



MEDICAL-X
ADVANCING SIMULATION

ADAM-X

Trauma

Adult patient simulator



Brochure ADAM-X Trauma

Meet **ADAM-X Trauma**, our life-looking full-body patient simulator combined with Hemorrhage-X3, our powerful bleeding pump system.

Faithful reproduction of a man's anatomy, **ADAM-X Trauma** has distinctive and unique human characteristics, allowing the training of several emergency procedures.

With an internal tank with a capacity of 2.5 liters of simulated blood and a bleeding flow rate up to 400mL/min, **ADAM-X Trauma** brings even more realism to your trauma scenarios and transforms the simulated training into an immersive and memorable training experience!

The tutor can control several bleeding parameters using a smartphone, tablet, or laptop with the Hemorrhage-X App and the bleeding stops automatically after the placement of a tourniquet.

ADAM-X Trauma is easy to clean and disinfect, durable, and suitable for training in any environment, ideal for military and civilian trauma emergency exercises and basic life support training in a pre-hospital scenario.



GENERAL

- Human-like soft skin
- Flexible joints
- 1.80m – 80kg
- Skin tone: Dark, Medium, or Light
- Supine, lateral, and sitting positions



AIRWAY

- Realistic anatomy: tongue, epiglottis, vocal cords, trachea, and esophagus
- Airway maneuvers: head tilt, chin lift, and jaw thrust
- 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
- Bag-valve-mask ventilation
- Thoracic needle decompression
- Chest tube placement





CPR

- Anatomical landmarks for heart massage
- Realistic compression resistance

OTHER

- Abdominal thrust maneuver
- Urethral catheterization
- Intraosseous insertion



BLEEDING SYSTEM

Internal tank capacity: 2.5 liters

Bleeding Type:

- Continuous (Venous bleeding)
- Pulsating (Arterial Bleeding)

Heart Rate: 20 – 220 BPM

Flow Rate: 100 – 400 mL/minute (Depending on the trauma limb used)

The device recognizes and measures the pressure applied to the bleeding wound, turning off automatically when the bleeding is fully obstructed.

The timer starts/stops automatically according to the bleeding, allowing an accurate debriefing session

Remote control by a web application



*Hemorrhage-X Bleeding System



TRAUMA ACCESSORIES

Our optional trauma accessories bring visually impacting injuries increasing the realism of the scenario.

**All the wounds can be personalized. Contact us to learn about all the possibilities and customized solutions offered.*

Amputated leg



Amputated arm



Fractured leg



Gunshot leg



Burnt arm



Trauma arm laceration



Shrapnel wound chest



Gunshot chest





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medical-x.com

