Pediatric HAL® S3004

One-Year-Old Pediatric Simulator

- Simulation Made Easy®
- Tetherless with wireless communication
- Fully responsive even while being carried
- Comprehensive performance feedback
- Includes Pediatric HAL Simulation Learning Experiences™
  scenario package

Meet Pediatric HAL®, toddler-sized high-fidelity simulator.

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 to improve teamwork and patient care through scenario-based training.

Wireless and tetherless
Transitions between physiologic states in response to commands from a wireless tablet PC.

Active eyes
HAL has blinking eyes with photosensitive pupils. Dilation, reactivity, and blink rate can be controlled automatically or by the instructor.

Defibrillate, cardiovert, and pace
HAL's electrically conductive skin sites allow the use of real equipment to monitor ECG, pace, cardiovert, and defibrillation with live energy.

Airway and breathing
Improved airway allows better visualization of vocal cords and easy intubation.

Intraosseous access
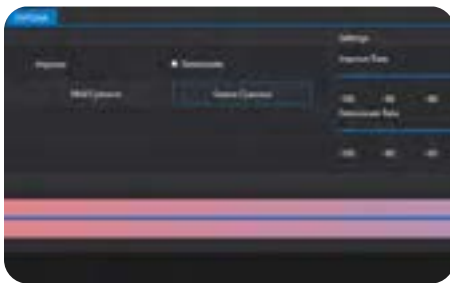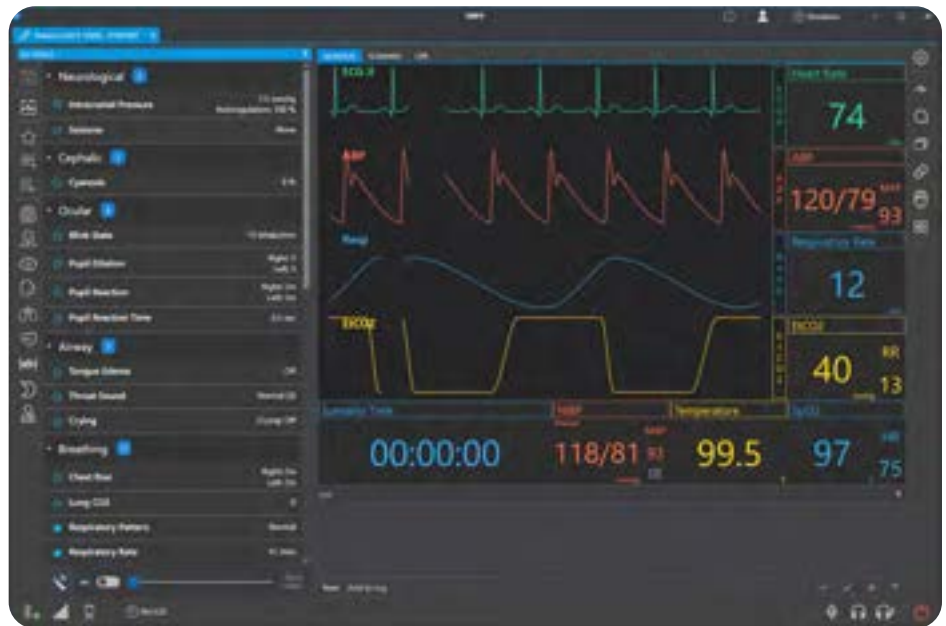Intraosseous infusion and injection system with realistic tibia bones.

Cyanosis
Color and vital signs respond to hypoxic events and interventions.
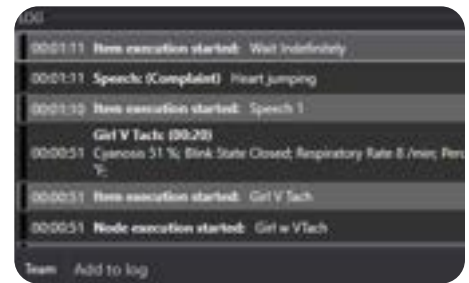
Elevate your training with the all-new UNI® 3

- Adjust vitals on-the-fly or automate changes using the included scenarios
- UNI 3 powers all PC-controlled Gaumard simulators, making it simpler to operate your different Gaumard models
- Create your own custom scenarios tailored to your learning objectives
- Monitor CPR performance metrics in real-time, enhance training with audible cues, and export performance reports
- Automated event tracking ensures important events are always captured so you can focus on the action
- UNI 3 is preconfigured on the lightweight control tablet PC included with your patient simulator

Hypoxic model responds to care provider actions

Scenarios link physiologic states

Track the actions of care providers

Includes the Pediatric HAL® Simulation Learning Experiences™ scenario package

The Pediatric HAL Simulation Learning Experiences (SLEs) package provides you with a library of ready-to-use, evidence-based scenarios designed to help you maximize participants 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.

1. Appendicitis
2. Acute Lymphocytic Leukemia
3. Organophosphate Poisoning
4. Post-Op Cardiac Transplant
5. Respiratory Syncytial Virus (RSV)
6. Seizure Management
7. Sepsis
8. Status Asthmaticus
9. Trauma
10. Trauma Related to Child Abuse

Features

General
- Physical size of a one-year-old child
- Supports common patient positions including Fowler's, supine, and sitting
- Joint range of motion
- Tetherless and wireless; fully responsive during transport[1]
- Internal rechargeable battery provides up to 3 hours of tetherless operation[2]
- Available in light, medium, or dark skin tones at no extra charge
- Programmable blinking rate
- Active pupillary light reflex
- Seizures with selectable intensities

Airway
- Wireless streaming voice option
- 50+ prerecorded speech responses
- Anatomically accurate oral cavity and airway
- Airway sounds
- Programmable crying included with streaming voice option
- 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

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 CO_2 exhalation option
- Selectable normal and abnormal lung sounds
- Bilateral anterior lung sounds
- Unilateral chest rise with right mainstem intubation

Circulation
- Real-time CPR performance monitoring and training
- Chest compressions generate palpable pulses
- Programmable normal and abnormal heart sounds synchronized with ECG
- Includes comprehensive library of ECG rhythms with customizable beat variations
- Supports ECG monitoring with real devices
- Defibrillation, cardioversion, and pacing using real devices and live energy
- Central cyanosis with variable intensities
- Detects placement of real pulse oximetry devices
- 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

Other
- Selectable normal and abnormal bowel sounds
- Urinary catheterization with fluid return
- Interchangeable female and male genitalia

Pediatric HAL® S3004

S3004.PK

Pediatric HAL S3004, tablet PC with UNI® 3 software, SLE scenario package, RF communications module, Bluetooth communications module, battery charger, accessories, carrying case, user manual. One-Year Limited Warranty. Extended service plans available. Skin tones available at no extra charge.

Gaumard Vitals™ Bedside Virtual Monitor

30080154B

Gaumard Vitals bedside virtual patient monitor. Simulates 20+ dynamic numerical parameters and waveforms. Customizable interface.

Gaumard Vitals™ Portable Virtual Monitor

30081003A

Portable Gaumard Vitals virtual patient monitor. Simulates 20+ dynamic numerical parameters and waveforms. Customizable interface.

Wireless streaming audio[3]

S3004.300

Add pre-recorded crying or be the voice of Pediatric HAL and increase realism during simulated patient-provider interactions.

CO₂ exhalation regulator

S3004.178

Real and measurable $EtCO_2$ with 10 programmable levels of CO_2 output.

Care in Motion™ Mobile Video Debriefing System

CIM.PK

Care in Motion Tablet PC, 3 battery-powered HD wireless cameras, 3 adjustable camera grips, transport case. One-Year Limited Warranty. Extended service plans available.

Request a quote

www.gaumard.com/quote
sales@gaumard.com
Toll-Free USA & Canada
1.800.882.6655
Worldwide 305.971.3790