



Xcel

ADAM-X Xcel is an adult patient simulator perfectly designed to practice the management of cardiopulmonary arrest, providing detailed real-time feedback on the CPR quality, also recorded for posterior debriefing.

Its software also includes several scenarios for training other clinical emergencies. Some of the manikin's features include vocal sounds, IV access with automatic drug recognition, practicing several medical procedures, and a bedside monitor with multiple adjustable parameters.

General

- 1.80m - 80kg
- Skin tone: Dark, Medium, or Light
- Supine, lateral, and sitting positions
- Wireless and tetherless
- Battery life of approximately 3 hours
- Internal electrical power

Airway

- Realistic anatomy: tongue, epiglottis, vocal cords, trachea, and esophagus
- Airway maneuvers: head tilt, chin lift, and jaw thrust
- Lock-jaw
- Removable front teeth
- Oro- and nasotracheal intubation
- Insertion of oro- and nasopharyngeal airways
- Insertion of supraglottic devices
- Right main bronchus intubation
- Needle and surgical cricothyrotomy

Breathing

- Realistic chest rise and fall when ventilated

- Ventilation sensor with volume measurement
- Bag-valve-mask ventilation
- Thoracic needle decompression
- Chest tube placement

Cardiovascular

- Adjustable heart rate and BP levels
- Extensive ECG library

CPR

- Heart massage position detection
- Realistic compression resistance
- Feedback on CPR quality
- Defibrillation

Other

- Realistic movement of the articulations
- Vocal sounds
- Abdominal thrust maneuver
- Urethral catheterization
- IV access
- Intraosseous insertion



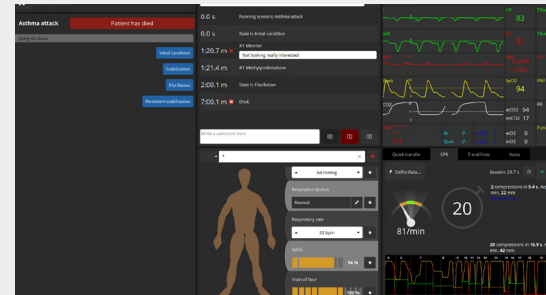
Software

- Wireless operation
- Multi-parameter patient monitor
- 14 pre-programmed scenarios
- Detailed debriefing
- Built-in AV recording possible
- Scenario editor
- ECG and sound editor
- Automatic drug recognition



Realistic look and feel

Special silicone blend used to create realistic skin touch and appearance.



Feedback on CPR

The software exhibits real-time feedback on CPR quality and detailed evaluation for posterior debriefing.



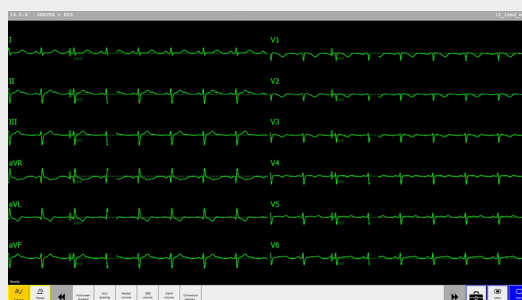
Ventilation

Ventilate ADAM-X Xcel with a bag-valve-mask and watch its chest rises and falls.



Emergency surgical airway

A cricothyrotomy can be performed in all the models of ADAM-X.



12-lead ECG

The patient monitor can be set to show a 12-lead ECG, ideal for cardiology case scenarios.



Automatic drug recognition

45 syringes with wireless tags allow the training of medication administration and management.