

## EMERGENCY-CARE PATIENT SIMULATOR

# Ares

Maximize emergency care team training and life support training with Ares. This mid-fidelity patient simulator comes packed with features, including muscle injection sites, a realistic breathing system, an airway capable of intubation and two-way communication between the manikin (operator) and learner.

Designed to respond to various levels of emergency care, Ares provides top-tier Simulated Clinical Experiences (SCEs) 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



## EMERGENCY-CARE EDUCATION ON A BUDGET

Budget-friendly and efficient, 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 Ares to easily convert this simulator from male to female and back again.

### SymEyes

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

### Maestro

Learner performance data monitoring, including CPR performance metrics. Witness software that detects hand placement, rate and depth of compressions, recoil, ventilations, and ventilation-to-compression ratio.

## 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 90-240VAC, 50/60Hz

**2 internal batteries:** 15V 3.20Ah lithium-ion, rechargeable

**Manikin battery life:** Approximately 4 hours

**Available in two skin tones:**  Caucasian  Black/African American

#### Ares Simulator Package

Ares Simulator	Instructor operating device
SymEyes	Maestro standalone license
IV and NIBP arm	Physiology license
StethoSym	SymDefib Box

#### 6 Simulated Clinical Experiences (SCEs)

Ares Moulage Starter Kit (geriatric mask, set of 5 foreign body stick wounds, 2 fine rash sticky wounds, pitting edema sticky pads, set of 4 6x3 burn sticky wounds)

Gender conversion kit (male and female chest skins, wigs, genitalia)

First Year Manufacturer's Warranty

#### Optional Accessories

All-in-one computer for patient monitor

Tablet Computer for Patient Monitor

Additional Spare StethoSym Devices

IV arm with Blue Phantom Ultrasound IV/PICC cannulation

SimEquip

Geriatric mask

Soft-sided rolling manikin bag

#### Optional Training

Ares includes a Product Familiarization - Virtual Cohort course by an Elevate technician. Customers may elect to upgrade to the following training solutions by a Clinical educator.

1 Day SimPro On-Location

2 Day SimPro Premier at Elevate HQ

#### Key Features & Benefits

##### Airway (assess and manage airway)

Bag-valve-mask ventilation with chest rise and fall

Orotracheal and nasotracheal intubation

Placement of various airway adjuncts

Retrograde and fiber optic intubation

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

##### Cardiovascular (assess and manage perfusion status)

4-lead ECG monitoring with real equipment

12-lead dynamic ECG display

Defibrillation, cardioversion and pacing using live equipment via external SymDefib 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

User-controllable 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

##### Neurologic

(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 with software recognition and resolution

##### 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 with 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