

Clinical Response Lower (CRL)



The TraumaFX[®] Clinical Response Lower (CRL) is a ruggedized, tetherless, remote-controlled human patient medical trainer that delivers high-fidelity realism and durability creating the most authentic simulation of traumatic injuries to support the Continuum of Care – Point of Injury (POI), Secondary Care and Prolonged Field Care. The CRL adds to the robust capabilities of the Multiple Amputation Trauma Trainer (MATT)[®] and Packable Hemostatic (HEMO) Trauma Trainer and delivers a full left leg with a bleeding wound at the inguinal crease for hemostatic wound training, catheterization capabilities, and a traumatic amputation of the right leg requiring a tourniquet.

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 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, needle decompression, and chest tube placement.



Mix-N-Match

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

DATA SHEET

Key Benefits of TraumaFX CRL

- Full left leg with a hemostatic wound at the inguinal crease that requires packing with gauze and the application of measurable pressure
- Right leg amputation at the knee with popliteal artery bleed with realistic tourniquet site
- 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)
- Lifelike leg movement, remote controlled using practical and durable special effects animatronics technology
- Foley catheterization with simulated urine
- Femoral and pedal pulse
- Tibial (bone plug) infusible intraosseous (I/O) trainer
- Bilateral intramuscular injection sites (skin/muscle plug) at the thigh
- Specially formulated synthetic tissue with unparalleled realism and durability providing realistic visual and tactile stimuli
- Responds to direct pressure for immediate bleeding control
- Instantaneous feedback provided through proprietary remote control (RC) transmitter with extended operating range
- Crepitus to cue for crushed pelvis injury
- Scrotal Avulsion with optional interchangeable priapism
- Water resistant
- Easy to clean and maintain after use
- Optional non-bleeding crushed left leg, burn leg (*optional legs do not include pedal pulse*)
- Optional interchangeable priapism

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 CRL include:

- Inguinal crease wound (bleeding status, pressure applied, and time)
- Amputation bleeding/occluded (proper tourniquet application)
- Pulse rate and strength
- Blood loss (volume)
- Blood pressure
- Leg movement manual/auto
- Patient alive/expired



TraumaFX Multiple Amputation Trauma Trainer (MATT)® Awards



AMS Award



Governors Award



SBIR Award

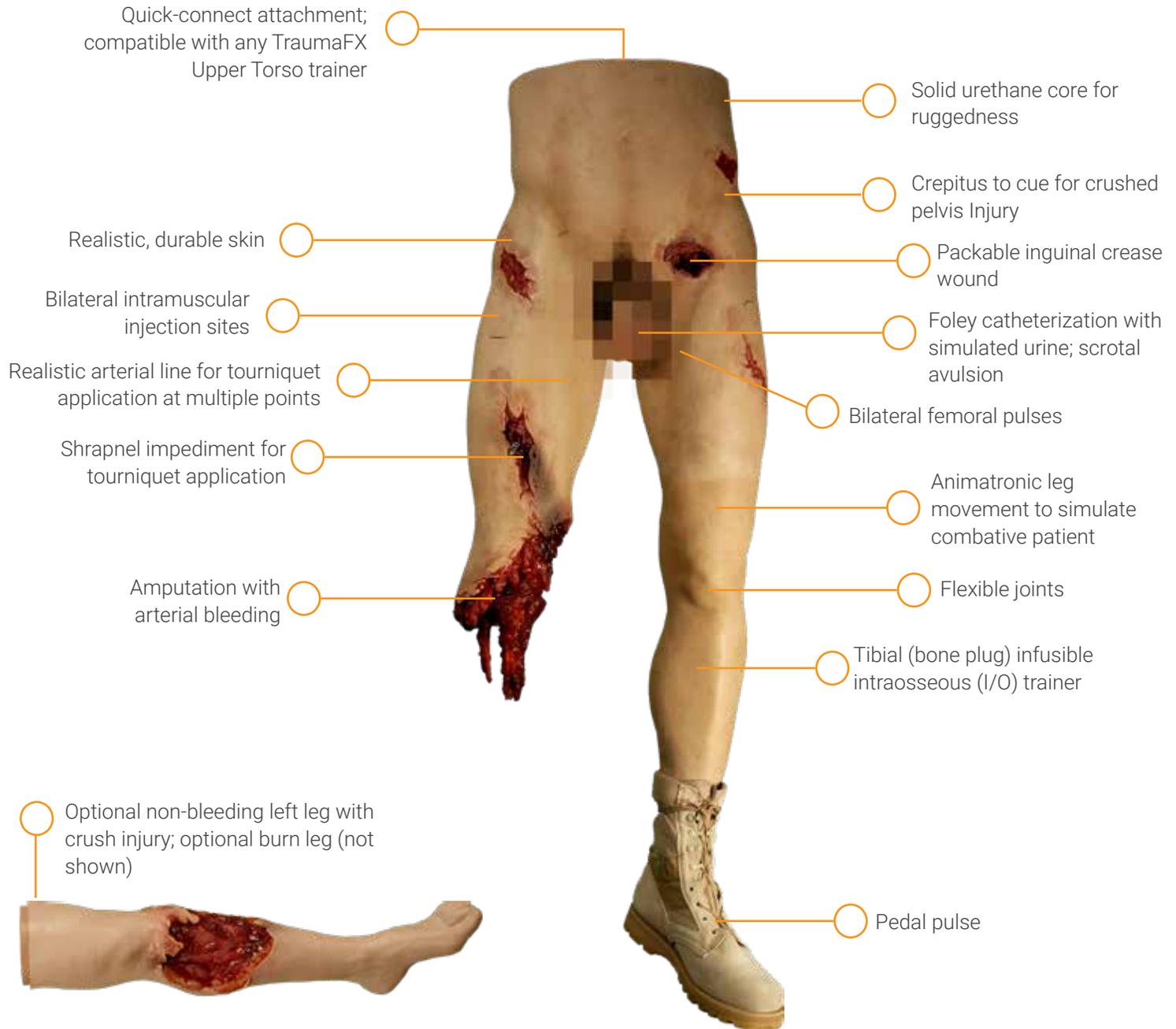


Modeling & Simulation
Training Team Award

Contract Vehicles:

GSA: GS-07F-063DA
DLA ECAT: SPE2DH-18-D-0008
PEO STRI TATT II: W900KK-19-D-0005
PEO STRI VPSS: W900KK-18-D-0012
NATO Logistics Stock Exchange

CRL Feature Guide



All TraumaFX Products are handcrafted in the USA

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