

The SMRT logo consists of the letters "SMRT" in a bold, white, sans-serif font, followed by a small trademark symbol (TM). It is positioned on a solid red rectangular background.

**SMRT™**

# STRATEGIC MEDICAL RESEARCH & TRAINING

## Moulage Task Trainer PRODUCT CATALOG



**NORTH AMERICAN RESCUE®**  
[www.NARescue.com](http://www.NARescue.com) • 888.689.6277



The innovative and wearable **SMRT™ Moulage Task Trainers** from **Strategic Medical Research & Training™** create an unmatched experience of realism featuring **realistic moulage** and **active bleeding** across a wide spectrum of woundings and interventions. Made with durable materials and designed for a "one size fits most" range of limb and body sizes, the SMRT™ Moulage Task Trainers are engineered to work with **live role players** as well as to **augment existing simulation systems**—while allowing flexibility in placement and utilization. All SMRT™ Moulage Task Trainers work with **SMRT™ Trauma Tables**, **SMRT™ Bleeding Systems**, and **common hydration systems**, making them standalone and ready to use, while also allowing ease of integration into existing training systems. Utilized by **Military, Law Enforcement, EMS, and Hospitals** to create unsurpassed realism in hemorrhage control training, SMRT™ Training Aids are **realistic, cost effective, highly mobile, durable, and low maintenance**.

SMRT™ recognizes that each client has a different threat level that they are exposed to. These range from civilians happening upon accidental violence to the very specific threat level encountered by military and special operations. The training and simulation needs for each organization are dictated by the types of trauma that they're going to see. The solutions need to be delivered in a **convenient, meaningful, and sequential** way. Solving this problem – along with being able to simulate quickly and easily – was the genesis of SMRT™.



Performing quality medical training can be very difficult. In the world of first responders and military medical training – it is often a collateral duty for the trainers. The SMRT™ Moulage Task Trainers were developed with this in mind. Our training aids are **quick to set up, easy to use**, allow the training to be **easily reproduced**, and offer **variability**. Learning is enhanced by treating **realistic wounds** with **high fidelity anatomically accuracy** and **internal wound cavities**

that trainees can palpate with **accurate bleeding that responds to treatment**. Teachable moments are created real-time as trainees encounter realistic wound depth and other treatment challenges while offering **instant feedback** from trainers on whether the wound was treated correctly.

**Realistic,  
cost-effective,  
highly mobile,  
durable, and low  
maintenance!**

**Low cube weight** and system simplicity means that enough moulage task trainers to create numerous realistic casualties can fit in a backpack and carried to any field training environment - land, sea, and arctic. Enough equipment make six to ten casualties can fit into a carry-on bag. With checked luggage, enough SMRT™ products to run a mass casualty training can be easily transported. Small size, low weight, and simplicity is important – not just for the military, but also for any organization's training that might requires being able to change locations or scenarios and set it up quickly. Designed to meet the needs of medical training in trauma situation, **the SMRT™ suite of products can be configured and scaled to meet any organization's needs and help take training to the next level.** ■



# SMRT™ MOULAGE TASK TRAINERS

- *High fidelity anatomical accuracy & accurate active bleeding* that responds to treatment
- *"One-size-fits-most"* range of limb and body sizes
- Works with *live role players* or to *augment existing simulation systems*
- Utilizes common *hydration system connections*
- *Quick to set up* and *easy to use* offering variability
- *Low cube weight, simple, scalable*, & provides *instant feedback* on treatment



## SMRT™ SIMULATION SYSTEMS



- Large training capability in a *compact package*
- Find solutions for *existing programs* or build a *custom system* to meet your needs
- Combine a selection of **SMRT™ Moulage Task Trainers** with **SMRT™ Bleeding Systems** and/or **Trauma Tables** to fit your program's requirements
- Systems include rugged **Pelican cases** for easy *storage and transport*





### 93-1149 | Surgical Airway

- Designed to make cricothyroidotomy training realistic, fast and easy
- Complete with realistic textured replacement skin and blood packs that give a realistic feel and response



### 93-1155 | Surgical Airway - Wound

- Control active carotid artery bleeding and perform an open surgical airway
- Packable wound is compatible with the SMRT™ Bleeding System



### 93-1157 | Surgical Airway - Burn

- Complete with burn textured and colored replacement skin
- When combined with the burn vest creates a realistic and challenging patient care scenario



### 93-1162 | Open Wound

- Versatile wound able to be applied to the limbs or torso
- Useful in creating a hemorrhage location identification and wound care challenges



### 93-1164 | Forearm Fracture

- Compound wrist fracture simulates serious blast or blunt trauma
- Radial and ulnar bones are modeled from CT imaging of real fractures



### 93-1166 | Blast Leg

- Represents multiple superficial and deep wounds including a high femoral laceration
- Burn textured and colored skin



### 93-1167 | Femur Fracture

- Comes with an anatomically accurate bone and is realistic muscle fibers
- Hyper-realistic and packable



### 93-1169 | Large Laceration

- Anterior thigh laceration simulates a packable 14-inch penetrating injury
- May be applied to the front, lateral, or posterior aspect of either leg



### 93-1171 | Tibia Head Fracture

- High-impact injury simulates a knee dislocation with compound fracture of the tibial head from a blast or blunt trauma
- Visible bones is molded from CT images of real tibial fractures



### 93-1173 | Ankle Fracture

- Distal tibial spiral fracture with tissue disruption consistent with significant deceleration injury or blast
- Features durable bone molded from CT images



### 93-1175 | Knee Wound

- Comes with anatomically accurate knee anatomy include tibia, patella, and patellar tendon
- Consistent with, blunt, blast and shotgun wounds



### 93-1177 | Open Fracture

- Versatile compound fracture quickly creates a bleeding extremity compound fracture
- Can be used on upper or lower extremities



### 93-1179 | Abdominal Evisceration

- Abdominal evisceration with a protruding small bowel
- Simulates injuries secondary to gunshot, blast or lacerations



### 93-1181 | GSW - Shoulder

- Edge-of-armor shoulder wound complete with a bleeding, packable cavity containing a fractured collar bone
- Entrance at the right scapula traverses the subclavian artery making a unique wound-packing challenge



### 93-1183 | Packable Femoral - GSW/Blast

- Simulates a blast or gunshot exit wound capable of accepting five rolls of gauze
- Unique design prevents slipping while worn and anatomically correct bleeding



### 93-1185 | Antecubital Arm Wound

- Penetrating arm wound creates a realistic bleeding effect
- Allows for wound track packing or the inclusion of penetrating objects





### 93-1187 | Packable Femoral Laceration

- Simulates immediate life-threatening bleeding from penetrating injury
- Allows for a large amount of wound packing with a wound profile consistent with blast or laceration



### 93-1189 | Extremity Wound - Versatile

- Packable extremity can be used to simulate blunt or penetrating trauma as well as impaled objects in numerous locations for maximum training flexibility



### 93-1191 | GSW - Forearm/Lower Leg

- Bleeding, packable forearm or lower leg gunshot wound
- Includes an entrance wound above the wrist/ankle with an exit at the upper portion of the forearm/calf



### 93-1193 | Forearm Laceration

- Bleeding, packable forearm/lower leg laceration can be used for blast injury, impaled objects or laceration



### 93-1195 | GSW - Thigh

- Simulates a high-velocity gunshot wound to the mid-thigh with a permanent wound track from entrance to exit
- Tissue is exposed from the wound and simulates a natural flow of blood



### 93-1197 | Saw Wound - Thigh

- Mid-thigh open wound outlines the realistic anatomy of the underlying muscles and realistic blood flow
- Open wound can be used to simulate blast, laceration or gunshot wound injuries



### 93-1199 | GSW - Hip Large Caliber

- Large cavity wound simulates a high-velocity gunshot wound to the hip with exit through the lateral thigh with extensive undermined tissue
- May also be used for blast scenarios due to the large irregular wound pattern



### 93-1203 | GSW - Versatile

- Packable wound can be placed on the upper arm, thigh, and forearm in adults
- Can be placed on the thighs of pediatric role players



### 93-1205 | Tibia Fracture Distal Compound

- Simulates a compound distal tibia fracture common to blunt trauma
- Offers a realistic protruding bone and blood flow pattern



### 93-1207 | GSW - Medium Versatile

- Allows for simulated rifle wound placement in a wide variety of areas from high-femoral, abdominal or chest
- Wound is packable from entrance to exit and offers a realistic blood flow pattern



### 93-1209 | Sucking Chest Wound

- Consistently and easily creates a lethal open pneumothorax
- Provides audible gurgling and foaming from the simulated chest cavity



### 93-1211 | Bleeding System

- Made from rugged components and designed for compatibility with standard hydration systems
- Comes with a sling-style bag, hand pump, and a two-liter reservoir

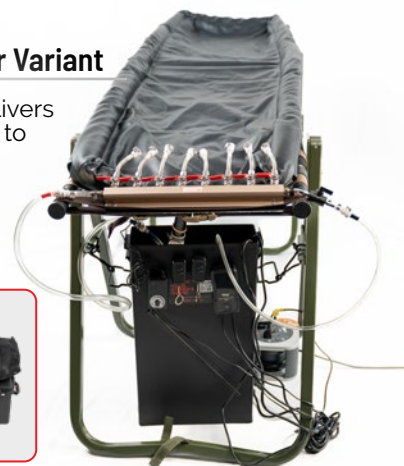
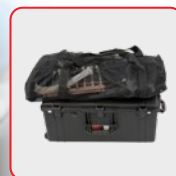
### 93-1212 | Trauma Table - Hyperlite

- Collects, filters, warms, and delivers high-pressure simulated blood to SMRT™ Moulage Task Trainers
- Easy to store and ship



### 93-1213 | Trauma Table - Litter Variant

- Collects, filters, warms, and delivers high-pressure simulated blood to SMRT™ Moulage Task Trainers
- Attaches to your current litter and litter stand system



ITEM#	DESCRIPTION
93-1149	SMRT, SURGICAL AIRWAY
93-1150	SMRT, SURGICAL AIRWAY (DT)
93-1151	SMRT, SURGICAL AIRWAY SKIN
93-1152	SMRT, SURGICAL AIRWAY SKIN (DT)
93-1153	SMRT, SURGICAL AIRWAY FRONT
93-1154	SMRT, SURGICAL AIRWAY FRONT (DT)
93-1155	SMRT, SURGICAL AIRWAY - WOUND
93-1156	SMRT, SURGICAL AIRWAY WOUND (DT)
93-1157	SMRT, SURGICAL AIRWAY BURN
93-1158	SMRT, SURGICAL AIRWAY BURN (DT)
93-1159	SMRT, SURGICAL AIRWAY BURN SKIN
93-1160	SMRT, OPEN WOUND - PACKABLE - VERSATILE PLACEMENT
93-1161	SMRT, OPEN WOUND - PACKABLE - VERSATILE PLACEMENT (DT)
93-1162	SMRT, OPEN WOUND
93-1163	SMRT, OPEN WOUND (DT)
93-1164	SMRT, FOREARM FRACTURE
93-1165	SMRT, FOREARM FRACTURE (DT)
93-1166	SMRT, BLAST LEG
93-1167	SMRT, FEMUR FRACTURE
93-1168	SMRT, FEMUR FRACTURE (DT)
93-1169	SMRT, LARGE LACERATION
93-1170	SMRT, LARGE LACERATION (DT)
93-1171	SMRT, TIBIA HEAD FRACTURE
93-1172	SMRT, TIBIA HEAD FRACTURE (DT)
93-1173	SMRT, ANKLE FRACTURE
93-1174	SMRT, ANKLE FRACTURE (DT)
93-1175	SMRT, KNEE WOUND
93-1176	SMRT, KNEE WOUND (DT)
93-1177	SMRT, OPEN FRACTURE
93-1178	SMRT, OPEN FRACTURE (DT)
93-1179	SMRT, ABDOMINAL EVISCERATION
93-1180	SMRT, ABDOMINAL EVISCERATION (DT)
93-1181	SMRT, GSW SHOULDER
93-1182	SMRT, GSW SHOULDER (DT)
93-1183	SMRT, PACKABLE FEMORAL - GSW/BLAST
93-1184	SMRT, PACKABLE FEMORAL - GSW/BLAST (DT)
93-1185	SMRT, ANTECUBITAL ARM WOUND
93-1186	SMRT, ANTECUBITAL ARM WOUND (DT)
93-1187	SMRT, PACKABLE FEMORAL - LACERATION
93-1188	SMRT, PACKABLE FEMORAL - LACERATION (DT)
93-1189	SMRT, EXTREMITY WOUND - VERSATILE PLACEMENT

ITEM#	DESCRIPTION
93-1190	SMRT, EXTREMITY WOUND - VERSATILE PLACEMENT (DT)
93-1191	SMRT, GSW FOREARM
93-1192	SMRT, GSW FOREARM (DT)
93-1193	SMRT, LACERATION FOREARM
93-1194	SMRT, LACERATION FOREARM (DT)
93-1195	SMRT, GSW THIGH
93-1196	SMRT, GSW THIGH (DT)
93-1197	SMRT, SAW WOUND - THIGH
93-1198	SMRT, SAW WOUND - THIGH (DT)
93-1199	SMRT, HIP GSW - LARGE CALIBER
93-1200	SMRT, HIP GSW - LARGE CALIBER (DT)
93-1201	SMRT, ANIMAL ATTACK
93-1202	SMRT, ANIMAL ATTACK (DT)
93-1203	SMRT, GSW VERSATILE PLACEMENT
93-1204	SMRT, GSW VERSATILE PLACEMENT (DT)
93-1205	SMRT, TIBIA FRACTURE - DISTAL COMPOUND
93-1206	SMRT, TIBIA FRACTURE - DISTAL COMPOUND (DT)
93-1207	SMRT, GSW VERSATILE PLACEMENT - MEDIUM
93-1208	SMRT, GSW VERSATILE PLACEMENT - MEDIUM (DT)
93-1209	SMRT, SUCKING CHEST WOUND
93-1210	SMRT, SUCKING CHEST WOUND (DT)
93-1211	SMRT, BLEEDING SYSTEM
93-1212	SMRT, TRAUMA TABLE - HYPERLITE
93-1213	SMRT, TRAUMA TABLE - LITTER VARIANT
SIMULATION SYSTEMS	
93-1214	SMRT, MCI/PHTLS/ATLS/TNCC LEVEL I
93-1215	SMRT, SMRT, MCI/PHTLS/ATLS/TNCC LEVEL II
93-1216	SMRT, SMRT, MCI/PHTLS/ATLS/TNCC LEVEL III
93-1217	SMRT, SMRT, MCI/PHTLS/ATLS/TNCC LEVEL IV
93-1218	SMRT, SOCOM TC3 LEVEL I
93-1219	SMRT, SMRT, SOCOM TC3 LEVEL II
93-1220	SMRT, SMRT, SOCOM TC3 LEVEL III
93-1221	SMRT, TC3 LEVEL I
93-1222	SMRT, SMRT, TC3 LEVEL II
93-1223	SMRT, SMRT, TC3 LEVEL III
93-1224	SMRT, TC3 TIER 3/4 (INCLUDES TRAUMA TABLE - LITTER)
PROGRAM SIMULATION SYSTEMS	
93-1225	SMRT, PROGRAM KIT - AIRWAY SIMULATION SYSTEM
93-1226	SMRT, PROGRAM KIT - JUNCTIONAL SIMULATION SYSTEM
93-1227	SMRT, PROGRAM KIT - BLAST / BURN SIMULATION SYSTEM
93-1228	SMRT, PROGRAM KIT - EXTREMITY WOUNDS SIMULATION SYSTEM
93-1229	SMRT, PROGRAM KIT - ORTHO TRAUMA SIMULATION SYSTEM
93-1230	SMRT, PROGRAM KIT - TRAUMA TABLE SIMULATION SYSTEM - HYPERLITE
93-1231	SMRT, PROGRAM KIT - TRAUMA TABLE SIMULATION SYSTEM - LITTER
93-1232	SMRT, PROGRAM KIT - MSTC SIMULATION SYSTEM



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