

Tactical Medical Lower

Emergency Medical Trauma Trainer (EMITT-TacMed)



The TraumaFX® Emergency Medical Trauma Trainer (EMITT) is a collection of mid-fidelity medical simulators created specifically to address training requirements for civilian first responders. The EMITT-Tactical Medical Lower offers advanced features and training capabilities for EMTs, Paramedics and other First Responders such as a packable hemostatic wound at the inguinal crease (replicated from a gunshot exit wound) and a lower-leg amputation for tourniquet training. Constructed with a strong urethane core and realistic, durable synthetic skin, the TacMed Lower is an extremely effective multipurpose training tool allowing learners to perform critical life-saving tasks while training in nearly any environment or weather condition.

Rugged, Durable and Reliable

Each TraumaFX product is designed from the ground up for ruggedness and durability with careful consideration of materials and manufacturing processes to create products that last. They are water resistant and can be used in nearly any weather condition or environment, and can be transported in any vehicle or aircraft to ensure the most authentic training experience.

Remote Controlled with Real-time Sensor Data

All TraumaFX mid and high-fidelity simulators are operated by a long-range RC controller which includes real-time telemetry to monitor medical interventions. Easy to use, menu-driven software takes only minutes to learn and sensor data is immediately displayed on the main control screen for quick reference. The display shows key vitals and provides instructors with instant data on the effectiveness of student interventions such as tourniquet application, wound hemostasis, airway intervention and more.



Mix-N-Match

TraumaFX upper and lower trainers can be combined in any configuration to increase training capabilities

DATA SHEET

Key Benefits of EMITT-TacMed Lower

- Full left leg with a hemostatic wound at the inguinal crease that requires packing with gauze and the application of measurable pressure
- Advanced Sensor Technology provides trainers/learners with Instantaneous feedback of applied pressure, time to occlude bleeding, and volume of blood loss for After Action Reporting (AAR)
- Arterial bleeding from the amputation requiring correct tourniquet placement
- Responds to direct femoral artery pressure for immediate bleeding control
- Tibia intraosseous infusion training site
- Specially formulated synthetic tissue with unparalleled realism and durability providing visual and tactile stimuli
- Instantaneous feedback provided through proprietary Remote Control (RC) transmitter with extended operating range
- Can be used with human actors
- Scrotal avulsion
- Water resistant
- Easy to clean and maintain after use
- Optional non-bleeding lower leg with crush injury

Remote Control and Sensor Features

The RC remote control offers an LCD display screen for ease of operations. It provides full system operation from up to 200 yards away and includes real-time telemetry for sensor feedback and vitals data.

Sensor and vitals data for the TacMed Lower include:

- Inguinal crease wound (bleeding status, pressure applied, and time)
- Amputation bleeding/occluded (proper tourniquet application)
- Blood loss (volume)
- Heart rate
- Blood pressure
- Patient alive/expired



Combine EMITT Components

All EMITT simulator components (upper and lower units) are inter-compatible with each other and with any other TraumaFX simulator, allowing you to mix and match pieces to create an optimal training experience.



TacMed Upper



TacMed Lower



Active Shooter Upper



Active Shooter Lower

TraumaFX Multiple Amputation Trauma Trainer (MATT)® Awards



AMSO Award



Governors Award



SBIR Award

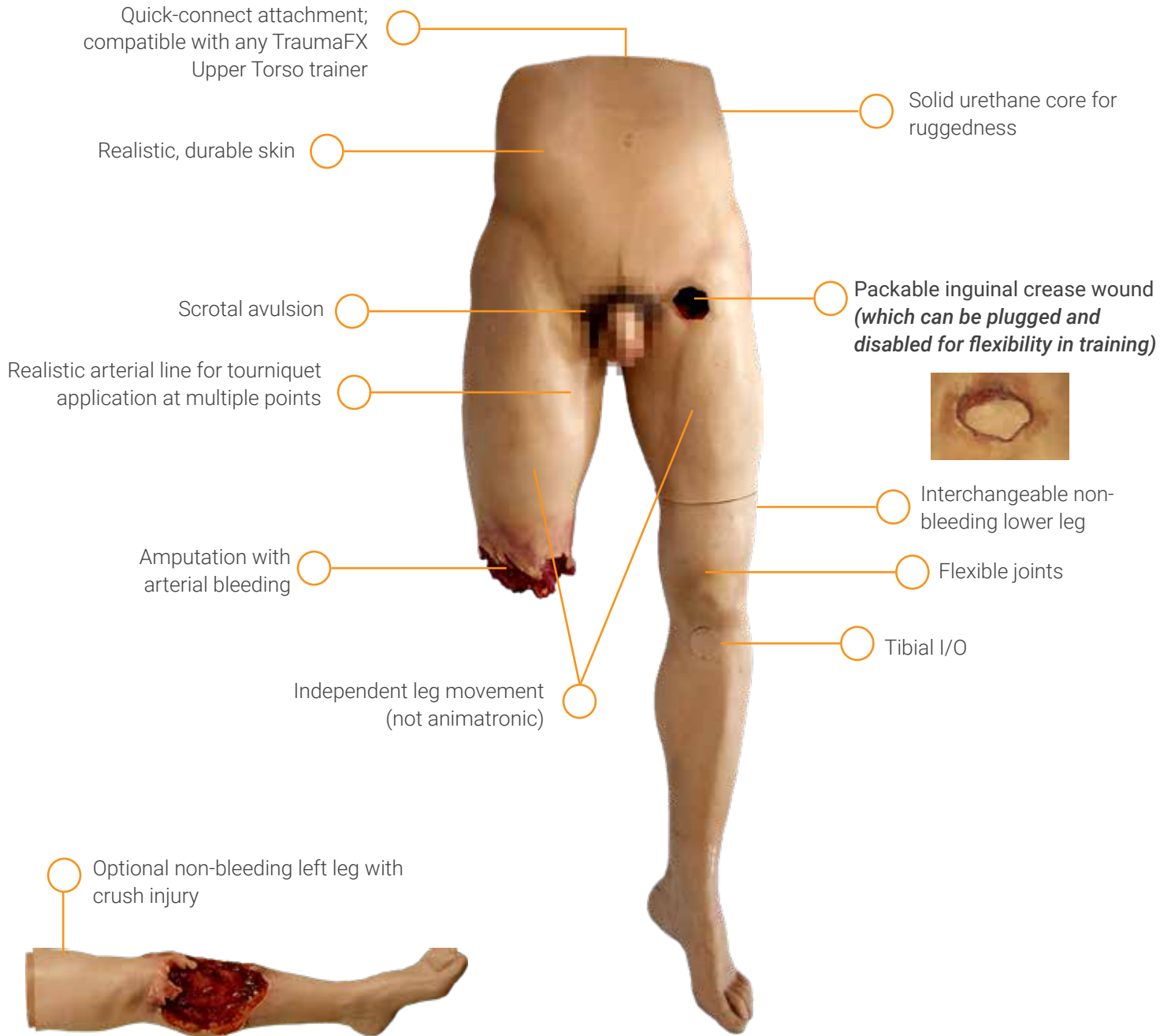


Modeling & Simulation
Training Team Award

Contract Vehicles:

GSA: GS-07F-063DA
DLA ECAT: SPE2DH-18-D-0008
PEO STRI TATT: W900KK-14-D-0004
PEO STRI VPSS: W900KK-18-D-0012

TacMed Lower Feature Guide



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