

USAMMDA INFORMATION PAPER**PRODUCT: HEMOSTATIC DRESSING**

DESCRIPTION: The Hemostatic Dressing (HD) is intended to provide a revolutionary improvement in the control of severe life-threatening hemorrhage. The goal is to have a dressing that, when applied with direct pressure, will stop severe arterial, venous, or mixed bleeding within four minutes. Utilizing combinations of biologically compatible components that can be put on, or into a casualty, it is intended for use by the combat medic/combat lifesaver and other medical personnel on the battlefield.

PROGRAM RELEVANCE TO THE ARMY: This product supports both the core mission of the Army and the Army Campaign Plan. Of the Army's core competencies, this product supports "Forcible Entry Operations," "Sustained Land Dominance," and "Support of Civil Authorities." In any conflict or civilian disaster, it is an unfortunate fact that there will be casualties with severe bleeding. This product is intended to save soldiers' lives in those situations. The aid man and the combat lifesaver will use it far forward to reduce bleeding and allow the casualty to be evacuated to available medical assets further back, again reducing the logistical burden far forward. This product supports Future Operational Capabilities: MD-02-001 Clearing the Battlefield and MD-02-002 Hospitalization.

ISSUES/ACTIONS:

- The U.S. Special Operations Command fielded the HD in Operation Iraqi Freedom (OIF) under a battlefield Investigational New Drug protocol beginning March 2003.
- The HD was used one time to treat a soldier (consented subject) with a through and through gunshot wound to the thigh. The soldier made an uneventful recovery and has since returned to duty.
- With the ending of major hostilities in OIF, numerous personnel changes took place in theater, including protocol study staff members and consented subjects, which necessitated the termination of the protocol. The principal investigator terminated the protocol on 26 August 2003.
- Affordability continues to be the primary risk.
- A head-to-head evaluation of the HD and Chitosan Dressing is planned.

ADDITIONAL INFORMATION:**BPL # 375****DA PROJECT/TASK:** Trauma Management –
PE/PROJ 643807/836BH**MAMP RANK:** 1/36**ARMY ORD:** Approved, 28 April 1999**SOCOM ORD:** Approved, 15 June 1998**SCHEDULE:**

MS I	4QFY00
MS B	2QFY05
FRP	3QFY09

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