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Tactical Combat Casualty Care Simulator with Major Vascular Injuries - TCCS 2

Item No.	1021381
Weight	97.5kg
Dimensions	190.5 x 53.4 x 27.9 cm
Brand	Operative Experience Inc.
MPN:	TCCS2

Read More

SKU:

Categories:TCCC Training Manikins

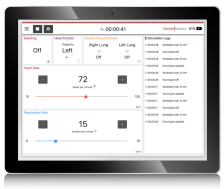












Product Description

Complete simulator with major vascular injuries to enhance Tactical Combat Casualty Care (TCCC) training The full body Tactical Casualty Care Simulator 2 (TCCS 2) offers military, government forces, medical rescue, and private security the opportunity to realistically **train combat trauma care for major vascular injuries** using common wound patterns found in combat casualties. Tactical Combat Casualty Care training can get rough and this trauma simulator was built to last even under the toughest training scenarios. It is **highly ruggedized and water resistant** and can be used both outdoors in battlefield training and indoors in classroom settings:

- Simulates combat trauma injuries and **major vascular injuries** for training of **hemorrhage management** and **airway control** with **life-like tissue**
- Full-body simulator, realistic size and weight (1,93 m/ 6'4" and 84 kg/ 185lb) with fully articulating limbs for **high threat extraction training**
- Simple to operate, fully mobile and remotely controlled for **realistic TCCC field training scenarios**
- Easy-to-use **instructor interface tablet** with simulation logs and self-diagnosis
- Remote controlled (up to 48 m/ 52 yards distance): **respiratory and heart rate**, **pulsating bleeding** and **arterial hemorrhage** with 11 l (3-gallon) blood reservoir

Use the TCCS 2 to simulate combat trauma scenarios featuring injuries from an IED (improvised explosive device) attack followed by an ambush. Prehospital patient care in combat scenarios focuses on fast solutions for hemorrhage control, wound management, and airway stabilization. The TCCS 2 offers the following training scenarios for **combat casualty care management**:

Tactical Combat Casualty Care Simulation			
	Included Standard TCCC Simulation Features		
Major Vascular Injury	**Hemorrhage Management**	**Airway Management**	**Breathing and Circulation**
Shrapnel injury to neck causing major vascular injury	Bleeding control via elevation, pressure points and kneedropping method	Insertion of nasal & oral pharyngeal airways	Bilateral and independent chest excursion
Oblique through-and-through gunshot wound to right groin above tourniquet line	Apply tourniquets to control mas-sive hemorrhage (CAT, junctional)	Advanced foreign body removal	Midclavicular and midaxillary needle decompression for tension pneumothorax
Gunshot wound to left thigh	E□ective drop knee technique	Suction of the airway	Humeral and sternal intraosseous infusion

Open tibia/ fibula fracture	Multiple and independent bleeding sites	Perform intubation (King LT and I-Gel)	Respiratory distress
	Through and through wounds	External ventilation (Bag Valve Mask)	Carotid and radial pulses
	Wound packing for severely bleeding wounds	Cricotherotomy	

The Tactical Casualty Care Simulator 2 is delivered with:

- Two-way communication headset, range up to 91 m/ 100 yards
- Instructor Control Interface Tablet and Case, Software and License
- Rugged Carry Case
- 3,8 l (1 gal) concentrated, simulated blood (antimicrobial, antifungal, antifreeze)
- 2 x rechargeable batteries 18V 12A hour lithium-ion, (electrical input 110V)

Watch the **demo video** to see TCCC training with a Tactical Casualty Care Simulator: **Choose your wound configuration with the following TCCS feature comparison** All Tactical Combat Casualty Care simulators **include the standard features** (hemorrhage management, airway management, and advanced trauma life support), plus these specific combat wound configurations:

Additional Wound Configurations of Tactical Casualty Care Simulators				
TCCS 1:	**TCCS 2:**	**TCCS 3:**	**TCCS 4:**	**TCCS 5:**
Gunshot Wound Management	**Major Vascular Injury**	**Traumatic Amputation Injuries**	**Multiple Traumatic Gunshot Wound and Amputation Injuries**	**Abdominal Wounds with Evisceration**
1021380	**1021381**	**1021382**	**1021383**	**1021384**
Gunshot wound to the face causing hemic drowning	Shrapnel injury to neck causing major vascular injury	Traumatic amputations above left elbow, above left knee, and at upper right thigh above tourniquet line	Traumatic amputation above the left elbow and the left knee	Open abdominal wound with evisceration
Gunshot wound to left upper arm	Oblique through-and-through gunshot wound to right groin above tourniquet line	Burn, blast and fragment wounds on left side of body	Fragmentation wounds to left side of the body	Traumatic amputation above right wrist
Fragment wounds to the left chest	Gunshot wound to left thigh	–	Sucking chest wound (i.e. open pneumothorax)	Deep avulsion of the posterior proximal right thigh

–	Open tibia/ fibula fracture	–	Burns to the left side of the face	–

Watch Mick Navin, CEO of Operative Experience, Inc. on TV using the TCCS to explain hemorrhage control techniques for "Stop the Bleed" day: Why Choose the TCCC Simulator with Major Vascular Injuries TCCS-2 for Your Simulation Lab in India? The TCCC Simulator with Major Vascular Injuries TCCS-2 from Operative Experience is a trusted training tool used across simulation labs in India for hands-on vascular injury management practice. This simulator helps medical students and healthcare professionals build critical competencies in a safe, controlled environment — fully aligned with advanced trauma life support protocols and NMC requirements for emergency medicine training. Who Is This Simulator Ideal For? This product is recommended for trauma centers, military medical training facilities, emergency medicine departments, and medical colleges offering ATLS certification programs. Whether you are setting up a new simulation lab or upgrading your existing facility, the TCCC Simulator with Major Vascular Injuries TCCS-2 offers an excellent balance of realism, durability, and training value. Why Buy from SEM Trainers? SEM Trainers is a leading supplier of medical manikins and simulators across India. Authorized Operative Experience distributor in India. We provide complete support including pan-India delivery, on-site installation, faculty training workshops, and prompt after-sales maintenance. All our products carry genuine manufacturer warranty and meet ISO 9001 quality standards. Frequently Asked Questions Q: Is the TCCC Simulator with Major Vascular Injuries TCCS-2 compliant with NMC simulation lab requirements? A: Yes, this simulator supports the skill-based training competencies specified under NMC’s CBME framework for Indian medical and nursing institutions. Q: Does SEM Trainers provide installation and training support? A: Absolutely. We offer on-site installation, hands-on demo sessions, and faculty orientation workshops for every product delivered, anywhere in India. Q: What is the warranty and how do I get support? A: All products come with standard manufacturer warranty. For support, reach us at sem@semtrainers.com or call +91-88495 63724.