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**Exhibit R-2A, RDT&E Project Justification: PB 2012 Army**

**DATE:** February 2011

<b>APPROPRIATION/BUDGET ACTIVITY</b> 2040: Research, Development, Test & Evaluation, Army BA 2: Applied Research	<b>R-1 ITEM NOMENCLATURE</b> PE 0602787A: MEDICAL TECHNOLOGY	<b>PROJECT</b> PA4: WOUND HEALING PROJECT (CA)
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<b>COST (\$ in Millions)</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012 Base</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
PA4: WOUND HEALING PROJECT (CA)	1.989	-	-	-	-	-	-	-	-	Continuing	Continuing

**A. Mission Description and Budget Item Justification**  
Congressional Interest Item funding for Wound Healing applied research.

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

**Title:** Rapid Wound Healing Technology Development

**Description:** This is a Congressional Interest Item.

**FY 2010 Accomplishments:**

Researched rapid wound healing technology.

**Accomplishments/Planned Programs Subtotals**

<b>FY 2010</b>	1.989	<b>FY 2011</b>	-	<b>FY 2012</b>	-
<b>Accomplishments/Planned Programs Subtotals</b>	1.989		-		-

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

N/A

**D. Acquisition Strategy**

N/A

**E. Performance Metrics**

Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.

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<b>APPROPRIATION/BUDGET ACTIVITY</b>		<b>R-1 ITEM NOMENCLATURE</b>	<b>PROJECT</b>
2040: Research, Development, Test & Evaluation, Army BA 2: Applied Research		PE 0602787A: MEDICAL TECHNOLOGY	VB3: MEDICAL TECHNOLOGY INITIATIVES (CA)
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>			
<b>FY 2010 Accomplishments:</b>			
Control of Vector-Borne Diseases			
<b>Title:</b> Extended Duration Silver Wound Dressing-Clinical Trials	0.796	-	-
<b>Description:</b> This is a Congressional Interest Item.			
<b>FY 2010 Accomplishments:</b>			
Extended Duration Silver Wound Dressing-Clinical Trials			
<b>Title:</b> Nano-Imaging Agents for Early Disease Detection	0.796	-	-
<b>Description:</b> This is a Congressional Interest Item.			
<b>FY 2010 Accomplishments:</b>			
Nano-Imaging Agents for Early Disease Detection			
<b>Title:</b> Self-Powered Prosthetic Limb Technology	1.592	-	-
<b>Description:</b> This is a Congressional Interest Item.			
<b>FY 2010 Accomplishments:</b>			
Self-Powered Prosthetic Limb Technology			
<b>Title:</b> Development of Drugs for Malaria and Leishmaniasis in US Military and Civilian Personnel	3.104	-	-
<b>Description:</b> This is a Congressional Interest Item.			
<b>FY 2010 Accomplishments:</b>			
Development of Drugs for Malaria and Leishmaniasis in US Military and Civilian Personnel			
<b>Title:</b> Expansion and Development, Upper and Lower Bionic Limbs	1.990	-	-
<b>Description:</b> This is a Congressional Interest Item.			
<b>FY 2010 Accomplishments:</b>			
Expansion and Development, Upper and Lower Bionic Limbs			
<b>Title:</b> Optical Neural Techniques for Combat/Post-Trauma Healthcare	3.482	-	-
<b>Description:</b> Optical Neural Techniques for Combat/Post-Trauma Healthcare			

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<b>APPROPRIATION/BUDGET ACTIVITY</b>	<b>R-1 ITEM NOMENCLATURE</b>	<b>PROJECT</b>	
2040: Research, Development, Test & Evaluation, Army BA 2: Applied Research	PE 0602787A: MEDICAL TECHNOLOGY	VB3: MEDICAL TECHNOLOGY INITIATIVES (CA)	
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>			
<b>FY 2010 Accomplishments:</b> This is a Congressional Interest Item.		<b>FY 2010</b>	<b>FY 2011</b>
<b>Title:</b> National Eye Eval & Research Network (NEER)-Clinical Trials of Orphan Retinal Degenerative Diseases <b>Description:</b> This is a Congressional Interest Item.		2.387	-
<b>FY 2010 Accomplishments:</b> National Eye Eval & Research Network (NEER)-Clinical Trials of Orphan Retinal Degenerative Diseases <b>Title:</b> New York Medical College Bioterrorism Research <b>Description:</b> This is a Congressional Interest Item.		0.131	-
<b>FY 2010 Accomplishments:</b> New York Medical College Bioterrorism Research <b>Title:</b> Center for Engineered Biomedical Devices <b>Description:</b> This is a Congressional Interest Item.		0.286	-
<b>FY 2010 Accomplishments:</b> Center for Engineered Biomedical Devices <b>Title:</b> Lightweight, Battery Driven and Battlefield Deployment Ready NG Feeding Tube Cleaner <b>Description:</b> This is a Congressional Interest Item.		0.496	-
<b>FY 2010 Accomplishments:</b> Lightweight, Battery Driven and Battlefield Deployment Ready NG Feeding Tube Cleaner <b>Title:</b> Eye Trauma and Visual Restoration <b>Description:</b> Eye Trauma and Visual Restoration		0.795	-
<b>FY 2010 Accomplishments:</b> This is a Congressional Interest Item. <b>Title:</b> Carbide-Derived Carbon for Treatment of Combat Related Sepsis <b>Description:</b> This is a Congressional Interest Item.		0.796	-

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