TACMED SIMULATION

TACMED SIMULATION

SCAN FOR WEBSITE

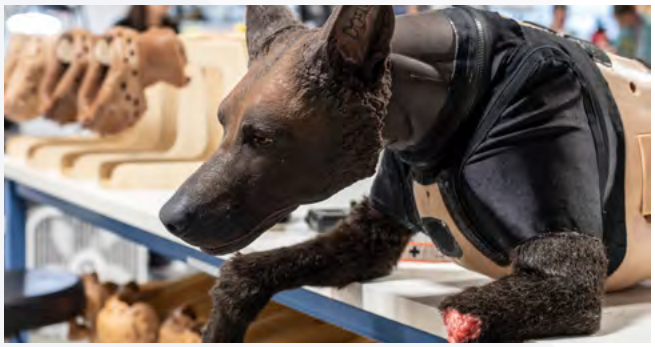
The first **TacMed Simulation™** manikin was developed under a research and development contract with the U.S. Army ARL-STTC to design and build a new medical training system for the treatment of severe blast trauma. The resulting technology was so effective and well received that **TacMedSimulation™** was launched as a commercial product line. Today we have a broad portfolio of training systems to meet almost any need.

CREATIVE SOLUTIONS

We design innovative simulation solutions leveraging the talents and leadership of artists and technicians who honed their skills working for over 25 years in Lucasfilm's motion picture special effects division, Industrial Light and Magic (ILM).

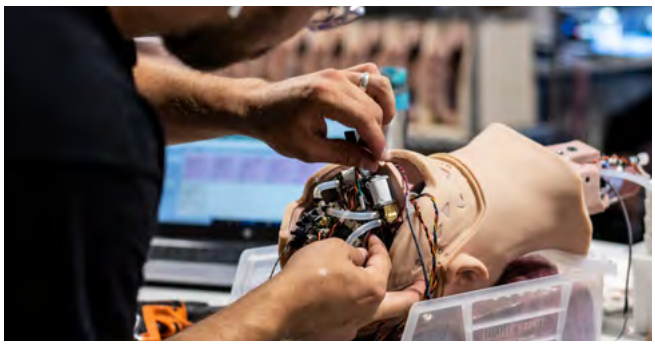
LIFELIKE PHYSIOLOGY

The highly realistic appearance combined with lifelike feel, anatomical fidelity, autonomous response to treatment, and accurate weight create an immersive training experience unlike any other medical patient simulator.



BUILT TO LAST

We specialize in high-fidelity, ruggedized simulators to deliver the most lifelike experience for trainees while enabling field exercises in any environment and in any weather condition.



REAL-TIME SENSOR DATA

Advanced sensors monitor medical interventions and patient status, transmitting that data wirelessly, in real time, to the ruggedized remote control so trainers can evaluate student performance as it happens.

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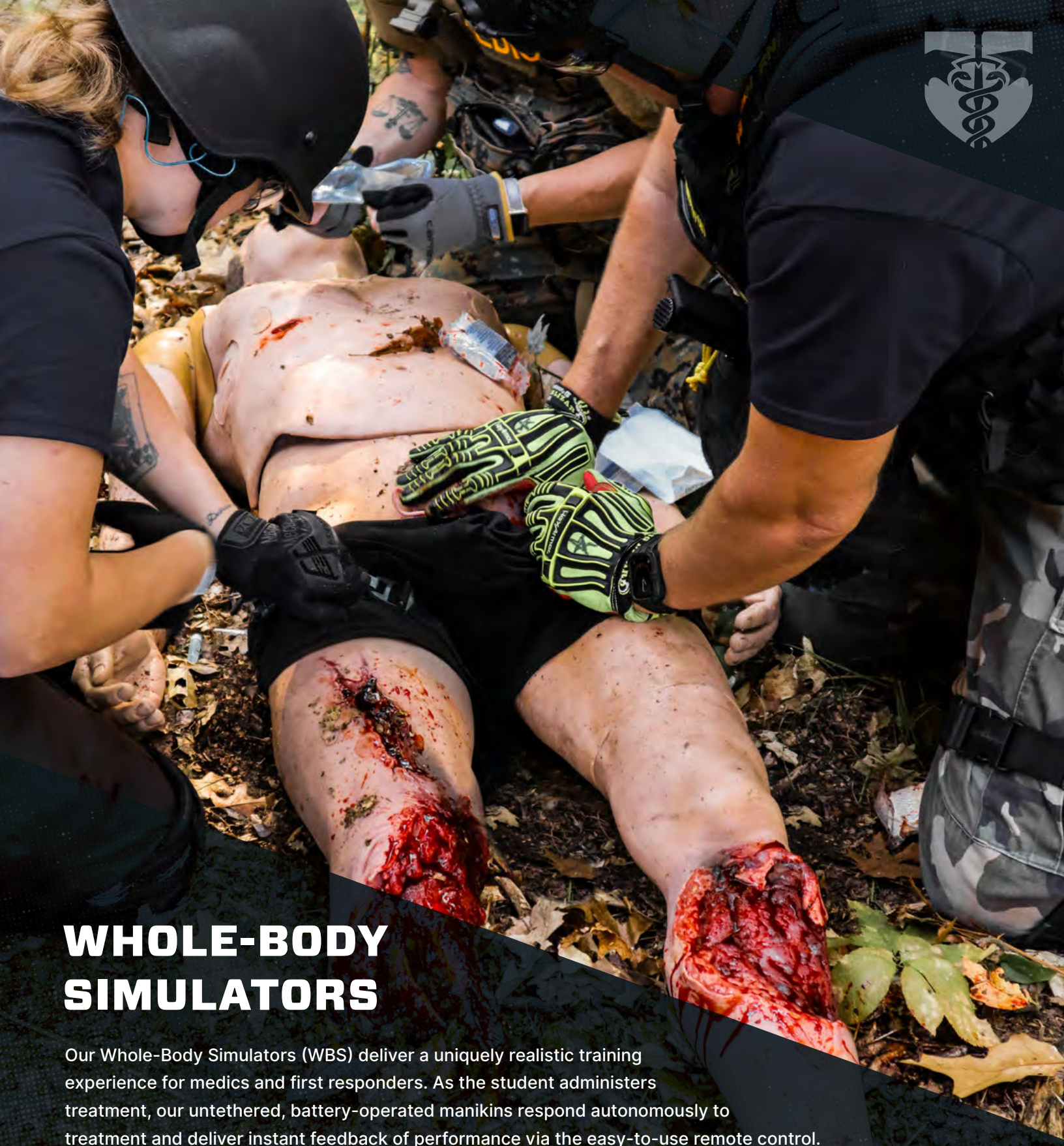
TMSIMULATION.COM



WHOLE-BODY SIMULATORS

Our Whole-Body Simulators (WBS) deliver a uniquely realistic training experience for medics and first responders. As the student administers treatment, our untethered, battery-operated manikins respond autonomously to treatment and deliver instant feedback of performance via the easy-to-use remote control. Constructed with a durable urethane core and specially formulated, lifelike silicone skin, the simulators are designed to operate in austere conditions and tough, outdoor scenarios.

Each WBS system consists of an upper and lower torso that disconnect for easier storage and transportation. When assembled, the simulator functions as a complete human body and can be operated by a single remote control. Injuries, bleeding, and interventions performed (or not performed) affect overall patient health and vitals.

MATTi™

NEW

MATTi™

FEMALE: MODULAR MEDICAL CASUALTY CARE™

CREATED SPECIFICALLY TO ALLOW TRAINING FOR CASUALTY AND CRITICAL CARE SCENARIOS ON FEMALE PATIENTS

SCAN FOR SPEC SHEET

MODULAR TO MEET EVERY PHASE OF CASUALTY & CRITICAL CARE

The **TacMed Simulation™ MATTi™** is a modular whole-body female medical simulator with fully-interchangeable wounded limb configurations and the technology built in to automatically detect the specific wound configuration being attached.

MATTi™ is engineered to be a durable, rugged, and extremely effective multi-purpose training tool that can operate in any environment or weather condition. **MATTi™** is tough enough to withstand casualty evacuation procedures, with the ability to be dragged by an individual limb. Learners will experience realistic training scenarios at the point-of-injury and throughout the continuum of care by performing critical life-saving tasks that follow the MARCH algorithm, including treating for compressible and non-compressible massive hemorrhage, opening and maintaining an airway, needle decompression, cricothyroidotomy, CPR, intraosseous (I/O) and intravenous (IV) infusion, and chest tube insertion.

MATTi™ is outfitted with an array of internal sensors, providing trackable real-time vitals and performance data to the instructor via the Remote Control tablet.

WBS-CRU-R

TFX-WBS-CR2-1

The **Whole-Body Simulator Clinical Response Upper - Resuscitate (WBS-CRU-R)** was created specifically to address the treatment of traumatic injuries to deliver a uniquely realistic training experience for medics and first responders. Ideal for Prolonged Field Care, the system is an extremely effective multipurpose training tool allowing learners to perform a wide range of critical life-saving tasks.

In addition to core trauma injuries and interventions such as hemorrhage control and airway management, the WBS-CRU-R offers advanced clinical features such as light-reactive eyes, blood pressure (with any standard BP cuff), heart and breath sounds, burns to the right arm, CPR, Foley catheter with urine release, and multiple pulse points.

KEY FEATURES

- Realistic Airway & Breathing
- Intubation & Cricothyroidotomy
- Simulated Tension Pneumothorax
- NCD w/ Air Release & Feedback
- Subclavian Ultrasound Site
- CPR Compatible
- Bilateral Chest Tube Insertion
- Bleeding & Occlusion Feedback
- Amputation & Packable Wound
- Infusible IV with Flash Cue
- Real-Time Feedback on Remote
- Animatronic Movement

WBS-HEMO-PB

TFX-WBS-HPB-1

The **Whole-Body Simulator HEMO-PB (WBS-HEMO-PB)** is a rugged, realistic full body trainer for the treatment of severe trauma. Purpose-built for field exercises and for use in any weather or environment, the WBS HEMO-PB offers realistic leg movement and lifelike arterial bleeding that delivers ultra-high-fidelity training for a truly immersive learning experience. It also incorporates a deep wound at the inguinal crease for hemostatic training.

Learners can use field techniques such as hand, knee and elbow pressure to occlude bleeding. It offers pulses, breathing, and real-time feedback through our long-range remote control, and users can physically locate both radial and carotid pulses, assess breathing patterns, and use this information to perform appropriate interventions.

KEY FEATURES

- Realistic Airway & Breathing
- Intubation & Cricothyroidotomy
- Simulated Tension Pneumothorax
- NCD w/ Air Release & Feedback
- Bilateral Chest Tube Insertion
- Bleeding & Occlusion Feedback
- Amputation & Packable Wound
- Infusible IV with Flash Cue
- Real-Time Feedback on Remote
- Animatronic Movement

WBS-MATT-PB

TFX-WBS-MPB-1

The **Whole-Body Simulator Multiple Amputation Trauma Trainer (MATT)® Pulses & Breathing (WBS-MATT-PB)** is a rugged, realistic full body trainer for the treatment of severe trauma. Purpose-built for field exercises and for use in any weather or environment, the WBS-MATT-PB offers realistic leg movement and lifelike arterial bleeding that delivers ultra-high-fidelity training for a truly immersive learning experience. It also incorporates pulses, breathing, and real-time feedback through our long-range remote control.

Using the WBS-MATT-PB, learners can use field techniques such as hand, knee and elbow pressure to occlude bleeding. They can physically locate both radial and carotid pulses, assess breathing patterns, and use this information to perform appropriate interventions.

KEY FEATURES

- Realistic Airway & Breathing
- Intubation & Cricothyroidotomy
- Simulated Tension Pneumothorax
- NCD w/ Air Release & Feedback
- Bilateral Chest Tube Insertion
- Bleeding & Occlusion Feedback
- Bilateral Leg Amputations
- Infusible IV with Flash Cue
- Real-Time Feedback on Remote
- Animatronic Movement
- Optional: Amputation & Burn Arm

WBS-EMITT-TM

TFX-EMITT-TM-1

The **Whole-Body Simulator Emergency Medical Trauma Trainer Tactical Medical (WBS-EMITT-TM)** is a high-fidelity medical simulator created specifically to address training requirements for medics and civilian first responders. The WBS-EMITT-TM offers advanced features and training capabilities such as breathing, intubation, tension pneumothorax, a sucking chest wound, infusible IV, amputation, packable wound, and more.

Constructed with a strong urethane core and realistic, durable synthetic skin, the WBS-EMITT-TM is an extremely effective multipurpose training tool allowing learners to perform critical life-saving tasks while training in nearly any environment or weather condition.

KEY FEATURES

- Realistic Airway & Breathing
- Intubation & Cricothyroidotomy
- Simulated Tension Pneumothorax
- Needle Decompression
- Intraosseous infusion
- Bleeding & Occlusion Feedback
- Amputation & Packable Wound
- Infusible IV with Flash Cue
- Real-Time Feedback on Remote
- Optional: Amputation (bleeding) & Burn Arm

WBS-EMITT-TMASL

TFX-EMITT-TMASL-1

The **Whole-Body Simulator Emergency Medical Trauma Trainer Tactical Medical/Active Shooter (WBS-EMITT-TMASL)** is a high-fidelity medical simulator created specifically to address training requirements for medics and civilian first responders.

The EMITT-TMASL offers advanced features and training capabilities such as breathing, intubation, tension pneumothorax, a bubbling chest wound, IV, bleeding gunshot wound, packable wound, and more. Constructed with a strong urethane core and realistic, durable synthetic skin, the TMASL is an extremely effective multipurpose training tool allowing learners to perform critical life-saving tasks while training in nearly any environment or weather condition.

KEY FEATURES

- Realistic Airway & Breathing
- Intubation & Cricothyroidotomy
- Simulated Tension Pneumothorax
- Needle Decompression
- Intraosseous infusion
- Bleeding & Occlusion Feedback
- Gunshot & Packable Wound
- Sucking Chest Wound
- Infusible IV with Flash Cue
- Real-Time Feedback on Remote
- Optional: Amputation (bleeding) & Burn Arm

WBS-EMITT-AS

TFX-EMITT-AS-1

The **Whole-Body Simulator Emergency Medical Trauma Trainer-Active Shooter (WBS-EMITT-AS)** offers advanced features and training capabilities for Police, Fire, EMTs, Paramedics and other First Responders. It includes a packable hemostatic wound at the inguinal crease (replicated from a gunshot exit wound), a gunshot wound to the thigh with arterial bleeding, and a sucking chest wound.

Constructed with a strong urethane core and realistic, durable synthetic skin, the WBS-EMITT-AS is an extremely effective multipurpose training tool allowing learners to perform critical life-saving tasks while training in nearly any environment or weather condition.

KEY FEATURES

- Realistic Airway: OPA, NPA
- Intubation
- Sucking Chest Wound
- Needle Decompression
- Intraosseous Infusion
- Bleeding & Occlusion Feedback
- Gunshot & Packable Wound
- Real-Time Feedback on Remote
- Optional: Amputation Arm (Non-Bleeding) & Burn Arm

HIGH-FIDELITY PLUS SIMULATORS

Our High-Fidelity PLUS simulators deliver the ultimate training experience with advanced features such as Animatronic Movement, breathing, bleeding, and autonomous response to treatment. Constructed with a strong urethane core and realistic, durable synthetic skin, TacMed Simulation™ simulators are designed from the ground up for ruggedness and durability.

Ideal for scenario-based field training, our untethered, battery-operated manikins can be used in nearly any weather condition or environment for a truly immersive experience. Our flexible, modular platform allows upper and lower body simulators to be combined in any configuration to deliver an optimal training solution.

CRU-R

TFX-CRU-R-1

The **Clinical Response Upper - Resuscitate (CRU-R)** delivers high-fidelity training capabilities for the treatment of traumatic upper body injuries as well as advanced clinical features for cardiac life support and resuscitation.

Ideal for Prolonged Care, Emergency Room, and ACLS/ALS training, the CRU-R is an extremely effective multipurpose training tool allowing learners to perform a wide range of critical life-saving tasks. The CRU-R is designed to operate in clinical settings or rugged, outdoor scenarios.

KEY FEATURES

- Realistic Airway & Breathing
- Intubation & Cricothyroidotomy
- Simulated Tension Pneumothorax
- NCD w/ Air Release & Feedback
- Bilateral Chest Tube Insertion
- Radial, Brachial & Carotid Pulses
- CPR with Sensors for Depth/Rate
- Central Line (Subclavian)
- Real-Time Feedback on Remote
- Light-Reactive Eyes

APL-PB

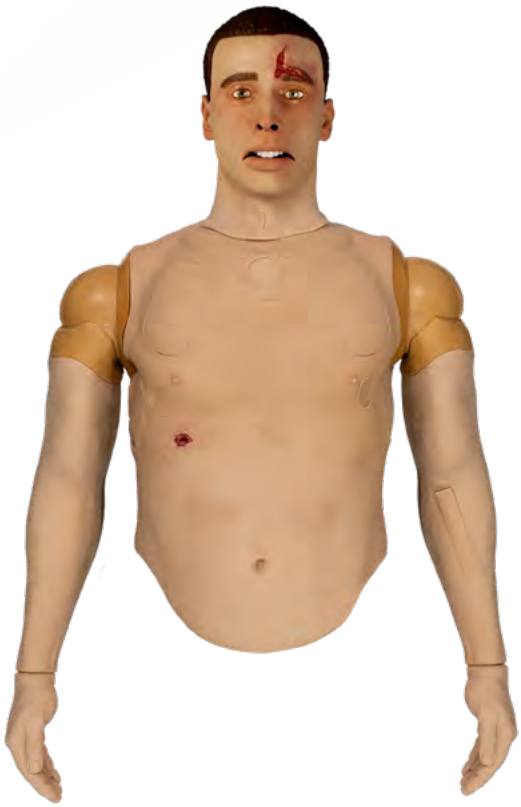
TFX-APLPB-1

The **Airway Plus Lifecast - Pulses & Breathing** medical simulator was created specifically to address the treatment of traumatic upper body injuries and incorporates pulses, breathing, and real-time feedback to create a uniquely realistic training experience for medics and first responders.

It is an extremely effective multipurpose training tool allowing learners to perform critical life-saving tasks that include maintaining an airway, needle decompression, cricothyroidotomy, intraosseous infusion, and chest tube insertion.

KEY FEATURES

- Realistic Airway & Breathing
- Intubation & Cricothyroidotomy
- Simulated Tension Pneumothorax
- NCD w/ Air Release & Feedback
- Bilateral Chest Tube Insertion
- Radial & Carotid Pulses
- BVM Response
- Infusible IV with Flash Cue
- Real-Time Feedback on Remote
- Adjustable Eyes



EMITT-TMU

TFX-EMITT-TMU-1

The **Emergency Medical Trauma Trainer Tactical Medical Upper (EMITT-TMU)** offers advanced features and training capabilities for EMTs, Paramedics and other First Responders such as breathing, intubation, tension pneumothorax, a bubbling chest wound, IV, and more.

The EMITT-TMU is an extremely effective multipurpose training tool allowing learners to perform critical life-saving tasks while training in nearly any environment or weather condition.

KEY FEATURES

- Active Breathing
- Intubation & Cricothyroidotomy
- Sucking Chest Wound (Bubbling)
- Needle Decompression
- Oropharyngeal Airway (OPA)
- Nasopharyngeal Airway (NPA)
- Radial and Carotid Pulses
- Infusible IV with Flash Cue
- Real-Time Feedback on Remote
- Adjustable Eyes

CRL

TFX-CRL-1

The **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.

KEY FEATURES

- Amputation & Packable Wound
- Bleeding & Occlusion Feedback
- Pedal & Bilateral Femoral Pulses
- Animatronic Movement
- Crepitus
- Tourniquet Training
- Intramuscular injection
- Intraosseous Infusion (Tibial)
- Foley Catheter Insertion
- Real-Time Feedback on Remote

HEMO

TFX-HEMO-1

The **Packable Hemostatic Trauma Trainer (HEMO)** is a ruggedized, untethered, remote-controlled human patient medical trainer that provides the most authentic simulation of traumatic lower blast injury. State-of-the-art sensor technology provides real-time feedback that takes the guesswork out of trauma simulation.

HEMO features a full left leg with a bleeding wound at the inguinal crease for hemostatic wound training, venous bleeding at the lower leg, and a traumatic amputation of the right leg requiring a tourniquet. Medics and first responders also learn how to treat a boot top simple fracture of the tibia or fibula that has open, avulsed, and irregular wounds caused by an explosion.

KEY FEATURES

- Animatronic Movement
- Amputation & Packable Wound
- Bleeding & Occlusion Feedback
- Crush Injury w/ Venous Bleeding
- Crepitus
- Tourniquet Training
- Remote Controlled
- Real-Time Feedback on Remote

HEMO-G

TFX-HEMOG-1

The **Packable Hemostatic Trauma Trainer Gunshot Wound (HEMO-G)** is a ruggedized, untethered, remote-controlled human patient medical trainer that provides the most authentic simulation of traumatic lower blast injury. State-of-the-art sensor technology provides real-time feedback that takes the guesswork out of trauma simulation.

HEMO-G features a full left leg with a bleeding wound at the inguinal crease for hemostatic wound training, gunshot wound to the thigh with arterial bleeding requiring a tourniquet, and a traumatic amputation of the right leg requiring a tourniquet.

KEY FEATURES

- Animatronic Movement
- Amputation & Packable Wound
- Bleeding & Occlusion Feedback
- Gunshot Wound
- Crepitus
- Tourniquet Training
- Intraosseous Infusion (Tibial)
- Remote Controlled
- Real-Time Feedback on Remote

MATT

TFX-LO-1

The **Multiple Amputation Trauma Trainer (MATT)®** is a ruggedized, untethered, remote controlled trauma trainer that delivers high fidelity simulations of lower body injuries commonly caused by IEDs and other explosive devices.

Jointly developed with the U.S. Army Research Laboratory Simulation and Training Technology Center (ARL-STTC), MATT™ employs state-of-the-art special effects materials and technologies to deliver incredibly realistic visual and tactile stimuli with lifelike response to treatment. State-of-the-art sensor technology provides real-time feedback that takes the guesswork out of trauma simulation training.

KEY FEATURES

- Animatronic Movement
- Bilateral Amputations
- Bleeding & Occlusion Feedback
- Simulated Wounds
- Tourniquet Training
- Crepitus
- Remote Controlled
- Real-Time Feedback on Remote

HIGH-FIDELITY SIMULATORS

TacMed Simulation™ High-Fidelity simulators offer the same realistic look and feel as our High-Fidelity PLUS systems with limited animatronic features. TacMed Simulation™ High-Fidelity systems are ideal for organizations looking for an improved visual and tactile experience along with ruggedness for field training, but don't require advanced functionality.

Constructed with a strong urethane core and realistic, durable synthetic skin, TacMed Simulation™ simulators are ideal for scenario-based field training and can be used in nearly any weather condition or environment for a truly immersive experience. Our flexible, modular platform allows upper and lower body simulators to be combined in any configuration (High-Fidelity, or High-Fidelity PLUS) to deliver an optimal training solution.

EMITT-ASU

TFX-EMITT-ASU-1

The **Emergency Medical Trauma Trainer Active Shooter Upper (EMITT-ASU)** is part of a collection of high-fidelity medical simulators that were created to address training requirements for civilian first responders. The EMITT-ASU is a low-cost, non-powered trainer designed for use with an EMITT or other TacMed Simulation™ Lower simulator.

Constructed with a strong urethane core and realistic, durable synthetic skin, the EMITT-ASU is ideal for field training exercises involving an active shooter threat. It offers critical training elements such as a sucking (bubbling) gunshot wound to the chest, needle decompression, reinforced silicone arms with articulating shoulders and full arm rotation, and adjustable eyes.

KEY FEATURES

- Intubation & Airway Management
- Sucking Chest Wound
- Needle Decompression
- Oropharyngeal Airway (OPA)
- Nasopharyngeal Airway (NPA)
- IV Insertion
- Adjustable Eyes
- Movable Jaw

EMITT-ASL

TFX-EMITT-ASL-1

The **Emergency Medical Trauma Trainer Active Shooter Lower (EMITT-ASL)** offers advanced features and training capabilities for Police, Fire, EMTs, Paramedics and other First Responders. It includes a packable hemostatic wound at the inguinal crease (replicated from a gunshot exit wound) and a gunshot wound to the thigh with arterial bleeding.

Constructed with a strong urethane core and realistic, durable synthetic skin, the Active Shooter 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.

KEY FEATURES

- Packable Wound
- Gunshot Wound w/ Bleeding
- Bleeding & Occlusion Response
- Tourniquet Training
- Intraosseus Infusion (Tibial)
- Remote Controlled
- Real-Time Feedback on Remote

EMITT-TML

TFX-EMITT-TML-1

The **Emergency Medical Trauma Trainer Tactical Medical Lower (EMITT-TML)** 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 Tactical Medical 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.

KEY FEATURES

- Packable Wound
- Amputation with Arterial Bleeding
- Bleeding & Occlusion Response
- Tourniquet Training
- Intraosseus Infusion (Tibial)
- Crepitus
- Remote Controlled
- Real-Time Feedback on Remote

NICL

TFX-NICL-1

The **Non-Injured Complete Lower (NICL)** is a lower trainer specifically created to connect with any TacMed Simulation™ upper torso trainer for simulations not requiring injuries to the lower portion of the body.

KEY FEATURES

- Realistic Weight
- Lifelike Joint Movement

MATT-ACE

TFX-ACE-1

The **Multiple Amputation Trauma Trainer (MATT)® Abdominal Casualty Expectant (MATT-ACE)** delivers unparalleled realism and durability, creating the most authentic simulation of a severe abdominal injury.

Extraordinary visual and tactile realism helps build desensitization to expectant injuries, allowing Medics, Corpsmen, Soldiers, and First Responders to appropriately triage combat casualties.

KEY FEATURES

- Bilateral Amputations
- Tourniquet Training
- Simulated Wounds

K9 SIMULATORS

Designed in partnership with the Department of Defense (DoD), TacMed Simulation™ Canine Medical Trainers are full-body medical patient simulators for operational canine handlers and first responders, military working dog (MWD) handlers, veterinarians, and veterinary technicians.

Each K9 offers authentic weight and feel, lifelike joints, anatomically accurate intervention sites, and hydrophobic fur which can be removed and washed easily.

Like all our simulators, our K9 line was designed from the ground up for ruggedness and durability to withstand the rigors of real-world scenario training in nearly any weather or environment.

K9 DIESEL

TFX-K9-DSL-1

The **Advanced Canine Medical Trainer (K9 DIESEL)** is a full-body simulator for Operational Canine First Responders, Military Working Dog (MWD) handlers, Veterinarians, and Veterinary Technicians. Designed in partnership with the Department of Defense (DoD), K9 Diesel is a state-of-the-art skills trainer that includes active breathing, audio queues and over 28 different features and medical intervention sites.

All training sites are designed to replicate the look, feel, and function of actual medical procedures. Interchangeable limbs and injuries provide greater flexibility to vary wound patterns.

KEY FEATURES

- Realistic Airway & Breathing
- Intubation & Tracheostomy
- Simulated Tension Pneumothorax
- NCD, GDV w/ Air Release
- CPR
- Bleeding & Occlusion Feedback
- Bilateral Femoral Pulses
- Interchangeable Limb Options
- Packable Junctional Wounds
- Abdominal Evisceration
- IV Training (Bilateral) w/ Flash
- Bilateral Tibial and Humeral IO
- Real-Time Feedback on Remote
- Optional: Mouth Wound & Burn Sleeve

K9 HERO

TFX-K9-HERO-1

The **Canine Medical Trainer (K9 HERO)** is a state-of-the-art skills trainer for novices and experienced alike. Designed in partnership with the Department of Defense (DoD), all training sites are realistic to replicate the look, feel, and function of actual medical procedures. The exterior of the simulator has been hand-sculpted to mimic a Belgian Malinois and is covered in durable, non-staining synthetic fur.

K9 Hero allows learners to perform critical life-saving tasks such as maintaining an airway, needle decompression/thoracocentesis, hemostasis, IV insertion, Intraosseous (I/O) infusion, Cardiopulmonary Resuscitation (CPR), tracheostomy, and bandaging.

KEY FEATURES

- Realistic Airway (NPA, OPA)
- Intubation & Tracheostomy
- Packable Wound
- Needle Decompression
- IV Training w/ Flash
- Bilateral Femoral Pulses
- Movable Jaw
- Remote Controlled
- Real-Time Feedback on Remote
- Realistic Skeletal Motion
- Optional: Mouth Wound & Burn Sleeve

TASK TRAINERS

TacMed Simulation™ Task Trainers are classroom-style simulators designed to teach fundamental medical skills for critical interventions related to traumatic injuries. Anatomical fidelity and lifelike skin provide a powerful haptic training experience to develop familiarity and muscle memory for different interventions.

Each task trainer is rugged and durable to withstand repeated use.

PACKABLE WOUND TRAINER

TFX-T-PWT-1

The **Packable Wound Trainer (PWT)** is a ruggedized task trainer with a simulated hemostatic wound. The PWT is composed of lifelike synthetic skin and includes a hemostatic wound providing trainees with the ability to execute critical patient treatment such as wound packing and compression training. The PWT functions as a stand-alone skills station during the early phases of training.

KEY FEATURES

- Basic Skills Trainer
- Packable Wound
- Hemostasis
- Sensor & LEDs Indicate Correct Pressure
- Optional Bleeding w/ Syringe

TOURNIQUET TASK TRAINER ARM

87-0079

The **Tourniquet Task Trainer Arm** is a rugged, hyper-realistic hemorrhage control training solution designed for teaching proper tourniquet application both in the classroom and in field scenarios. Its unmatched lifelike design looks identical to human tissue, and the arm is durable with self-healing properties to withstand repeated use.

The Tourniquet Task Trainer Arm replicates a full-length human arm with a gunshot entry wound. It can function as a dry or wet stand-alone skill station for trainees to develop muscle memory to make critical, lifesaving interventions with a tourniquet.

KEY FEATURES

- Integrated Gunshot Wound
- Lifelike Detail
- Full-Arm Design
- Self-Healing Skin
- Integrated Vessel System for Simulated Bleeding

HCST - CLASSROOM

TFX-C-HCST

The **Hemorrhage Control Skills Trainer - Classroom (HCST-C)** is a medical intervention simulator designed to teach fundamental skills for tourniquet application and hemostatic wound packing. Anatomical fidelity and lifelike skin provide a powerful haptic training experience to develop familiarity and muscle memory for different interventions.

The HCST-C is ideal for teaching learners how to make critical decisions such as the type of treatment to apply, then use anatomical landmarks such as the greater trochanter to perform proper interventions.

KEY FEATURES

- Packable Wounds
- Amputation
- Tourniquet Training
- Junctional Tourniquet Training

CHEST TRAINER

TFX-T-CT-1

The **Chest Trainer** is a ruggedized partial upper torso medical simulator that helps trainees during the early phases of training to treat patients requiring needle decompression and intraosseous (I/O) infusion.

The torso includes a simulated partial rib cage and sternum. Students learn to locate realistic anatomic landmarks to execute critical patient treatment without relying on marked indicators.

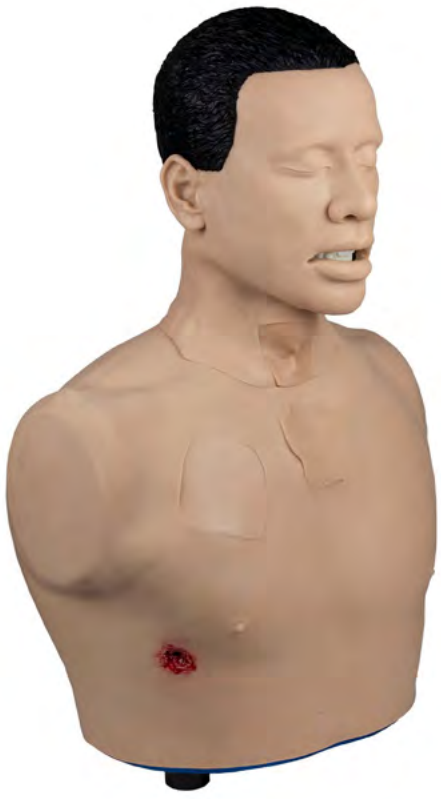
KEY FEATURES

- Basic Skills Trainer
- Intraosseous (I/O) Infusion
- Needle Decompression

APL - CLASSROOM

TFX-C-APL-1

The **Airway Plus Lifecast - Classroom (APL-C)** can be used during early phases of training. It trains responders to perform life-saving tasks such as maintaining a patient's airway, needle decompression, cricothyroidotomy, and Intraosseous (I/O) infusion.



KEY FEATURES

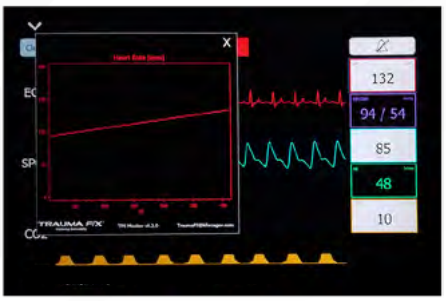
- Airway Management
- Intubation
- Oropharyngeal Airway (OPA)
- Nasopharyngeal Airway (NPA)
- Cricothyroidotomy
- Needle Decompression
- Intraosseous (I/O) Infusion
- Chest Seal Application

ACCESSORIES

VITAL SIGNS MONITOR

TFX-VSM-1

The **Vital Signs Monitor (VSM)** delivers accurate, real-time visual displays of vital sign data for all powered simulators. A wireless, touch-screen tablet system, the VSM presents data provided by long-range remote control, allowing instructors to modify and monitor vital signs without interfering with scenarios, making it ideal for field training or clinical settings. Rapid response physiology ensures changes in vital signs are physically observable on the simulator immediately, delivering a more authentic training experience for learners. Standardized data, accurate waveforms, and familiar layout offer easy operations.



MASTER CONTROLLER

TFX-MCON-1

The **Master Controller** is a wireless RC controller with touchscreen interface. Allows instructors to simultaneously manage up to 24 TacMed Simulation™ simulators, greatly improving the effectiveness of limited critical training resources. 'Global Glance' provides a real-time view of the health status with auto alerts (red/green) of each paired unit.

TOUCHSCREEN REMOTE CONTROL

KGS-TFX-REM-1

The **Touchscreen Remote Control (TSR)** is customized to operate and communicate with all upper and lower units. The large color LCD screen is housed within a customized frame to withstand the rigors of field training in any environment. To improve the effectiveness of training, modifications to scenario parameters and vital signs can be adjusted quickly and transmitted wirelessly to units via the TSR. Simulation results, including volume of blood loss and time to perform the intervention, are relayed from sensors in the unit(s) and then displayed on the TSR's easy-to-read screen, allowing the trainer to assess the trainee's performance in real-time and provide After Action Reporting.

VITALSBRIDGE™ 300

The **VitalsBridge™ 300** is a device that allows vital signs from TacMed Simulation™ manikins to be presented on real vital signs monitors. It is intended to increase the realism and effectiveness of training by allowing users to view, interact with, and control real patient monitors that are used in their clinical practice.

Simulated vitals monitors can't compare with the real thing. Familiarity with buttons, menus, touch screen capabilities, probe placement, alarm sounds, colors, and even where to look on patient monitors for specific information can be crucial for medical professionals. Building muscle memory on actual equipment prepares them for the real world.

Vital signs can be easily controlled from the VitalsBridge™ Connector Software or mobile app. It can also be connected to the simulator's software allowing for its vitals sign changes to be seamlessly updated on the real patient monitor.

PROSTHETIC LEG COVER

TFX-PLC-1

The **Prosthetic Leg Cover** comes in a non-injured or fractured configuration and attaches to the right leg to conceal the amputation and remove it from training scenarios. Compatible with CRL, HEMO, & HEMO-G.

OTHER BODY PART ACCESSORIES

- Severed Left Leg w/ Boot - TFX-LO-LL-1
- Severed Right Leg w/ Boot - TFX-LO-RL-1
- Injured Hands (Pair) - TFX-APL-IH-1
- Priapism Attachment - TFX-LO-PP-1
- Female Breasts Attachment - TFX-BBS-1
- Female Genitalia Attachment
  - Non-catheterable - TFX-VG-1
  - Catheterable - TFX-VG-C-1

Contact us for full list of accessories.