

TECHLINETRAUMA.COM®



TECHLINE TECHNOLOGIES, INC. is a woman-owned manufacturer of trauma simulations in Willow Grove, Pennsylvania. The TECHLINE TRAUMA® line of products includes MANIKINS, PART TASK TRAINERS, WEARABLE WOUND SIMULATIONS®, and SELF-ADHESIVE WOUNDS. TECHLINE also distributes medical supplies, and provides medical training and support.

"Developed with the operators, for the operators."

Techline Technologies, Inc. was born out of *MPS, Inc.*, an applied polymers research laboratory supporting the Department of Defense. Reincorporated in 2001, *Techline* supported Operation Iraqi Freedom and the Global War on Terror by providing specialized material research and products.

In 2006, the U. S. Army Research, Development and Engineering Command (RDECOM), awarded *Techline* the severe trauma simulation development contract. The goal of the development effort was to produce realistic, rugged wound simulations that could be quickly donned and doffed. It was important to provide as much realism as possible to recreate the psychological obstacles that faced the rescuer.

Techline's development team attacked these challenges in a multidisciplinary approach. The team included a Navy Corpsman, Pathologist, Polymer Chemist, Engineers, and Artists. Every wound was designed for clinical accuracy, appearance, functionality, and durability. The result was the first *Wearable Wound Simulations®* kit, now found in every branch of the military.

Techline's realistic and rugged wound simulations led to the joint development effort of the *TOMManikin*® with *North American Rescue*® *Simulations (formerly ITTS, Inc.). TOMManikin*® is widely known as the toughest advanced trauma manikin on the market. Designed for use in classrooms, trauma lanes, and field training scenarios, the system provides full-mission profiles for combat, disaster re-creations, and mass casualty events.

Through the years, *Techline Technologies, Inc.* has pushed the industry to create more realistic simulations, and has been granted over 10 patents due to the company's innovative thinking and designs. *Techline* expanded its collection of products, to include a line of *Part Task Trainers* that are ideal for the classroom environment and scenario use. The *Wounds in a Box®*, *Bleeding Control Task Trainer*, and *Self-adhesive wounds* were created as lower cost solutions for training specific skills used in pre-hospital care.

Although often imitated in appearance, the durability and ruggedness of Techline Trauma® products are unmatched.

Better training. More training.

Hands-on experience yields better results.

Steady hands and clear thinking mean a life saved.

In a time of crisis, your training is what defines your reaction.

Be prepared.
Be ready.
Train more.
Bleed less.

H friend loves at all times, and a brother is born for a time of adversity. Proverbs 17:17

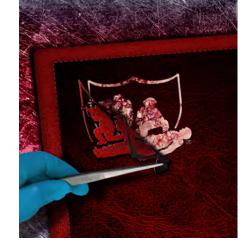
TRAIN MORE, BLEED LESS®

Years of supporting military and civilian first responders' training built a reputation of professionalism and a network of instructors. In 2015, Techline hosted its first training class through the National Association of Emergency Medical Technicians (NAEMT).

Techline has the unique ability to provide clients a fully operational training site at any location. This includes environmental controllers, patient and classroom simulations, medical and support equipment, and top-tier instructors. Techline holds one of the few "mobile" site codes within the NAEMT, and can support multiple simultaneous classes throughout the continental United States.

WHAT'S INSIE





WEARABLE WOUND SIMULATIONS®



To deliver superior training support through rugged, realistic training simulations, quality medical training, and reliable distribution of medical equipment that empowers others to save lives.

MADE IN USA

EACH HIGH QUALITY TECHLINE TRAUMA® WOUND IS INDIVIDUALLY CRAFTED BY HAND WITH THE PATENTED COLOR INFUSING TECHNOLOGY.









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HEMORRHAGE CONTROL PART TASK TRAINER	
PTT-B80 Bleeding Control Part Task Trainer 4-	.5
WOUNDS IN A BOX®	
PACKABLE WOUNDS	
Gunshot in a Box™6-	. 7
Laceration in a Box™	
Shrapnel Wound in a Box™	
•	
TIBIAL IO TRAINER	
IO in a Box™	7
IO in a Box™ Bone Insert	7
CRIC TRAINER™	
Cric in a Box™	
Cric in a Box™ Replacement Membrane	
Cric in a Box™ Non-bleeding Neck Skin	8
NPA/NARCAN AIRWAY TRAINER	
Nose in a Box™	8
IV TRAINER	
IV in a Box™	
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INJECTION TRAINER	
Injection in a Box	c
Trijection in a box	_
SELF ADHESIVE WOUNDS™	
Gunshot Entry Wound Small	
Gunshot Entry Wound Large	
Gunshot Exit Wound Medium	
Laceration Medium	
Laceration Integral I	
Burn 2nd Degree	
Electrical Burn Medium	
Chemical Burn Medium	
Thermal Burn Medium	
Electrical Burn Large	
Thermal Burn Large	
Complete Self Adhesive Kit (Wounds 1-12)1	
Large Torso Burn	
Degloved Hand	
Compound Fracture	
3rd Degree Thermal Arm Burn1	
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3rd Degree Thermal Chest Burn	
3rd Degree Thermal Chest Burn Debrided1	
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MANIKINS/APPAREL/ MEDICAL GEAR & EQUIPMENT/KITS

Gunshot Wound Biceps

Full Leg Amputation Hard Bone....

Partial Arm Amputation Hard Bone (Right) ..

Partial Leg Amputation Hard Bone (Right)...

Gunshot Wound Clavicle...



PRODUCTS ARE AVAILABLE IN LIGHT AND DARK SKIN TONE

Products are not shown actual size. Wound color, weight or size may vary slightly per lot. Prices and availability are subject to change without notice. Warranty terms and conditions; Please visit www.techlinetrauma.com

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The PTT-B80 Bleeding Control Part Task Trainer is a simulated lower torso, featuring a full leg amputation and a gunshot wound to the inguinal crease. Using its PATENTED mechanically responsive blood flow system, SOFTTECH® and ROCKTECH® materials, this realistic training device responds to the following medical interventions:

WOUND PACKING • TOURNIQUET • ABDOMINAL AORTIC TOURNIQUET JUNCTIONAL TOURNIQUET • DIRECT PRESSURE • PROXIMAL PRESSURE







ABILITY TO CONTROL THE BLEEDING FROM:

- A gunshot wound in the inguinal crease through proper packing and/or use of junctional tourniquets
- A fully amputated leg through proper application of a tourniquet

PTT-B80: BLEEDING CONTROL PART TASK TRAINER

The stand-alone HEMORRHAGE CONTROL PART TASK TRAINER provides instructors with a simple, multi-functional method of teaching the basic Bleeding Control Skills. The device can be run dry in a classroom to demonstrate proper interventions, or it can be attached to a bleeding system and force students to apply those interventions under stress. Bleeding can be supplied from a variety of sources including Techline® manual bleeding pumps, I.V. bags, or the *SKEDCO HydraSim®*.

Bleeding systems sold separately



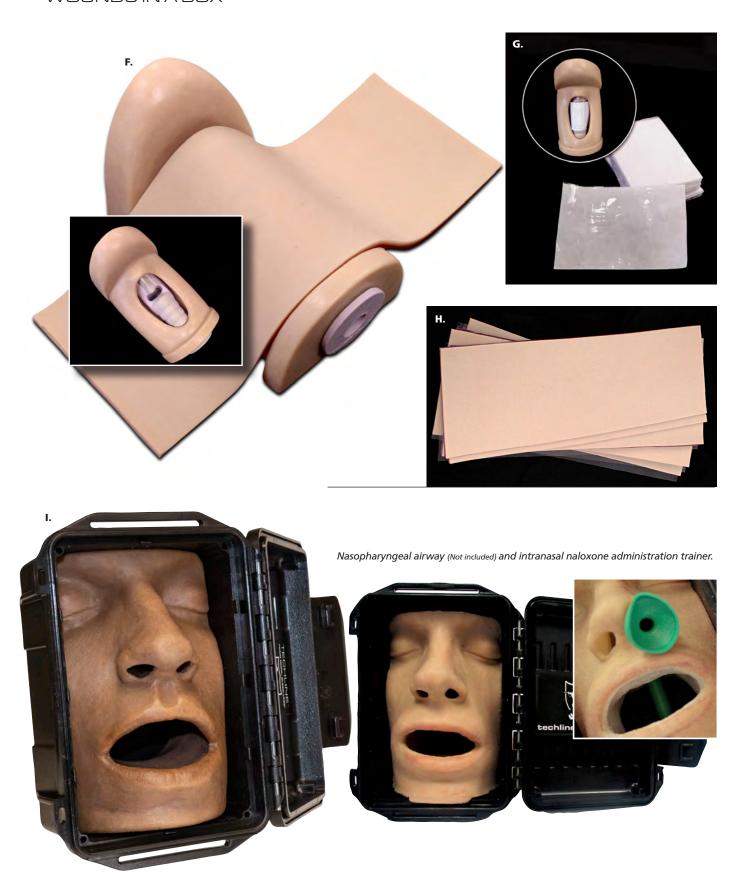
BLD-04S: Small Blood Powder 4.4 oz BLD-48L: Large Blood Powder 48 oz

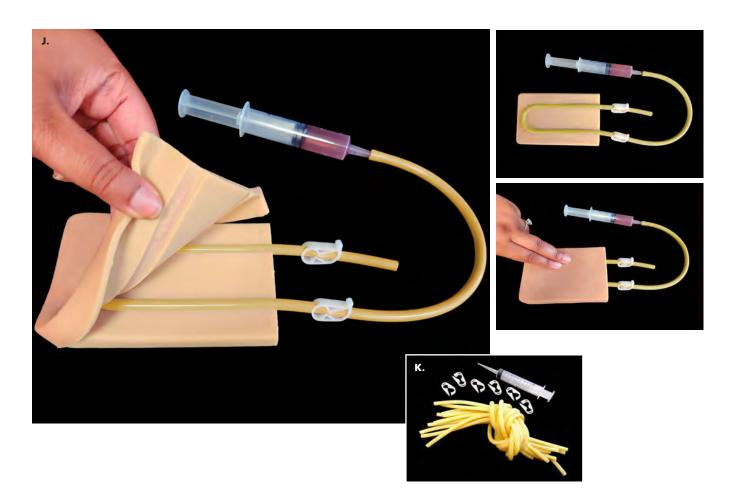


WW3-BRP: Blood Supply Pump











CRIC TRAINER™

F. PTT-B52: Cric in a Box™

G. PTT-B52-CM: Cric in a Box™ Replacement Membrane

H. PTT-B52-NBS: Cric in a Box™ Non-bleeding Neck Skin

NPA/NARCAN AIRWAY TRAINER

I. PTT-B70: Nose in a Box™

IV TRAINER

J. PTT-B53: IV in a Box™

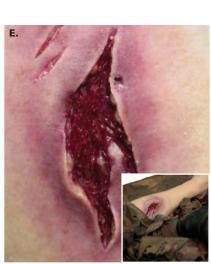
K. PTT-B53-TUB: IV in a Box™ Replacement Tubing, Clips, Syringe

INJECTION TRAINER

L. PTT-B54: Injection in a Box

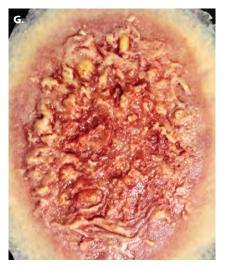








SELF ADHESIVE WOUNDS













SELF ADHESIVE BACKING

Available in light and dark skin tone Wounds are not shown actual size. Wound color and sizes may vary slightly per lot.

TECHLINE SELF-ADHESIVE WOUNDS DO NOT REQUIRE ADDITIONAL MAKE-UP OR GLUE, TO ADHERE TO ACTORS OR MANIKINS.

- A. SW001: Gunshot Entry Wound
 —Small
- B. SW002: Gunshot Entry Wound
 —Large
- C. SW003: Gunshot Exit Wound
 —Medium
- D. SW004: Gunshot Exit Wound
 —Large
- E. SW005: Laceration—Medium

- F. SW006: Laceration—Large
- G. SW007: Burn 2nd Degree
- H. SW008: Electrical Burn—Medium
- I. SW009: Chemical Burn—Medium
- J. SW010: Thermal Burn—Medium
- K. SW011: Electrical Burn—Large
- L. SW012: Thermal Burn—Large



N. SW015: Degloved Hand

O. SW013: Compound Fracture

P. SW016: 3rd Degree Thermal Arm Burn

R. SW018: 3rd Degree Thermal Chest Burn

S. SW019: 3rd Degree Thermal Chest Burn
—Debrided

SELF ADHESIVE WOUNDS



TECHLINETRAUMA.COM®

Training time is valuable. Why WASTE it on SET UP and RESETS?

FAST SET-UP ALLOWS FOR MORE SCENARIOS, MORE HANDS-ON EXERCISES AND LEADS TO INCREASED TRAINEE CONFIDENCE.

"Developed with the operators, for the operators."

WEARABLE WOUND SIMULATIONS® product line, allow instructors to swap out casualties and realistic, bleeding wounds faster than it takes to remove the used bandages. The extremely rugged wounds slip on or wrap around the patient, holding them in place during drags and evacuation. Bleeding can be supplied by hand pumps or a SKEDCO® Field Expedient Bleeding Simulation System (FEBSS) HydraSim® for realistic training.

- Accepts Tourniquets and Packing for Hemorrhage Control
- Adapts to Actors or TOMManikin®
- No Make-up Necessary
- Choice of Light or Dark Skin Tone

Bleeding systems sold separately

- Clinically Accurate
- Realistic Textures
- Realistic Blood Flow
- **Extremely Rugged**

TRAINMORE, BLEED LESS

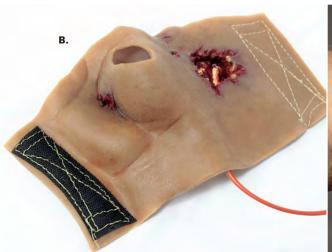
[P] 855.426.0321 • [F] 215.657.4430

WEARABLE WOUNDS SIMULATIONS® / DELUXE KIT

















WEARABLE WOUND SIMULATIONS®

Available in light and dark skin tone

- A. WW3-001: Thigh Laceration
- B. WW3-002: Gunshot Wound through Hand (Right)
- C. WW3-003: Impaled Object

WEARABLE WOUNDS SIMULATIONS 6 / DELUXE KIT



WEARABLE WOUNDS SIMULATIONS® / DELUXE KIT



HOW YOU TRAIN IS THE WAY YOU RESPOND

Trailin

"Developed with the operators, for the operators."

RUGGED REALISTIC EFFECTIVE

TECHLINE TRAUMA WEARABLE WOUND SIMULATIONS allow instructors to intensify training and effectively strengthen the experience.

TRAIN MORE, BLEED LESS®

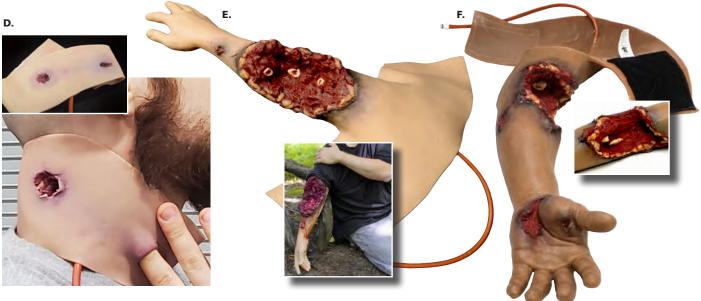
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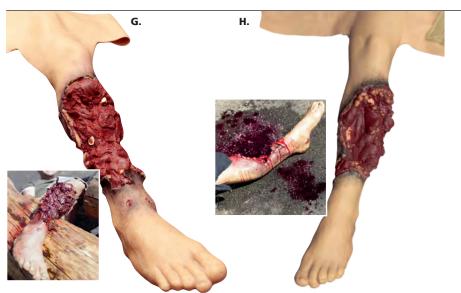
WEARABLE WOUNDS SIMULATIONS®











- A. WW3-011: Burned Face
- B. WW3-012: Wound Extender
- C. WW3-014: Neck Laceration
- D. WW3-015: Gunshot Wound Neck (Packable)
- E. WW3-051: Partial Arm Amputation (Right)
- F. WW3-751: Partial Arm Amputation (Left)
- G. WW3-052: Partial Leg Amputation (Right)
- H. WW3-752: Partial Leg Amputation (Left)

TECHLINETRAUMA.COM®

WEARABLE WOUNDS SIMULATIONS®

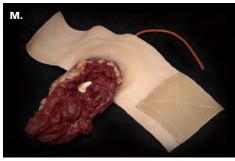








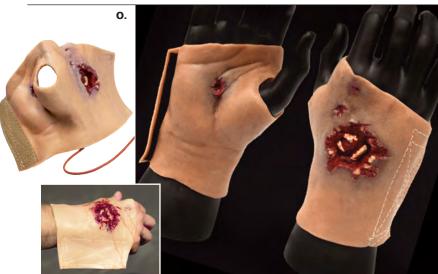




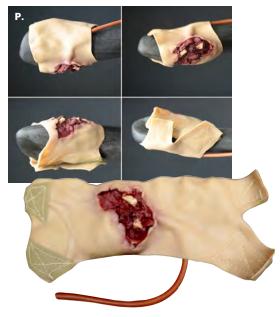




- I. WW3-054: Shrapnel Full Arm (Right)
- J. WW3-754: Shrapnel Full Arm (Left)
- K. WW3-055: Gunshot Wound to Groin (Male)
- L. WW3-755: Gunshot Wound to Groin (Female)
- M. WW3-071: Full Arm Amputation
- N. WW3-072: Full Leg Amputation
- O. WW3-002: Gunshot Wound through Hand (Right)



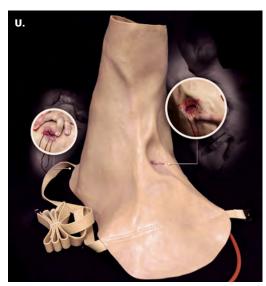
WEARABLE WOUNDS SIMULATIONS®









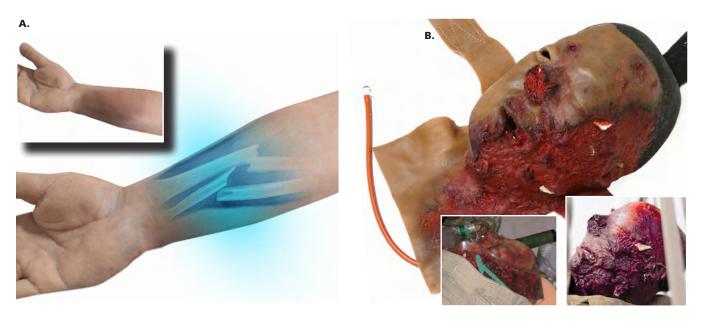


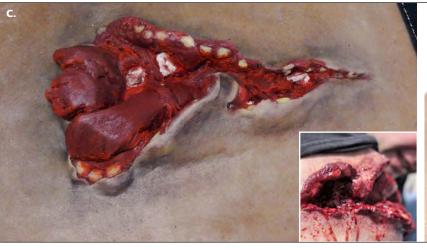




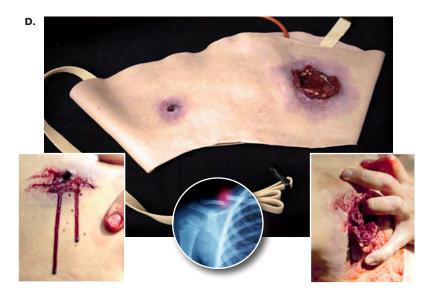
- P. WW3-702: Gunshot Wound through Hand (Left)
- Q. WW3-004: Severe Burn Forearm (Right)
- R. WW3-704: Severe Burn Forearm (Left)
- S. WW3-901: Multiple Gunshot Abdomen
- T. WW3-902: Packable Evisceration
- U. WW3-907: Shrapnel Wound Axillary (Right)

WEARABLE WOUNDS SIMULATIONS® / HARD BONE









WEARABLE WOUND SIMULATIONS® HARD BONE

- A. WW3-053: Closed Arm Fracture (Right)
- B. WW3-903: Blast Face Hard Bone
- C. WW3-908: Gunshot Wound Biceps
- D. WW3-909: Gunshot Wound Clavicle
- E. WW3-904: Full Leg Amputation with Hard Bone
- F. WW3-905: Partial Arm Amputation Hard Bone (Right)
- G. WW3-906: Partial Leg Amputation Hard Bone (Right)

WEARABLE WOUNDS SIMULATIONS® / HARD BONE



TECHLINETRAUMA.COM®



The BASIC TOMMANIKIN® features partial amputation to left arm, full amputation to right leg [tourniquet-responsive].

GSW (Gunshot Wound) TOMMANIKIN® / TAMIKIN®

features a sucking chest wound (with anterior entry and posterior exit), junctional tourniquet/packable GSW to groin (anterior entry and posterior exit), and tourniquet-responsive/packable GSW right leg.

BLAST TOMMANIKIN® features Skull with blast/burned head skin, packable abdominal evisceration, shrapnel wound right arm, and full amputation left leg (tourniquet-responsive).



INTERVENTION CAPABILITIES:

- Tourniquet Application
- Airway Management (basic to advanced)
- Needle Decompression
- Chest Tube
- CPR Chest Compression
- Pelvic stabilization
- IV/IO
- Wound Packing

The TOMManikin® family of products provide full-mission profiles for combat, disaster and mass casualty events, enabling instructors to build multiple immersive traumatic casualty scenarios with reactive patients.

Widely known as the toughest, all-in-one advanced trauma simulators on the market, the TOMManikin® Series is designed for use in classroom settings, trauma lanes and field training scenarios. The system allows for interchangeable appendages that present a variety of wound patterns such as gunshots, blasts, and burns, with ultra-rugged extremities that can be crushed, and or immobilized, up to 6000 lbs. (2720 kg), surviving drops, falls, drags and lifts.

TOMMANIKIN® - Tactical Operation Medical Manikin co-developed by NAR (Formerly ITTS) and Techline Technologies. TOMMANIKIN® / TAMIKIN® simulators provide the ability to enhance training in Tactical Combat Casualty Care (TCCC) from Point of Injury to transfer of higher care.

Skin is a proprietary silicone (Rugged Softtech®), non-environmentally reactive/ non-leaching. Industry-leading durability and temperature tolerance. Available in light or dark skin options

Training time is valuable. Why WASTE it on SET UP and RESETS?

WORN BY MANIKIN OR PERSON; Fast set-up allows for more scenarios, more hands-on exercises and leads to increased trainee confidence.

Reusable

mulation Uniform



Use on Roll Players or Manikins

Hook and Loop Seams

- Draw String Waist
- Belt Loops
- Breast and Thigh Pockets
- Loop Name Tapes



Matching Set: Pants/Shirt WW3-MCM

Uniform Shirt OCP: WW3-MCS

Custom Medical Trainer Uniform Shirt OCP Training Uniform Shirt - OCP shirt comes with: 2 breast pockets; loop piling for name tags over breast pockets; hook and loop closure down center of chest: hook and loop closures down length of sleeves, and hook and loop closures down sides from armpit to waist.



Uniform Pants OCP pattern: WW3-MCP

Custom Medical Trainer Uniform Pants OCP Training Uniform Pants in OCP. Pants with side cargo pockets, belt loops, hook loop fasteners from waist to bottom of crotch. and hook and loop fasteners from crotch down inseam of both legs.



TRAIN MORE, BLEED LESS

Techline offers **MEDICAL GEAR AND EQUIPMENT**

to support mass casualty incident training, or individual training classes.

CONTACT US DIRECTLY FOR IMMEDIATE ASSISTANCE







REFUND POLICY

This Refund Policy describes the terms and conditions for returning an item purchased from Techline Technologies, Inc. ("We" or "Us"). By purchasing an item from Us at www.techlinetrauma.com (the "Site"), you agree to these -terms and conditions.

Certain items are not eligible for return including, but not limited to, items delivered more than 30 days prior to initiation of a return, items manufactured by Us but not purchased from Us at www.techlinetrauma.com, items not manufactured by Us, and items which are perishable, hazardous, flammable, customized, special order, or discontinued.

To initiate a return, you must contact Us at salessfetchlinetrauma.com within 30 days after delivery of the item to you. We may require you to send Us photographs of the item to be returned, so that we may determine whether We should or should not authorize the return. If the return is authorized, then We will issue an authorization number to you. The authorization number must be placed on the exterior of the shipping box containing the item returned to Us. Authorization and issuance of an authorization number are not approval of the refund amount.

Shipping and insurance costs for returning an item to Us are your responsibility. We urge you to ship the return item using a carrier service that permits you to insure and to track the shipment. We are not responsible for returns that are lost or damaged during shipping to Us.

An item returned to Us will NOT be accepted if any of the following apply.

The item is returned to Us without an authorization from Us.
The item is returned to Us without an authorization number from Us.

The item is returned to Us without a valid authorization number clearly visible on the exterior of the shipping box delivered to Us. The returned item is delivered to Us more 20 days after issuance of the authorization number by Us.

If the shipment containing the returned item is accepted by Us, then we will inspect the item. If the item is unworn and unused, with tags, and in the original packaging, then We will approve a refund.

If the return is approved, then We will issue a refund amount which includes adjustment for a 25% restocking fee. The calculation for the refund amount is shown below.

Amount Paid = Item Price + Taxes paid on Item Price

Restocking Fee = 0.25 x Amount Paid

Refund Amount = Amount Paid - Restocking Fee

* Excludes tariffs, import duties, and other country or region-specific fees.

The refund amount will be processed within 10 business days after approval using the same payment method as your original payment to Us.

If the refund is not approved, then We will return the item to you. Shipping and insurance costs for returning an item to you are your responsibility.

EXCHANGES

The fastest way to ensure you get what you want is to return the item you have, and once the return is accepted, make a separate purchase for the new item.

REFUNDS

We will notify you once we've received and inspected your return, and let you know if the refund was approved or not. If approved, you'll be automatically refunded on your original payment method. Please remember it can take some time for your bank or credit card company to process and post the refund too. Restocking fees will be deducted at the time of refund.

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ROCKTECH®
TAMIKIN®
TECHLINE®
TECHLINE TRAUMA®
TECHLINETRAUMA.COM®
WOUNDS IN A BOX®
TRAIN MORE, BLEED LESS®
WEARABLE WOUND SIMULATIONS®



LACERATION IN A BOXTM
SHRAPNEL WOUND IN A BOXTM
GUNSHOT IN A BOXTM
CRIC IN A BOXTM
JV IN A BOXTM
NOSE IN A BOXTM
IQ IN A BOXTM

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PATENTS

This webpage and other webpages at www.techlinetrauma.com are intended to satisfy the virtual patent marking provisions of the America Invents Act and the virtual patent marking provisions under 35 U.S.C. §287(a).

The products named in the listing below or the products sold under the trademarks identified in the listing below are protected by one or more patents in the United States and/or elsewhere. The listing may not be all inclusive in that not all patents may be identified for some products and not all products protected may be identified for some patents.

Products or Trademark

WEARABLE WOUND SIMULATIONS®

WOUNDS IN A BOX®

Bleed Control Part Task Trainer

Mag Well Plug

Intraosseous Infusion Trainer

Patents

US8,221,129, US8,491,30

US10,217,380, US10,535,282, US10,586,470, 0US11,195,434,

US11,195,435, Patents Pending

US9,280,917, US10,115,322

US7.891.129

Patents Pending



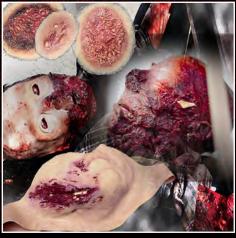
TRAINING SKILLS and SIMULATION KITS

COMBINE YOUR RESOURCES, EXPAND YOUR TRAINING, AND STRENGTHEN YOUR SKILLS

Designed to give any training facility the equipment needed to run any number of classes.

Each Kit offers "out of the box" solutions that allow you to outfit your training site with high quality equipment, without sourcing multiple vendors.

Choice of LIGHT SKIN TONE or DARK SKIN TONE



WW3-IMP1 : BURN & BLAST KIT 1

FIND WHAT WORKS BEST FOR YOU, SEE OUR FULL LINE OF PRODUCTS

TECHLINETRAUMA.COM®



855.426.0321

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