



Laerdal[®]
helping save lives



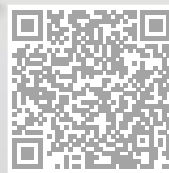
Improving pediatric outcomes

SimJunior[®]

SimJunior[®] is a realistic, full-body, interactive simulator designed to train for life-threatening pediatric emergencies. Used with the SimPad[®] System or a PC, SimJunior provides students with immediate feedback and detailed objective evaluations of performance.

American Academy of Pediatrics

DEDICATED TO THE HEALTH OF ALL CHILDREN[™]



laerdal.com

For more information, visit us at www.laerdal.com and learn more about the SimJunior pediatric simulator.

SimJunior®

AIRWAY FEATURES:

The SimJunior airway is anatomically modeled from the lips to the trachea.

- Realistic airway with landmarks
- Oral and nasal intubation
- LMA or ET insertion
- Tongue edema (2 levels)
- NG tube (insertion only)
- Cricoid cartilage
- Head tilt and jaw thrust (no sensor)
- Nasopharyngeal and oropharyngeal airways

BREATHING FEATURES:

- Spontaneous breathing with observable chest rise
- Variable respiratory rates
- Multiple upper airway sounds synchronized with breathing
- Detect and quantify volume of mechanical ventilations (including no ventilations)
- Bag Valve Mask capable
- Breathing complications
 - Unilateral chest rise with right mainstem intubation
 - Unilateral and bilateral breath sounds
- Lungs can be closed or open to allow ventilations

CARDIAC FEATURES:

- Defibrillation and cardioversion
- Pacing
- Extensive ECG library
- Multiple heart sounds synchronized with ECG
- ECG rhythm monitoring (3 leads)
- 12 lead ECG display (Optional Patient Monitor)

CIRCULATION FEATURES:

- Blood pressure measured manually by auscultation of Korotkoff sounds
- Bilateral carotid and unilateral brachial and radial (left side) pulses synchronized with ECG
- Pulse strength variable with BP
- Pulse palpation detected and logged
- CPR compressions generate palpable pulses, blood pressure waveform, and ECG artifacts
- Detection and logging of a series of compressions in the data log
- Compliant with 2010 Guidelines

VASCULAR ACCESS:

- IV access (right arm and hand)
- Intraosseous access (right tibia)

ADDITIONAL FEATURES:

- Interchangeable pupils - normal, dilated, and constricted
- Sounds: Heart, lung, bowel, and patient voice (pre-recorded sounds and wireless microphone)
- Available in light, tan, and brown skin tones
- Convulsions
- Internal compressor

ORDERING INFORMATION:

232-05050 SimJunior Simulator
Includes: Manikin, Blood Pressure Cuff, Set of Consumables, Carry Case, and Directions for Use

200-30001 SimPad System
Includes: SimPad, Link Box, 2 AC Power Supplies, Rechargeable Lithium-ion Battery, Wrist Strap, Manikin Strap, Manikin Adapter Cable, Sleeve, USB Cable, Ethernet Cable, and Directions for Use

225-09001 Patient Simulator Peripheral Kit Complete*
Includes: Laptop PC, USB Webcam, USB Hub, Audio Cable, Computer Mouse, and Touch Screen ELO Patient Monitor

232-11950 SimJunior Advanced Software and License Key

Accessories

210-05250 Hard-sided Transportation Case for Peripherals
232-05350 Hard-sided Transportation Case for Manikin
375-70150 IV Skin/Vein Set
231-00101 Replacement IO Leg
277-00001 Pediatric Trauma Modules
200-09201 12" Portable SimPad Patient Monitor
200-09301 17" Portable SimPad Patient Monitor

* SimPad Link Box (200-30250) required for PC operation
Additional configuration options available



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Operation

SimJunior® can be operated by the SimPad® System or PC.



SimCenter

SimCenter™ offers easy access to validated content from worldwide simulation experts developed for SimJunior.

Visit www.mysimcenter.com for more information



Services

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

Contact your Laerdal Representative for details.



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For more information, visit www.laerdal.com