	FY 2007 <u>Estimate</u>	FY 2008 <u>Estimate</u>	FY 2009 <u>Estimate</u>
Total PE Cost	389.1	363.9	5.0	5.0	5.0	5.0	5.0	5.0
Ovarian Cancer Research	9.9	10.0						
Post-Polio Syndrome Research		3.4						
Breast Cancer Research	146.2	149.6						
Prostate Cancer Research	82.8	84.8						
General Medical Research	48.7	49.8						
Periscopic Surgery	2.4	2.5						
Global HIV/AIDS Prevention	13.6	7.0						
ACP-215, Blood Cell Washer	1.9							
Advanced Cancer Detection	3.4							
Comprehensive Breast Care Program	11.6	12.7						
Chronic Mylogenous Leukemia	4.8	4.2						
Comprehensive Neuroscience Center	7.8	5.9						
Coronary and Prostate Disease Reversal	5.8	5.1						
Hyperbaric Oxygen Therapy for Cerebral Palsy	1.0	1.0						
National Center for Collaboration in Medical Modeling	0.2							
TRIES-AFIEA Environmental Border Health Demo	1.4							
Tuberous Sclerosis Complex	0.9	2.0						
US Military Cancer Institute at USUHS	2.5	2.5						
National Prion Research Project	41.4							
Microbiology Support Team	1.9							
Advances in Medical Practice	0.9							
Veterans Collaborative Care Model		1.7						
Peer Reviewed Breast Cancer Imaging Research		6.0						
HIV Research Program at WRAIR		6.3						
Military Complementary & Alternative Medicine		2.0						
Nursing Telehealth Research Program		2.5						
Muscular Dystrophy Research		3.4						
Medical Error Demonstration Project		1.5						
Deployed Warfighter Protection			5.0	5.0	5.0	5.0	5.0	5.0

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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 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
	<u>Actual</u>	<u>Estimate</u>						
Total Program Change Cost	0.0	0.0	5.0	5.0	5.0	5.0	5.0	5.0
Deployed Warfighter Protection			5.0	5.0	5.0	5.0	5.0	5.0

Deployed Warfighter Protection is for development of protection for ground forces from disease-carrying insects.

C. Other Program Funding Summary: N/A