CAE

CAE Ares

Emergency-Care Patient Simulator

Save both money and time using CAE Ares, our cost-effective emergency-care manikin. This mid-fidelity patient simulator comes packed with features, including muscle injection sites, a realistic breathing system, a difficult airway and two-way communication between the manikin (operator) and learner.

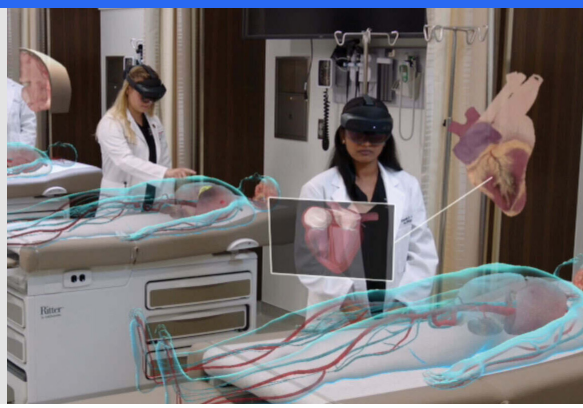
Designed to respond to various levels of emergency care, CAE Ares provides a top-tier training experience to help students and practicing professionals prepare to manage traumas, including:

- Cardiopulmonary Arrest
- Closed Head Injury and Pneumothorax
- Heroin Overdose
- Inferior-Posterior Myocardial Infarction
- Sepsis with Hypotension
- Stroke

Healthcare through a new lens

Enhance learning with augmented reality featuring Microsoft HoloLens2. CAE AresAR complements the CAE Ares manikin or works as a standalone tool to provide:

- An engaging mixed-reality learning experience
- Large-scale anatomical views
- Interactive learning to minimize time to mastery



Emergency-care education on a budget

Budget-friendly and efficient, CAE Ares is designed to help learners practice real-life interventions in a risk-free environment.

Interchangeable Genders
Two patients in one. Broaden real-life clinical experiences by changing the hair and genitalia of CAE Ares to easily convert this simulator from male to female and back again.

CAE SymEyes
Explore numerous health concerns by changing the condition and appearance of CAE Ares' eyelids, sclera and pupils.

CAE Maestro
Experience realistic CPR performance. Software detects hand placement, rate and depth of compressions, recoil, ventilations, and ventilation-to-compression ratio.

Learn More About CAE Ares

Call us at +1.941.377.5562 or email SRQAccountmanagers@cae.com

caehealthcare.com

CAE Ares

Technical Specifications

Manikin

Dimensions: 64" H x 20.5" W x 10" D (162.56 cm x 52.07 cm x 25.4 cm)
Approximate Weight: 50 lbs. (22.7 kg), varies depending on options

Electrical

AC Input: AC 115-230VAC, 50/60Hz
2 internal batteries: 15V 3.20Ah lithium-ion, rechargeable
Manikin battery life: Approximately 4 hours

Available in two skin tones: Medium Dark

Standard Equipment

- CAE Ares wireless and tetherless manikin
- Male and female gender configuration
- Physiological Modeling for CAE Maestro
- One wireless StethoSym
- Instructor tablet
- CAE Maestro software suite—instructor-driven (manual mode) only
- One CAE Maestro Standalone license (manual mode)
- Includes 6 CAE simulated clinical experiences (SCEs)
  - Cardiopulmonary Arrest
  - Closed Head Injury and Pneumothorax
  - Heroin Overdose
  - Inferior-Posterior Myocardial Infarction
  - Sepsis with Hypotension
  - Stroke
- Single year of CAE Express Assurance warranty plan

Optional Equipment

- Patient monitor computer
- AresAR software license
- Microsoft HoloLens 2
- SymDefib external defibrillation box
- Complete wound accessory
- Post-mastectomy accessory
- Breast exam accessory
- Articulating arms
- Ultrasound training IV arm or ultrasound insert for venous cannulation and infusion
- Additional StethoSym units
- STOPS Blood Pumping System
- STOPS Hyper-Realistic Moulage Kit
- CAE SimEquip Suite
  - CAE SimEquip Anesthesia
  - CAE SimEquip Ventilator
  - CAE SimEquip Defibrillator
  - CAE SimEquip Transport Ventilator

Optional Software

- Five additional CAE EMS learning modules (10 SCEs per module)
- ACLS learning module (11 SCEs)

Key Features & Benefits

Airway (assess and manage airway)

- Bag-valve-mask (BVM) ventilation
- Orotracheal and nasotracheal intubation
- Placement of various airway adjuncts
- Retrograde and fiber optic
- Transtracheal jet ventilation
- Surgical/needle cricothyrotomy
- Tracheostomy
- Right mainstem intubation detection
- Gastric distention with esophageal intubation
- Laryngospasm (manual)

Articulation

- Realistic articulation of hips, knees, ankles and shoulders
- Cervical motion for practice of patient stabilization

Cardiac (assess and manage cardiac status)

- 4-lead ECG monitoring with real equipment
- 12-lead dynamic ECG display
- Defibrillation, cardioversion and pacing using live equipment via external defib box

Circulation (assess and manage perfusion status)

- Unilateral blood pressure measurement by auscultation and palpation
- Bilateral carotid and femoral pulses
- Unilateral radial and brachial pulses
- Variable pulse strength

CPR

- Compliant with 2020 AHA BLS guidelines and 2021 ERC guidelines
- CPR compressions generate palpable pulse, blood pressure, waveform and ECG artifacts
- Realistic chest compression depth and resistance
- Software metrics detect hand placement, rate and depth of compressions, recoil, ventilations and ventilation-to-compression ratio

IM Medication Administration

- Four intramuscular injection sites

Neuro (perform neurological assessments to identify abnormalities/deficiencies)

- CAE SymEyes

Respiratory (assess and manage breathing)

- Spontaneous breathing
- Bilateral and unilateral chest rise and fall
- Lung auscultation sites on anterior chest
- Upper airway sounds
- Bilateral needle decompression

Software

- Intuitive simulation authoring and control
- Customizable checklists
- Detailed debriefing logs

Sounds

- Auscultation of normal and abnormal heart, lung and bowel sounds with the StethoSym device
- Prerecorded speech and vocal sounds
- Bidirectional audio communication between manikin (operator) and learner

Urinary

- Urinary catheterization without fluids
- Interchangeable male and female genitalia

Vascular Access (manage intravenous and intraosseous access for medication delivery)

- Unilateral IV cannulation at antecubital and dorsum of hand
- Blood draw with vacuum-sealed blood-collection system
- Unilateral humeral Intraosseous access

Reduce medical errors. Improve performance. Enhance patient care.