



Gaumard[®]
Simulators for Health Care Education



HAL[®] S3009

Premature Neonatal Simulator

- Simulation Made Easy™
- Proven HAL[®] technology
- Tetherless with wireless communication
- Fully responsive even while being carried
- Modeling and trending
- Comprehensive performance feedback

PREMIE HAL® S3009 | *Tetherless with Wireless Communication*

AIRWAY

- Oral and nasal intubation
- Use an ET tube or LMA
- Multiple upper airway sounds synchronized with breathing

BREATHING

- Control rate and depth of respiration and observe chest rise
- Ventilation is measured and logged
- Select left and/or right chest wall movement and lung sound
- Chest rise and lung sounds are synchronized with selectable breathing patterns
- Accommodates assisted ventilation, including BVM and mechanical support

CIRCULATION AND COLOR CHANGE

- Multiple heart sounds, rates and intensities
- Chest compressions are measured and logged
- Color and vital signs respond to hypoxic events and interventions
- Bilateral brachial and femoral pulses; pulses at fontanelle and umbilicus
- Pulse strengths vary with blood pressure and pulses are synchronized with ECG
- Temperature probe placement sensor

TETHERLESS

- Premie™ is fully responsive even when carried
- No tubes or wires to worry about

FILE SHARING

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

CONTROL

- Change physiological states “on the fly” using wireless control
- Use our scenarios, modify them or quickly build your own
- Sensors provide performance feedback
- Changes in condition and care are time stamped and logged
- Instructors evaluate interventions and insert notes on the real-time performance log



Silicone umbilicus with two arteries and one vein for UAC, UVC and cord cutting. Pulse synchronized with ECG.



PREMIE HAL® S3009 | Tetherless with Wireless Communication

ECG

- View ECGs with physiologic variations generated in real-time
- Synchronized with pulses
- Conductive skin regions
- Apply real electrodes

HYPOXIC MODELING

- Color and vital signs respond to hypoxic events and interventions

SOUNDS

- Crying synchronized with breathing
- Heart sounds include a normal heart as well as atrial and ventricular septal defects
- Respiratory sounds include both normal lungs as well as stridor and grunting

VENOUS ACCESS

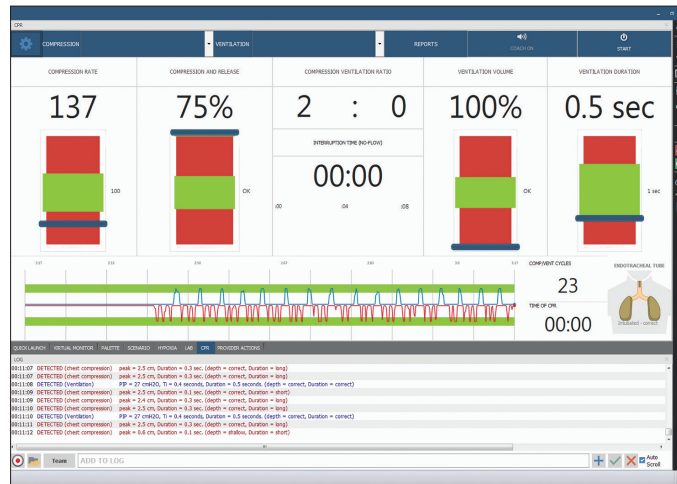
- Bilateral dorsum of hand
- Patent umbilicus
- Intraosseous access at right tibia
- Left foot

HAL® S3009 INCLUDES

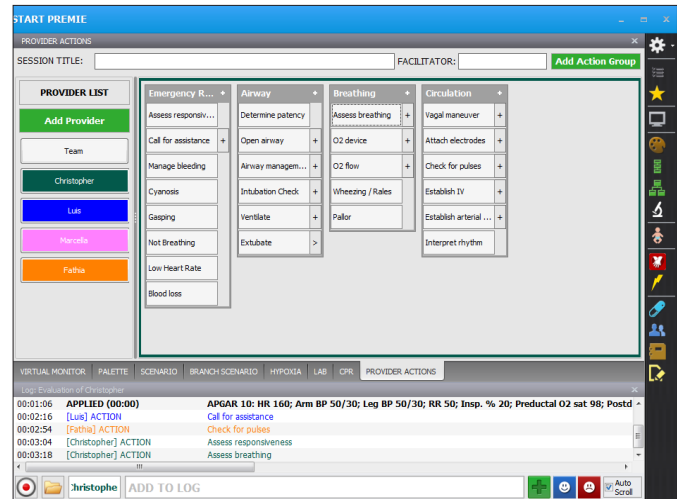
- Internal rechargeable NiMH power
- Instructor's 12 inch tablet PC with stylus control, "bump"case and docking station for tetherless operation
- Carrying case
- 10 scenarios
- 100-240 VAC charger
- Instructions
- DVD tutorial
- One-Year Limited Warranty
- Extended warranty plans available

HAL®

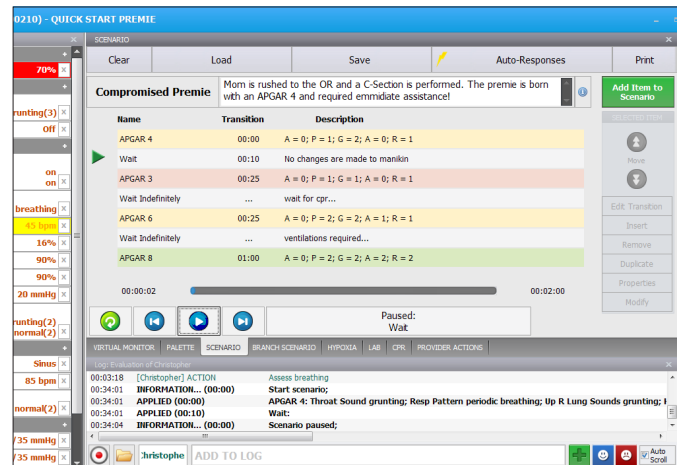
S3009
Patented; other patents pending



eCPR™ - Monitor CPR quality metrics in real-time including rate and compression depth, no-flow time, and excessive ventilation.



Real time performance log tracks the action of up to six care providers. Actions are logged and time stamped for debriefing purposes.



Use our scenarios, modify them or quickly build your own.

PREMIE HAL® S3009 | Tetherless with Wireless Communication



OPTIONAL ADD-ONS

20" ALL-IN-ONE TOUCH SCREEN PC TO DISPLAY VITAL SIGNS

S3009.001.R2

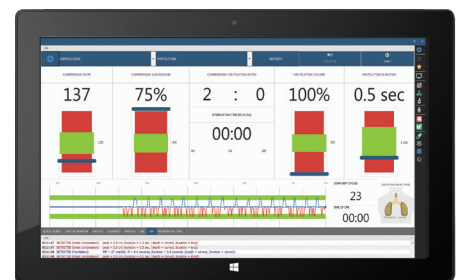
- Controlled via wireless tablet PC
- Simulated vital signs
- Use selected configuration or create your own configuration to mimic the real monitors used in your facility
- Customize alarms
- Easy to operate and control
- Reflect simulator's condition during the scenario
- Share images such as ultrasounds, CT scans, lab results
- Touchscreen control
- Monitor can be configured by the instructor to suit the scenario
- Display up to 12 numeric parameters
- Select up to 12 dynamic waveforms



12" TOUCH SCREEN TABLET TO DISPLAY VITAL SIGNS

S3009.002

- Mobile patient monitor displays vital signs in real-time
- Display up to 18 numeric values
- Display up to 20 dynamic waveforms
- Customizable layout mimics real patient monitors
- Customizable threshold alarms
- Display simulated ultrasounds, CT scans, lab results, x-rays



Skin tones available at no extra charge

Light Medium Dark



Gaumard
Simulators for Health Care Education

AUTOMATIC "PHYSIOLOGIC" MODE

S3009.600

- Intuitive interface and automaticity makes simulation easy
- Vital signs are generated in real time
- Drug library with medications
- Use of medications change conditions in real time mimicking real clinical situations

REQUEST A QUOTE

www.gaumard.com

Toll Free USA & Canada

Call 8:00 a.m. - 7:30 p.m. ET
Monday - Friday
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