



# Xpert

**ADAM-X Xpert** is a high-fidelity adult patient simulator ideal for medical training, advanced life support scenarios, and simulation of countless clinical cases.

Tetherless and wireless, **ADAM-X Xpert** is an effective tool to develop the skills of all kinds of healthcare professionals. Some of the manikin's features include spontaneous breathing; simulated anaphylaxis with tongue edema and airway constriction; several palpable pulses; and blood pressure measurement with a real cuff.

## 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 and air compressor
- 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
- Ventilation sensor with volume measurement
- Spontaneous breathing
- Bag-valve-mask ventilation
- Lung auscultation
- Several breathing patterns
- Pneumothorax
- Thoracic needle decompression
- Chest tube placement

## Cardiovascular

- Blood pressure measurement
- 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
- Stomach distension
- 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



### Blood pressure

Blood Pressure measurement with a real cuff



### Cradiovascular system

Auscultate normal and abnormal heart sounds synchronized with ECG



### Palpable pulses

8 sites to check central and peripheral pulses.



### Automatic drug recognition

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



### Multi-parameter patient monitor

From basic vital signs to advanced monitoring parameters, the bedside monitor displays all the patient's information.



### Supraglottic devices

ADAM-X Xpert allows the training in airway management with multiple devices.