



Laerdal

helping save lives



SimBaby



Available in Light, Medium,
and Dark Skin Tones

Improving critical care for pediatric patients

SimBaby is a tetherless simulator designed to help healthcare providers effectively recognize and respond to critically ill pediatric patients. The SimBaby simulator represents a 9-month-old pediatric patient and provides a highly realistic manikin that meets specific learning objectives focusing on initial assessment and treatment.

SimBaby

Normal & Difficult Airway

- Airway opening acquired by head tilt, chin lift and jaw thrust
- Oropharyngeal and nasopharyngeal airways
- Bag-Valve-Mask ventilation
- Orotracheal and nasotracheal intubation
- Cricoid pressure / Laryngeal manipulation
- LMA insertion
- Endotracheal tube insertion
- Fiberoptic intubation
- Gastric tube insertion
- Variable lung compliance
- Variable airway resistance
- Tongue edema
- Laryngospasm
- Pharyngeal swelling
- Right mainstem intubation
- Gastric distention

Pulmonary System

- Spontaneous breathing with variable rate, depth and regularity
- Bilateral and unilateral chest rise and fall
- Bilateral or Unilateral breath sounds: Normal, fine crackles, stridor; wheezes and rhonchi
- Lung Sounds: Normal, fine crackles, stridor; wheezes and rhonchi
- Oxygen saturation
- See-saw respiration
- Retractions

- Pneumothorax
- Unilateral needle thoracentesis midclavicular
- Unilateral chest tube insertion

Cardiovascular System

- Extensive ECG library with rate from 20-360
- Q CPR
- 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) simulated on patient monitor
- Pulses: Bilateral femoral and brachial
- Pulse strength variable with BP
- Display of cardiac rhythms via 4-lead ECG monitoring
- 12-lead dynamic ECG display
- Live defibrillation, pacing, and cardioversion using Shocklink and training pads
- Anterior and posterior defibrillation pad placement

Vascular Access

- Venous access antecubital fossae, dorsum of the hand and long saphenous vein
- Bilateral IO/IV insertion legs
- IV bolus and infusion

Other Features

- Seizures: Head and arms
- Reactive eyes - Normal, constricted and blown (dilated) pupils
- Capillary refill - Left hand and sternum
- Fontanelle - normal and bulging
- Moving arms: limp, tone, spontaneous motion
- Vocal Sounds: Crying, content, coughing, and hiccup
- Liver palpation
- Cyanosis

Simulated Patient Monitor

- Highly configurable patient monitor
- Simulate several parameters including: ECG, SpO2, CO2, ABP, CVP, PAP, NIBP, TOF, and others
- Multimedia capability: Radiology files, Media files, Lab results
- Touchscreen operation

Software Features

- Easy to operate software (LLEAP)
- Manual control over all parameters
- Web-camera recording
- Review event log together with synchronized recording of patient monitor and in-room video

Ordering Information

246-00050 / 00150 / 00250 SimBaby (Light / Medium / Dark)

Includes

- SimBaby
- Clothing set
- AC Charger with regional power cables
- Consumable replacements for IV, IO, and needle decompression
- Airway lubricant
- Silicon tape
- Drainage bags for IV and IO
- LAN cable and connector
- 60ml syringe
- User guide and Important Product Information
- 4 generic scenarios

Operation and Patient Monitoring Options

- 204-301xx - SimPad Plus LLEAP
- 400-102xx- Laptop Instructor PC-Patient Monitor
- 400-092xx - Tablet Instructor PC-Patient Monitor
- 400-095xx - Rugged Instructor PC-Patient Monitor
- 400-293xx - All in One Panel PC Instructor PC-Patient Monitor

Software Licenses

- 204-50150 LLEAP for SimPad PLUS Software License
- 400-01050 LLEAP PC Software License

Accessories

- 246-10250 - Cable ethernet flat
- 246-10300 - LAN connector
- 410-00150 - AC/DC Power 12V-75V
- 185-20050 - ShockLink Only
- 245-11250 - SPO2 probe, SimBaby
- 212-17055 - USB SPO2 Probe interface



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For more information, visit www.laerdal.com