![Laerdal - helping save lives]

Advanced Pediatric Simulation

SimBaby™

SimBaby™ is the advanced infant patient simulator for team training - from routine care to critical emergencies. With realistic anatomy and clinical functionality, SimBaby allows learners to practice and perfect their skills in a risk-free environment.

laerdal.com

SimBaby

AIRWAY FEATURES:
- Airway opening acquired by head tilt, chin lift and jaw thrust
- Oropharyngeal and nasopharyngeal airways
- Bag-Valve-Mask ventilation
- Orotracheal and nasotracheal intubation
- Right mainstem intubation
- Sellick Maneuver
- LMA insertion
- Fiberoptic intubation
- Gastric tube insertion
- Variable lung compliance
- Variable airway resistance
- Decreased lung compliance
- Tongue edema
- Laryngospasm
- Pharyngeal swelling
- Gastric distention

BREATHING FEATURES:
- Spontaneous breathing with variable rate, depth and regularity
- Bilateral and unilateral chest rise and fall
- CO2 exhalation
- Normal and abnormal breath sounds – bilateral
- Lung sounds: normal, course crackles, fine crackles, stridor, wheezes and rhonchi
- Oxygen saturation reported on simulated patient monitor
- See-saw respiration
- Retractions
- Pneumothorax
- Unilateral breath sounds
- Unilateral needle thoracentesis mid-clavicular
- Unilateral chest tube insertion

CARDIAC AND CIRCULATION FEATURES:
- Extensive ECG library with rate from 20-360
- CPR compressions generate palpable pulses, blood pressure waveform, and generate artifacts on ECG
- Heart sounds: normal, systolic murmur, holosystolic murmur, diastolic murmur, continuous murmur and gallop
- Blood pressure (BP) measured manually by auscultation of Korotkoff sounds
- Pulses: unilateral radial and brachial pulse and bilateral femoral pulses synchronized with ECG
- Pulse strength variable with BP
- Display of cardiac rhythms via 3-lead ECG monitoring
- 12-lead dynamic ECG display on simulated patient monitor
- Live defibrillation, pacing, and cardioversion

VASCULAR ACCESS:
- Venous access antecubital fossae, dorsum of the hand and long saphenous vein
- IV bolus and infusion
- Simulated blood flashback upon venous cannulation
- Intraosseous (IO) insertion – bilateral

OTHER FEATURES:
- Interchangeable pupils, normal, constricted and blown (dilated)
- Fontanel can present as normal, sunken, or bulging
- Torso motion
- Vocal sounds: crying, content, coughing, and hiccup

SOFTWARE AND SIMULATED PATIENT MONITOR:
- Intuitive PC software allows control over all parameters
- Scenarios, including Trends and Handlers, can be preprogrammed by user or downloaded from SimStore
- Integrated web-camera or SimView recordings
- Review event log synchronized with patient monitor and in-room video
- Touchscreen 17'' color monitor is highly configurable and presents multi-level alarms
- Simulate several parameters including: ECG, SpO2, CO2, ABP, CVP, PAP, NIBP, TOF, and others
- Multimedia capability: Radiology files, media files, lab results
- Snapshots of 12 lead ECG's can be displayed

ORDERING INFORMATION:

245-05050   SimBaby
Includes: Manikin, BP Cuff, SpO2 probe, Air/CO2 tube, Set of consumables, Operating software, and Directions for Use

210-09001   Peripheral Kit Complete
Includes: Simulated patient monitor, USB web-camera, USB hub, LinkBox, and Laptop PC

Optional Accessories:
210-01750   Compressor 110V
381220   Regulator unit
245-18050   Transportation case; simulator and peripherals
381602   Transportation case; compressor

SimBaby Peripheral Kit Complete

Operation

Easy-to-use PC software generates a real-time event log synchronized with the patient monitor and in-room video.

SimCenter

Visit www.mysimcenter.com to learn how to optimize your simulation training using SimCenter and SimBaby.

SimCenter
Making Simulation Easier

SimStore
Access to validated, standardized content from industry experts

SimManager
A suite of online tools that allows you to fully optimize your entire simulation center operation

SimView
An integrated debriefing solution giving you the ability to study simulation events more closely

Services

Laerdal offers comprehensive Educational Services to support your curriculum, and Technical Services to meet your simulator servicing needs.

laerdal.com

Laerdal®
helping save lives