

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

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 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)

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 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 IO access