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ADAM-X HPS - Human Patient Simulator

Item No. 1021109
Weight 80kg
MPN: ADAM-X HPS
Previous Item No. 1020940

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SKU:

Categories:ALS Adult



Product Description

ADAM-X is the male patient simulator designed for practicing skills and providing medical assistance in case of emergency. ADAM-X is a reproduction of a skeletal and anatomical structure of a human. ADAM-X is durable and suitable for training in any trauma emergency situation in any environment, ideal for military and civilian trauma emergency training. ADAM-X is a wireless system; a fully functional wireless computer allows the instructor to monitor and make adjustments in the course of the

training. ADAM-X has distinctive and unique characteristics and features, making the training more realistic. **Realistic anatomy** ADAM-X is a reproduction of a skeletal and anatomical structure of a human with distinctive characteristics and features. It is humanized and has a very realistic skin. ADAM-X has automatic blinking depending on physiological status, as well as a physiological reaction of the pupils to light and to touch. The teeth are replaceable and the tongue of the ADAM-X can swell. **Training** The ADAM-X is ideal for ALS training, scenario training and medical treatment training. Because the ADAM-X is completely wireless and tetherless, and has realistic human proportions, it is very portable and ideal for on-site training. During CPR training, the accuracy of the hand placement is tracked, as well as the depth and rate of compression. **Sounds** ADAM-X has a wide variety of sounds. Auscultation is possible with 8 points of breath sounds, 5 points of heart sounds and 14 points of lung sounds on the front of the mannequin, with the possibility of an independent set of options of the sounds in 4 areas. There is also the possibility of auscultation on the back of the mannequin. Breath sounds are independent and are related to ventilation of each lung. ADAM-X has speech, and can say “yes”, “no” and some interjections. Also featured are guttural and coughing sounds. **Cardiovascular system** The ADAM-X has a bilaterally palpable pulse on the carotid artery, the femoral artery, the radial artery, the dorsal artery of the foot, the popliteal artery and the posterior tibialis. **Pulmonology** ADAM-X has a very realistic respiratory tract. It has fully independent right and left lungs, and ventilation of the lung automatically leads to the appropriate sounds of breathing, chest excursion and pulmonary gas exchange. The occurrence of apnea or hypoventilation, along with the low fraction of oxygen in the inspired gas mixture, lead to corresponding physiological changes: the hypercapnia, the hypoxemia, the decrease of the SpO2 and the tachycardia. Ventilation of the lungs at a positive pressure or spontaneous ventilation restoration returns ADAM-X to the breath with an appropriate amount of respiratory rate. ADAM-X also features chest flotation, and the resistance of the airway changes accordingly. **Additional Features**

- Work with a real electrocardiogram and with a real defibrillator
- Possibility to connect a real human patient monitor and a real anesthesia machine
- Training of normal course of the anesthesia
- Training of complications of the general character in the anesthesiology
- Unique pharmaceuticals system: the ADAM-X recognizes not only the administered drug, but also the received dose, a change of the vital parameters occurs correspondingly
- Create more scenarios with the scenario editor
- Realistic feedback force

ADAM-X is available in various degrees of fidelity as ALS, HPS, and HPS PRO manikin versions:

	ADAM-X HPS PRO 1022584	ADAM-X HPS 1021109	ADAM-X ALS 1022585
Realistic anatomy with distinctive characteristics and features	YES	YES	YES
Durable and suitable for training in any trauma emergency situation	YES	YES	YES

Simulate a wide variety of clinical situations	YES	YES	YES
Work with a real electrocardiogram and defibrillator	YES	YES	-
Wireless technology	YES	YES	-
Unique pharmaceuticals system	YES	YES	-
Scenarios and medical treatment training	YES	YES	-
Includes simulated patient monitor	YES	YES	-
Extremely realistic head and body	YES	-	YES

Why Choose the ADAM-X HPS Human Patient Simulator for Your Simulation Lab in India? The ADAM-X HPS Human Patient Simulator from CAE Healthcare is a trusted training tool used across simulation labs in India for hands-on high-fidelity patient simulation practice. This simulator helps medical students and healthcare professionals build critical competencies in a safe, controlled environment — fully aligned with NMC's requirements for simulation-based assessment and high-fidelity training in medical education. **Who Is This Simulator Ideal For?** This product is recommended for advanced simulation centers, medical colleges with high-fidelity sim labs, and tertiary care hospitals conducting inter-professional team training. Whether you are setting up a new simulation lab or upgrading your existing facility, the ADAM-X HPS Human Patient Simulator offers an excellent balance of realism, durability, and training value. **Why Buy from SEM Trainers?** SEM Trainers is a leading supplier of medical manikins and simulators across India. Authorized CAE Healthcare distributor in India. We provide complete support including pan-India delivery, on-site installation, faculty training workshops, and prompt after-sales maintenance. All our products carry genuine manufacturer warranty and meet ISO 9001 quality standards. **Frequently Asked Questions** Q: Is the ADAM-X HPS Human Patient Simulator compliant with NMC simulation lab requirements? A: Yes, this simulator supports the skill-based training competencies specified under NMC's CBME framework for Indian medical and nursing institutions. Q: Does SEM Trainers provide installation and training support? A: Absolutely. We offer on-site installation, hands-on demo sessions, and faculty orientation workshops for every product delivered, anywhere in India. Q: What is the warranty and how do I get support? A: All products come with standard manufacturer warranty. For support, reach us at sem@semtrainers.com or call +91-88495 63724.