

TCS Plus Pro

TCS Plus Pro is a fully-modular, high-fidelity, patient simulator for individual and multi-disciplinary TECC, ACLS, ATLS and ALS team training, with lifelike soft tissue and skin, advanced physiology and conditions, drug support, integrated patient monitoring, automated expert-validated clinical scenarios and on-the-fly, instructor-driven scenarios. Available in anatomically accurate male and female models and African American, Hispanic and Caucasian skin tone options.



Pro Series Modularity and Software

- Interchangeable Plug-and-Play Limbs
- Compatible for Add-On Moulage Wounds
- Easy-to-use Instructor Tablet and new OEI SIM Pro Software (iOS, Android and Mac/PC)
- Compatible for OEI SIM Pro Software Upgrades
- Smart Limb™ Recognition
- Integrated Patient Monitoring
- Clinical and Trauma Scenarios
- Drug Support
- Maintain Simulation Logs
- Complete Self-Diagnostics

Mannequin

- Full-Body, Wireless and Tetherless Simulator
- Ruggedized and Water-Resistant for Indoor and Outdoor Environments
- Patient Decontamination Capable
- Realistic and Lifelike Weight (Male: 185 lbs/Female: 135 lbs)
- Fully-Articulated Limbs
- Hypothermia Prevention/Active Heating Blanket
- 10+ Hours Battery Life

Establish Perimeter

- Perform First Impression Assessment
- Perform Patient Extraction
- Perform Primary Assessment
- Triage Patients
- Perform Secondary Assessment (Head to Toe)

Airway Management

- Difficult Airway with Tongue Swelling
- Head Tilt, Chin Lift & Jaw Thrust Maneuvers
- Assessment of Oral and Nasal Airways
- Perform Mouth-Mouth Respirations With or Without Barrier Device
- Perform Suction of the Nasal and Oral Pharyngeal Airways
- Perform Foreign Body Removal from Oral Cavity
- Realistic Airway - Intubation Capable
- Supports Nasal/Oral Pharyngeal Airway Devices, Supraglottic Airway, Endotracheal & Nasal Intubation, and Blind Intubation
- Perform Needle & Surgical Cricothyrotomy
- Placement in the Recovery Position

Circulation

- Pelvic Binder Placement
- Unilateral Blood Pressure Measurement
- Heart Rate/Pulse Remotely Controlled
- Multiple Heart Sounds
- Assess Pulses (Carotid, Brachial, Radial, Femoral, Popliteal, Dorsalis Pedis, Posterior Pedis)
- Sternal/Humeral Intraosseous Placement
- Chest Compressions
- Venipuncture/IV Catheter Placement/Fluid & Blood Infusion

Hemorrhage Management

- Assess & Treat Arterial Hemorrhage
- Assess & Treat Venous Hemorrhage
- Assess & Treat Traumatic Amputation
- Control Bleeding by Direct Pressure/ Pressure Points/ Elevation/Wound Packing/Pressure Bandage/ Tourniquet/ Junctional Tourniquet
- Assess/Treat Entrance/Exit Penetrating Chest Wound
- Multiple and Independent Bleeding Sites
- Remote-Controlled Pulsatile Arterial Bleeding
- Remote-Controlled Venous Bleeding
- Penetrating Trauma Wounds
- Blood Reservoir : 3L Male/1.5L Female

Neurological and Musculoskeletal

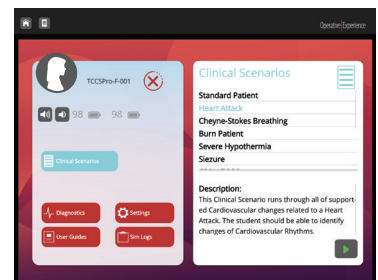
- Bilateral Blinking Eyes
- Assess Pupil (Normal/Constricted/Dilated)
- Bilateral Pupillary Assessment
- Apply Cervical Collar
- Assess and Treat Fractures
- Assess for Crepitus

Respiration and Breathing

- Assess and Treat for Tension Pneumothorax
- Perform Mid-Clavicular and Anterior Mid-Axillary Needle Thoracocentesis
- Spontaneous Breathing
- Assess Respiratory Rate, Rhythm & Depth
- Assess Bilateral/Unilateral Chest Rise/Fall
- Supports BVM Ventilation With Chest Rise & Fall
- Treat Penetrating Chest Wound (Entrance and Exit)
- Apply Chest Seal

Urinary and Integumentary

- Urinary Catheterization Placement
- Straight and Indwelling Foley Catheters
- Assess/Treat Burns



Upgrade Options for TCS Plus Pro:

- Additional Interchangeable Limbs and Moulage Wounds
- Additional Clinical and Trauma Scenarios
- Additional Drug Support Library
- Additional Premium Real-World Patient Monitor Screens