



THE NEXT GENERATION PATIENT SIMULATOR FOR HEALTHCARE EDUCATION

A modular patient simulator that saves time, improves learning outcomes, and prepares students for real-world healthcare. With lifelike simulations, cloud integration, and a modular design, Evo makes training efficient, engaging, and scalable.

Key Features:

- Modular Design
- Real-Time Feedback
- Diversity in Training
- Seamless Connectivity
- Advanced Realism
- Fleet Management & Maintenance



WHO EVO IS FOR



Academia

Streamline curriculum delivery with quick scenario changes, helping students gain critical skills faster.



Medical Centers

Train interdisciplinary teams for complex cases, improving preparedness and patient outcomes.



Simulation Labs

Scale programs effortlessly with modular components and cloud-based management.



WHAT SETS EVO APART

1

Evo is the only simulator offering fully customizable diversity profiles with real-time detection, saving educators hours in setup time.

2

Predictive maintenance and modular design cut operational downtime, ensuring cost-effective, uninterrupted training.

3

Advanced features such as life-like auscultation sounds without dead spots and voice modulation, enhance realism and prepare learners for diverse patient scenarios.



Technical Specifications

MANIKIN

Dimensions: 67" H (170.18 cm)

Approximate Weight: 100 lbs. (45 kg), varies depending on options

ELECTRICAL

AC Input: AC 115-230VAC, 50/60Hz

2 batteries with hot swap feature: 15V 3.20Ah lithium-ion, rechargeable

Manikin battery life: Up to 8 hours

SimEquip Stethoscope life: Up to 8 hours

Available in two ethnic representations: Caucasian African Descent

Standard Equipment

Modular Head and Torso, 2 modular arms and 2 modular legs

Maestro software suite—instructor-driven (SimPort+ for first year)

Tablet to operate manikin (Physiology Software License for EVO)

Includes 5 simulated clinical experiences

- ACS to Cardiac Arrest
- Fluid and Electrolyte Imbalance
- Adult Asthma
- Sepsis
- Diabetic Ketoacidosis

Evo Consumables Kit

Medicor Getting Started Moulage consisting of: 4 Pressure ulcers, Stoma, 2 Pitting edema pads, and 18 assorted sticky wounds with cuts, abrasions and ulcers.

Onsite or Virtual Training included

One year service agreement plan

Installation included

User Guide

Optional Equipment

Additional SimEquip Stethoscope

Additional Battery Kit

Additional Medicor Task Trainer Accessories

Standard Patient Monitor

IV Arm

Consumables Kit

SimEquip Defibrillator/Montior

SimEquip Patient Monitor (Coming Soon!)

Optional Software

Additional Simulation Scenarios (SCEs)

Key Features & Benefits

Airway

Assess and manage airway

Realistic Airway

Nasal packing

Nasopharyngeal and oropharyngeal airway placement

Bag-valve-mask (BVM) ventilation

Oral and dental hygiene care

Endotracheal tube placement

Tracheostomy tube placement

Articulation

Realistic articulation

Range of motion in hips, knees, ankles, shoulders, elbows and wrist

Cervical motion for practice of patient stabilization

Friction at key joints for holding positions

Distributed weight for realistic patient positioning and movement

Cardiac

Assess and manage cardiac status

Defibrillation and cardioversion via software or with SimEquip Defibrillator

5-lead ECG monitoring with SimEquip patient monitor (Coming Soon!)

12-lead dynamic ECG display

Circulation

Assess and manage perfusion status

Unilateral blood pressure measurement by auscultation and palpation

Bilateral carotid, brachial, radial, femoral and dorsalis pedis pulses with programmable intensities

CPR with live feedback and assessment

Gastric and Urinary

Assess and manage gastrointestinal and genitourinary status; deliver and manage medications and fluids; perform catheter and enema insertions

Nasogastric tube insertion with detection of placement

Urinary catheterization with fluids

Interchangeable genitalia

Medication Administration

IV Medication administration and software driven response via IV arm (optional)

Six intramuscular locations for medication administration: bilateral deltoids, bilateral vastus lateralis, and ventrogluteal with software driven response

Respiratory

Assess and manage breathing

Spontaneous breathing with programmable rates and conditions to include unilateral breathing

Quiet operation of breathing mechanism

Chest rise and fall with BVM ventilation via face mask, endotracheal tube and tracheostomy tube

Unilateral chest tube insertion for care and maintenance

Sounds

Auscultation of normal and abnormal heart, lung and bowel sounds with no dead spots anterior and posterior

Prerecorded speech and vocal sounds

Bidirectional audio communication between manikin and operator with voice modulation

Capability to upload custom vocal sounds

Vascular Access

Manage intravenous and intraosseous access for medication delivery

Unilateral IV cannulation at antecubital and dorsum of hand

Fluid and medication administration

Blood draw with vacuum-sealed blood collection system

Service Plans

Single and multi-year service agreements available



Reduce medical errors. Improve performance. Enhance patient care.