

Defense Health Program
 Fiscal Year (FY) 2011 Budget Estimates
 Exhibit R-2, DHP RDT&E Budget Item Justification

Appropriation/Budget Activity
 Defense Health Program/BA: 2

DATE: February 2010
 R1 Item Nomenclature: 9
 Medical Products and Support Systems Dev
 0605145HP

COST: (Dollars in Millions)

	2009 Actual	2010 Estimate	2011 Estimate	2012 Estimate	2013 Estimate	2014 Estimate	2015 Estimate
Total PE 0605145	0.000	0.803	0.000	18.959	64.094	91.126	98.607
GDF-Medical Products and Support Systems Development (GDF- MPSSD)	0.000	0.803	0.000	18.959	64.094	91.126	98.607

A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: This Program Element (PE) funds system development and demonstration of medical commodities delivered from Medical Advanced Component Development that are directed at meeting validated requirements prior to full-rate initial production and fielding, including initial operational test and evaluation and clinical trials. Research in this PE is designed to address areas of interest to the Secretary of Defense and to close medical capability gaps associated with the Joint Force Health Protection Concept of Operations (JFHP CONOPS) and derivative Joint Capability Documents (JCD). Program development and execution is peer-reviewed and fully coordinated with all Services and other agencies through the Expanded-Joint Technology Coordinating Groups under the Armed Services Biomedical Evaluation and Management (ASBREM) Committee to assure quality, relevance, and responsiveness to military operational needs, the needs of the Military Health System and the JFHP CONOPS and JCDs. Research includes development and demonstration of medical modeling and simulation systems for training/education/treatment, and medical system development and demonstration.

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B. PROGRAM CHANGE SUMMARY:

	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>
FY11 Budget Estimate RDT&E	0.000	0.824	0.000	18.959
SBIR	0.000	-0.021	0.000	0.000
FY11 Budget Submission RDT&E	0.000	0.803	0.000	18.959

PROGRAM CHANGE SUMMARY EXPLANATION:

FY09:
No Change.

FY10:
SBIR Transfer from DHP RDT&E Program Element 0605145-Medical Products and Support Systems Development to DHP RDT&E Program Element 0605502-Small Business Innovation Research (SBIR) (-\$0.021 million).

FY11:
No Change.

FY12:
No Change.

C. OTHER PROGRAM FUNDING SUMMARY: None.

D. ACQUISITION STRATEGY: Not Required.

E. PERFORMANCE METRICS:

The benchmark performance metric for transition of research supported in this PE will be the attainment of a maturity level that is typical of TRL 8.