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Release Date: 12/14/2018

ARMY FUNDS TREATMENT FOR ABDOMINAL
HEMORRHAGING THROUGH MTEC

Charleston, SC – In partnership with the U.S. Army Medical Research and Materiel Command (USAMRMC), the Medical Technology Enterprise Consortium (MTEC) is pleased to announce that Critical Innovations, LLC, has been awarded funding to conduct clinical testing of the Fast Onset Abdominal Management (F.O.A.M.)™ intervention to control intra-abdominal hemorrhaging in out-of-hospital settings.

Military conflicts expose service members to injuries that may cause severe intra-abdominal bleeding, which currently requires operative treatment by trained surgeons. F.O.A.M. is a pilot-stage, easily transportable medical device that can be used to control abdominal hemorrhage in out-of-hospital, prolonged field care, and forward surgical environments.

Critical Innovations and the supporting project team will evaluate the safety of this intervention, will identify any side effects of F.O.A.M., and will conduct testing to determine an optimal dosage range. This project will build on previous work funded by the Air Force Medical Support Agency (AFMSA) that demonstrated the feasibility of F.O.A.M. as an intervention for non-compressible intra-abdominal hemorrhage.

MTEC awarded the Critical Innovations team project ceiling in the amount of \$654,043. The project team will seek to advance the F.O.A.M. device to technology readiness level (TRL) 4, working to optimize the device prototype and refine a method to allow field delivery by non-surgeons.

Lester Martinez, MD, MPH, Major General (Retired), U.S. Army, President and Chairman of MTEC Board acknowledged the tremendous value of the team's research. "Congratulations to the Critical Innovations team on this award—MTEC is honored to support their research efforts to enhance emergency measures to stop abdominal hemorrhaging, which can save the lives of many American Soldiers, Sailors, Airmen, and Marines," Martinez stated.

MTEC is a biomedical technology consortium collaborating with multiple government agencies under a 10-year renewable Other Transaction Agreement with the U.S. Army Medical Research and Materiel Command. To find out more about MTEC, visit www.mtec-sc.org.



