

PED HAL - Advanced Pediatric simulator (1 year) - UNI

PRODUCT NUMBER: 1511



DESCRIPTION:

Pediatric HAL® is a **high-fidelity toddler patient simulator** specifically designed to meet the needs of pediatric care training programs.

Pediatric HAL® can **help your team train improve teamwork and patient care through scenario-based training**. Participants can practice and develop airway management, auscultation, ventilation, CPR, and IV/IO placement skills.

SKILLS:

- Abnormal respiration patterns detection
- CO2 monitoring (inspiratory/expiratory ratios)

MORE THAN SIMULATORS S.L.

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Spain

CONTACTO

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- BVM ventilation
- Mechanical ventilators training
- Oral and nasal intubation
- Pulmonary and cardiac auscultation
- Resuscitation training (CPR)
- Naso and orotracheal intubation
- NG/OG tube placement
- Tracheostomy skills training
- Palpation of pulses (carotid, brachial, radial and femoral)
- Blood pressure measurement exercises
- Defibrillation, cardioversion and pace using real devices
- Seizure management
- IV training
- Intraosseous exercises
- Male and female urinary catheterization

CASES AND PATHOLOGIES:

UNI WIRELESS INTERFACE - PRE-INSTALLED SCENARIOS:

- The new Pediatric HAL® Simulation Learning Experiences (SLEs) package provides you with a library of ready-to-use, evidence-based scenarios designed to help you maximize participant's learning through outcome-focused simulated clinical patient encounters. The package includes 10 SLEs complete with a facilitator's guidebook for planning, setting up, and facilitating each learning experience.

- Each SLE is mapped to the NCLEX-RN®, the BSN Essentials, and incorporates QSEN and IPEC competencies to help learners successfully transfer their knowledge and skills to future clinical situations.

- Acute Lymphocytic Leukemia
- Appendicitis
- Post-Op Cardiac Transplant
- Potential Organophosphate Poisoning
- Respiratory Syncytial Virus (RSV)
- Sepsis
- Seizure Management
- Status Asthmaticus
- Trauma Related To Child Abuse
- Three-Year-Old With Trauma

CHARACTERISTICS:

GENERAL:

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- Physical size of a 1-year-old child
- Supports common patient positions including Fowler's, supine, and sitting
- Programmable blinking rate
- Active pupillary light reflex
- Seizures with selectable intensity
- Selectable normal and abnormal bowel sounds
- Urinary catheterization with fluid return
- Interchangeable female and male genitalia

AIRWAY MANAGEMENT:

- Wireless streaming voice option
- 50+ Prerecorded speech responses
- Anatomically accurate oral cavity and airway
- Airway sounds
- Oral and nasal endotracheal intubation
- Supports NG/OG tube placement (dry exercises only)
- Tongue edema
- Tracheostomy care site; tracheal suctioning (dry exercises only)
- Tracheal intubation depth detection and logging

CIRCULATION:

- eCPR™ Real-time CPR performance monitoring and training
- Chest compressions generate palpable pulses
- Programmable heart rate and healthy and abnormal heart sounds
- Includes comprehensive library of ECG rhythms with customizable beat variations Supports ECG monitoring with real device
- Defibrillation, cardioversion, and pacing using real devices and live energy
- Central cyanosis with variable intensities
- Palpable bilateral pulses (automatic): carotid, brachial, radial, and femoral pulses
- BP measurement by auscultation using a sphygmomanometer
- Realistic Korotkoff sounds
- Bilateral IV access: bolus, infusion, and sampling
- Intraosseous access proximal tibia

BREATHING:

- Visible chest rise with positive pressure ventilation
- Ventilations are measured and logged in real-time
- Spontaneous breathing with selectable respiratory patterns
- Programmable respiratory rate and inspiratory/expiratory ratio
- Programmable unilateral chest rise and fall
- Real CO2 exhalation option

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- Selectable normal and abnormal lung sounds
- Bilateral anterior lung sounds
- Unilateral chest rise with right mainstem intubation"

INCLUDE:

- 1 Pediatric HAL simulator
- 1 UNI tablet pc (simulation controller)
- SLE scenario package
- 1 RF module
- 1 Battery charger
- 1 Carrying case
- 1 Instructions manual

ADDITIONAL MODULES:

BEDSIDE GAUMARD VITALS PATIENT MONITOR (option):

- It simulates the functionality and look of a real patient monitor, allowing participants to practice data interpretation, documentation, and clinical decision-making skills.
- Customizable interface can mimic the look of various real patient monitor brands
- 20+ Dynamic scalars and waveforms including HR, ABP, SpO2, RR, EtCO2, temperature, time, and more
- Customizable alarms for vital sign parameter high/low threshold
- Virtual 12-Lead ECG Monitoring
- Data histogram
- Built-in virtual defibrillator and pacer
- Wireless data communication

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