

Tactical Hemorrhage Control Trainer (THCT)

Rapid Assessment and Hemorrhage Control Training



The Tactical Hemorrhage Control Trainer (THCT) is an ultra-lifelike, wireless and autonomous patient simulator for TCCC/TECC rapid assessment and hemorrhage control training. The THCT features independent upper and lower body venous and pulsatile arterial bleeding, controlled remotely with a free and easy-to-use mobile phone application. The THCT can also be used to train essential TCCC/TECC point-of-injury skills such as emergency airway management, needle decompression and intraosseous injection.

Full-body Mannequin

- Full-body, wireless, tetherless, and autonomous simulator
- Anatomically-accurate soft tissue
- Ruggedized and water-resistant for indoor and outdoor environments
- Multiple wound configurations including amputations and gunshot wounds
- Realistic and lifelike weight
- Fully-articulated limbs
- Easy-to-use instructor phone app (iOS and Android)
- Extended battery life: 20+ hours

Essential Skills Training

- Endotracheal tube placement
- Supports supraglottic devices (including LMAs)
- Bag-valve-mask ventilation
- Assessment of oral and nasal areas
- Oropharyngeal and nasopharyngeal airway
- Needle decompression (midclavicular/midaxillary)
- Chest Seal
- Cricothyrotomy
- Humeral and sternal intraosseous
- Catheterization
- IV cannulation

Hemorrhage Control

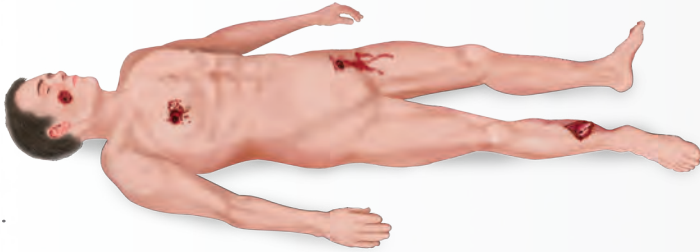
- Remotely-activated venous and pulsatile arterial bleeding
- Wound packing and bandaging
- Junctional and standard tourniquet application
- Blood reservoir: 6L male/3.5L female

Rapid Assessment

- Airway and breathing
- Oral and nasal
- Bleeding

THCT Wound Configurations

Available for male and female versions



1. GSW right side of the face
Left back GSW exit wound
GSW right side of the chest
Left inguinal wound
Right tib/fib open fracture



2. GSW left chest entrance wound
GSW exit wound to the right back
Left axillary wound
Bilateral below the knee amputations



3. Right chest GSW entrance wound
Left back GSW exit wound
Left lower arm amputation
Left tib/fib below the knee amputation
Right inguinal wound