



HAL[®] S1000

ALS Simulator

SIMULATION MADE EASY[™]

Highlights

- Easy to use software
- 10 preprogrammed scenarios
- Modify scenarios or create your own
- Intubatable and programmable airway
- Program respiratory rate / sounds / chest rise
- Program heart rate / sounds
- Ventilation / compression / feedback
- Defibrillate / cardiovert / pace
- Blood Pressure on left arm
- Real Oximeter Probe Placement Detection
- IV arm / IO leg
- ECG
- Bidirectional streaming audio
- File sharing
- Includes 15 inch laptop PC and 19 inch configurable vital signs monitor



HAL S1000



Gaumard[®]
Simulators for Health Care Education

Easy to use Software

- 10 preprogrammed scenarios
- Includes 15 inch widescreen laptop PC
- Instructor control
- Use our preprogrammed scenarios, modify them, or create your own quickly and easily
- Access the “Details” page and jump between physiologic states in response to the interventions of caregivers
- Change conditions such as heart rate and blood pressure immediately or specify smooth transitions
- Link “Palette” items to build a linear or branching scenario
- Pause the scenario or jump to the next critical decision point

Airway

- Oral or nasal intubation
- Programmable Airway
- Use an ET tube or LMA
- Sensors detect depth of intubation
- Unilateral chest rise with right mainstem intubation
- Multiple upper airway sounds synchronized with breathing

Breathing

- Control rate and depth of respiration and observe chest rise
- Ventilation is measured and logged
- Gastric distention with excess BVM ventilation
- Select independent left and right lung sounds
- Chest rise and lung sounds are synchronized with selectable breathing patterns
- Accommodates assisted ventilation, including BVM and mechanical support
- Unilateral chest rise simulates tension pneumothorax
- Multiple lung and breath sounds with volume control

Log

- Track the actions of up to six care providers using our response menu or write a narrative
- Links with optional audio-visual system that integrates the event log with feeds from camera and the simulated patient monitor for comprehensive debriefing

Circulation

- Multiple heart sounds, rates and intensities
- Chest compressions are measured and logged
- Blood pressure can be taken on left arm using a cuff, palpation, or auscultation. Korotkoff sounds audible between systolic and diastolic pressures.
- Bilateral carotid and femoral pulses, plus radial pulse operate continuously
- Pulse strengths vary with HAL's blood pressure and pulses are synchronized with the ECG

Defibrillation and Cardioversion

- HAL has conductive skin regions so you can apply real electrodes and AED pads
- Defibrillate, cardiovert and pace using real EMS equipment and see HAL's ECG on your AED
- Program HAL's response to defibrillation.
- Stack shocks as needed
- HAL even distinguishes between defibrillation and synchronized cardioversion
- HAL can be paced anteriorly at the defibrillation sites

ECG

- Select a 12 lead strip recording during the scenario
- View dynamic ECG lead II
- Set alarms

Streaming Audio

- Be the voice of HAL® and listen to student responses
- Bidirectional voice and data communication
- Create and store vocal responses in any language
- Select from a pre-recorded vocal menu

File Sharing

- Provide students with images such as x-rays, CT scans, lab results, or even multimedia presentations as the scenario progress

Simulated Vital Signs Monitor

- 19 inch vital signs monitor with AC power
- Display up to 8 numeric values including HR, ABP, RR, CO2, SpO2, temperature, NIBP, and time
- Select up to 5 dynamic waveforms including ECG II, ABP, respiration, CO2, and pulse oximetry

Educational Material

- American Heart Association® Advanced Cardiovascular Life Support Provider Manual

Options:

ETC Micro+ : Audiovisual Recording System

- Real time capture of audio and video
- Seamlessly integrates the log file and patient monitor with the audio and video feeds
- 1 video stream recording
- 1 audio stream recording
- 1 single simulator log file recording
- 1 patient monitor recording
- Runs on same laptop as Gaumard software
- 1 USB wired camera with microphone

\$1000.211

Casualty Simulation Kit

- Contains bleeding and non-bleeding wounds

\$1000.006



Gaumard®
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