First in the World Life-Identical Female Trauma Simulator

Unlike unrealistic female simulator models previously available—often a male body form with the addition of female genitalia—the TCCSF has unprecedented differences in realism and anatomical accuracy unlike anything else on the market:

- Smaller mandible
- Less prominent thyroid cartilage
-Lighter and less dense skeletal elements
- Less muscle mass
- Weight: 130lbs
- More fibro-adipose tissue over the pectoral regions, including breasts of varying size
- More gluteal adipose tissue
- Vulval, introitus, clitoris and urethral orifice
- Vagina, uterus and tuba-ovarian structures within the lower pelvis
- The possibility of pregnancy with a palpable gravid uterus
- The possibility of menstrual blood on an un-wounded perineum

With the new TCCSF, cognitive and psychomotor training programs that familiarize medics with these critical anatomical and physiological differences become a powerful weapon in the battle to reduce mortality from trauma of female patients in emergency scenarios.
Comprehensive Tactical Combat Casualty Care Training using an anatomically accurate Female Patient.

Airways
- Assessment of oral and nasal areas
- Realistic airway – induction capable
- Insert nasal & oral pharyngeal airways
- Manage difficult airway
- Perform suction of the airway – nasal and oropharyngeal
- Insert nasal & oral pharyngeal airways
- Manage difficult airway
- Insert nasal & oral pharyngeal airways
- Perform advanced foreign body removal from airway
- Perform suction of the airway – nasal and oropharyngeal
- Insert nasal & oral pharyngeal airways
- Manage difficult airway
- Insert nasal & oral pharyngeal airways
- Perform advanced foreign body removal from airway
- Perform suction of the airway – nasal and oropharyngeal
- Insert nasal & oral pharyngeal airways
- Manage difficult airway
- Insert nasal & oral pharyngeal airways
- Perform advanced foreign body removal from airway
- Perform suction of the airway – nasal and oropharyngeal
- Insert nasal & oral pharyngeal airways

Breathing
- Remote-controlled pulmonary and arterial hemorrhage
- Bleeding control via pressure, elevators, and pressure points
- CAT, junctional and aortic tourniquets
- Apply tourniquets to control bleeding
- Apply external ventilator
- Manage difficult airway
- Insert nasal & oral pharyngeal airways
- Perform advanced foreign body removal from airway
- Perform suction of the airway – nasal and oropharyngeal
- Insert nasal & oral pharyngeal airways
- Manage difficult airway
- Insert nasal & oral pharyngeal airways
- Perform advanced foreign body removal from airway
- Perform suction of the airway – nasal and oropharyngeal
- Insert nasal & oral pharyngeal airways
- Manage difficult airway
- Insert nasal & oral pharyngeal airways
- Perform advanced foreign body removal from airway
- Perform suction of the airway – nasal and oropharyngeal
- Insert nasal & oral pharyngeal airways

Hemorrhage Management
- Bilateral mid-clavicular and axillary needle decompression
- Apply tourniquets to control bleeding
- Apply external ventilator
- Manage difficult airway
- Insert nasal & oral pharyngeal airways
- Perform advanced foreign body removal from airway
- Perform suction of the airway – nasal and oropharyngeal
- Insert nasal & oral pharyngeal airways
- Manage difficult airway
- Insert nasal & oral pharyngeal airways
- Perform advanced foreign body removal from airway
- Perform suction of the airway – nasal and oropharyngeal
- Insert nasal & oral pharyngeal airways

Circulation
- Remote-controlled heart rate
- Remote-controlled pulmonary and arterial hemorrhage
- Bilateral mid-clavicular and axillary needle decompression
- Support to external ventilation
- Manage difficult airway
- Insert nasal & oral pharyngeal airways
- Perform advanced foreign body removal from airway
- Perform suction of the airway – nasal and oropharyngeal
- Insert nasal & oral pharyngeal airways
- Manage difficult airway
- Insert nasal & oral pharyngeal airways
- Perform advanced foreign body removal from airway
- Perform suction of the airway – nasal and oropharyngeal
- Insert nasal & oral pharyngeal airways

Mannequin and Software
- Full-body, wireless, tetherless and autonomous simulator
- Remote-controlled heart rate
- Remote-controlled pulmonary and arterial hemorrhage
- Bilateral mid-clavicular and axillary needle decompression
- Support to external ventilation
- Manage difficult airway
- Insert nasal & oral pharyngeal airways
- Perform advanced foreign body removal from airway
- Perform suction of the airway – nasal and oropharyngeal
- Insert nasal & oral pharyngeal airways

The Tactical Casualty Care Simulator Female (TCCSF) is the world’s first simulator to provide high-fidelity, comprehensive TCCC training for a female patient. Anatomically accurate and fully-realistic, the female TCCS features wound patterns that simulate traumatic injuries from an explosion, blunt trauma and gunshot wounds. Simple to operate, the TCCSF is designed for training in prehospital patient care, wound management, airway stabilization and hemorrhage control.

The TCCSF features arterial and venous hemorrhage, humeral & sternal intraosseous, two-way communication and mid-clavicular and axillary needle decompression. The TCCSF is highly ruggedized, water-resistant, fully mobile and ideally suited for challenging, real-world training scenarios in any indoor or outdoor environment.
Comprehensive Tactical Combat Casualty Care Training using an anatomically accurate Female Patient.

Airways
- Assessment of oral and nasal areas
- Realistic airway - intubation capable
- Insert nasal & oral pharyngeal airways
- Manage difficult airway
- Perform suction of the airway – nasal and oropharyngeal
- Intubation
- Insert nasal & oral pharyngeal airways
- Manage difficult airway
- Perform suction of the airway – nasal and oropharyngeal
- Tracheal intubation
- Supports supraglottic devices (incl. LMAs)
- Cryothyrotomy

Breathing
- Remote-controlled respiratory rate
- Bilateral and independent chest excursion
- Bilateral mid-clavicular and axillary needle decompression
- Support to external ventilation

Circulation
- Remote-controlled heart rate
- Remote-controlled pulse – carotid and non-injured limbs
- Forearm and antecubital
- Through and through wounds
- 1.5 liter blood reservoir

Hemorrhage Management
- Remote-controlled pulsatile bleeding and arterial hemorrhage
- Bleeding control via pressure, elevation, and pressure points
- CAT, junctional and aortic tourniquets
- Apply tourniquets to control bleeding
- Apply percutaneous tourniquets to control massive hemorrhage
- Wound packing
- Needle and independent bleeding sites
- Through and through wounds
- 1.5 liter blood reservoir

Mannequin and Software
- Full-body, wireless, tetherless and autonomous simulator
- Robust and versatile for indoor and outdoor environments
- 1.5 liter blood reservoir
- Fully-articulated limbs
- Two-way, headset communication system
- Simulation logs
- System health status with complete and real-time self-diagnostics

The Tactical Casualty Care Simulator Female (TCCSF) is the world’s first simulator to provide high-fidelity, comprehensive TCCC training for a female patient. Anatomically accurate and fully-articulated, the female TCCS features wound patterns that simulate traumatic injuries from an explosion, blunt trauma and gunshot wounds. Simple to operate, the TCCSF is designed for training in prehospital patient care, wound management, airway stabilization and hemorrhage control.

The TCCSF features arterial and venous hemorrhage, humeral & sternal intraosseous, two-way communication and mid clavicular and axillary needle decompression. The TCCSF is highly ruggedized, water-resistant, fully mobile and ideally suited for challenging, real-world training scenarios in any indoor or outdoor environment.
First in the World Life-Identical Female Trauma Simulator

Unlike unrealistic female simulator models previously available—often a male body form with the addition of female genitalia—the TCCS F has unprecedented differences in realism and anatomical accuracy unlike anything else on the market:

- Smaller mandible
- Less prominent thyroid cartilage
- Lighter and less dense skeletal elements
- Less muscle mass
- Weighs 130 lbs
- More fibro-adipose tissue over the pectoral regions, including breasts of varying size
- More gluteal adipose tissue
- Vulval, introitus, clitoris and urethral orifice
- Vagina, uterus and tuba-ovarian structures within the lower pelvis
- The possibility of pregnancy with a palpable gravid uterus
- The possibility of menstrual blood on an un-wounded perineum

With the new TCCS F, cognitive and psychomotor training programs that familiarize medics with these critical anatomical and physiological differences become a powerful weapon in the battle to reduce mortality from trauma of female patients in emergency scenarios.
Comprehensive Tactical Combat Casualty Care Training using an anatomically accurate Female Patient.

Airways
- Assessment of oral and nasal areas
- Airway - intubation capable
- Insert nasal & oral pharyngeal airway
- Manage difficult airway
- Perform suction of the airway – nasal and oropharyngeal
- Insert nasal & oral pharyngeal airways
- Manage difficult airway
- Perform advanced foreign body removal from airway
- Perform suction of the airway – nasal and oropharyngeal
- Tracheal intubation
- Supports supraglottic devices (incl. LMAs)
- Cryo (cryotome)

Breathing
- Remote-controlled respiratory rate
- Bilateral and independent chest excursion
- Bilateral mid-clavicular and axillary needle decompression
- Support to external ventilation

Circulation
- Remote-controlled heart rate
- Remote-controlled pulse – carotid and non-injured limbs
- Humeral and sternal intraosseous

Hemorrhage Management
- Remote-controlled pulsatile bleeding and arterial hemorrhage
- Bleeding control via pressure, elevators, and pressure points
- CAT, junctional and aortic tourniquets
- Apply tourniquets to control bleeding
- Apply junctional tourniquets to control massive hemorrhage
- Assess and treat upper and lower limb amputations
- Wound packing
- Multiple and independent bleeding sites
- 1.5 liter blood reservoir

Hemorrhage Management
- Remote-controlled pulsatile bleeding and arterial hemorrhage
- Bleeding control via pressure, elevators, and pressure points
- CAT, junctional and aortic tourniquets
- Apply tourniquets to control bleeding
- Apply junctional tourniquets to control massive hemorrhage
- Assess and treat upper and lower limb amputations
- Wound packing
- Multiple and independent bleeding sites
- 1.5 liter blood reservoir

Tactical Casualty Care Simulator Female

The Tactical Casualty Care Simulator Female (TCCSF) is the world’s first simulator to provide high-fidelity, comprehensive TCCC training for a female patient. Anatomically accurate and fully realistic, the female TCCS features wound patterns that simulate traumatic injuries from an explosion, blunt trauma and gunshot wounds. Simple to operate, the TCCS is designed for training in prehospital patient care, wound management, airway stabilization and hemorrhage control.

The TCCS features arterial and venous hemorrhage, humeral & sternal intraosseous, two-way communication and mid-clavicular and axillary needle decompression. The TCCS is highly ruggedized, water-resistant, fully mobile and ideally suited for challenging, real-world training scenarios in any indoor or outdoor environment.
**Introduction**

Introducing the world’s first female tactical casualty care simulator.

**Technical Specifications**

**Standard Equipment**

- Full-body wireless female manikin
- Water resistant
- 65" H x 23.6" W x 11" D (165 cm x 60 cm x 28 cm)
- 130 lbs (59 kg)*
- Fully-articulated limbs
- Internal batteries - Dual pack Li-Ion 18.5V, 6400 mAh, 6A rate with built-in thermal protection. UN38.3 certified
- Run time: 10 hours
- Electrical Input: 100V - 240V

*Simulator weights can vary +/- 5%

**Two-Way Communication**

- Line of sight two-way communications headset
- Range up to 100 yards

**Instructor Control Interface Tablet**

**Software and License**

(iOS, Android, Windows 10, Mac OS 10.12 or greater)

**Rugged Carry Case**

- One Gal concentrated antimicrobial, antifungal, antifreeze simulated blood

**Optional Items**

- Part Number 510024: Simulated Blood
- Part Number 500168: Additional Battery Pack

**First in the World Life-Identical Female Trauma Simulator**

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