Xtra

ADAM-X Xtra is a high-fidelity adult patient simulator ideal for developing the skills of all kinds of healthcare professionals and students. With faithful anatomy and an extensive library of heart and lung sounds, ADAM-X is a powerful tool to teach and practice a thorough physical examination through inspection, palpation, percussion, and auscultation. Some of the manikin's features include auscultation of heart, lungs, and bowel sounds with the Bluetooth stethoscope simulator; several palpable pulses of adjustable intensities synchronized with ECG; and simulation of multiple scenarios.

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
- Bluetooth stethoscope simulator

Airway

- Realistic anatomy: tongue, epiglottis, vocal cords, trachea, and esophagus
- Airway maneuvers: head tilt, chin lift, and jaw thrust
- Lock-jaw, tongue edema, laryngeal edema
- 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
- Lung auscultation
- Thoracic needle decompression
- Chest tube placement

Cardiovascular

- Adjustable heart rate and BP levels
- 8 palpable pulses
- Extensive ECG library
- Heart auscultation

CPR

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

Other

- Realistic movement of the articulations
- Vocal sounds
- Abdominal thrust maneuver
- Bowel sounds
- 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.

CPR training
Anatomical landmarks for heart massage and feedback on CPR quality.

Cardiovascular system
Auscultate normal and abnormal heart sounds synchronized with ECG.

Flexible joints
In addition to perfect anatomy, ADAM-X also presents realistic articulation movements.

Scenarios
14 pre-programmed scenarios that can be easily edited + Scenario Editor to create your own completely customizable scenarios

Realistic pulmonary system
ADAM-X can be manually ventilated or attached to a real mechanical ventilator.