# Laerdal
helping save lives

Exceptional training

# Improving neonatal outcomes

## Introducing the new SimNewB

SimNewB is a newborn tetherless simulator co-created with the American Academy of Pediatrics, designed to help improve neonatal resuscitation and to meet the specific learning objectives of neonatal resuscitation protocols.

Focusing on the first 10 minutes of life, SimNewB provides realistic training for critical interventions such as lung recruitment maneuvers and advanced airway management.

American Academy
of Pediatrics

DEDICATED TO THE HEALTH OF ALL CHILDREN™

# SimNewB

| | |
|---|---|
| SimNewB (Light)* | 296-00050 |
| SimNewB (Dark)* | 296-00250 |
| SimPad PLUS Only (handheld remote) | 204-301XX |
| LLEAP for SimPad PLUS Software license | 204-50150 |
| Laptop Instructor - Patient Monitor | 400-102XX |
| Tablet - PC Instructor - Patient Monitor | 400-092XX |
| Rugged Tablet Instructor - Patient Monitor | 400-095XX |
| All in One Panel PC Instructor - Patient Monitor | 400-293XX |
| LLEAP Software License | 400-01050 |

## Accessories

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|---|---|
| Web camera | 400-96050 |
| Headset+Mic with USB | 212-29650 |
| Keyboard + Mouse USB | 400-20050 |

* Manikin only

## Educational Services

| | |
|---|---|
| Getting Started with SimNewB Simulator | 296-EDGS100 |
| Teaching with SimPad | 210-EDSP400 |
| Teaching with LLEAP | 210-EDLL400 |
| Teaching with Scenarios | 210-LL51400 |

## Technical Services

| | |
|---|---|
| SimPad PLUS protection plan | 204-30001PP |
| SimPad PLUS PP2 2 yrs add'l protection plan | 204-30002PP |
| SimNewB Loaner Program 1-yr | 296-00001LNR |
| SimNewB Extended Warranty 1-yr | 296-00050EXW1 |

For other Technical Services please contact your local Laerdal Office.

## Implementation Service

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|---|---|
| Implementation Service 1 day | 210-86050 |

*consists of Installation and Getting Started course (for experienced customers)*

| | |
|---|---|
| Implementation Service 2 days | 210-85050 |

*consists of Installation and Getting Started course (for most customers)*

### Airway
- Anatomically accurate, realistic airway
- Lung recruitment manoeuvre
- Oral and nasal ET tube insertion
- I-gel Insertion
- Sellick manoeuvre
- Positive-pressure ventilation
- Right mainstem intubation
- Suctioning
- Variable lung resistance
- Gastric tube insertion

### Breathing/Respirations
- Spontaneous breathing, with variable rate
- Bilateral and unilateral chest rise and fall with mechanical ventilation
- Normal and abnormal breath sounds
- Simulated oxygen saturation
- Pneumothorax
- Unilateral chest movement with mechanical ventilation
- Unilateral breath sounds
- Unilateral needle thoracentesis, mid-axillary

### Cardiovascular System
- CPR
- Extensive ECG Library with rates from 10 - 300 bpm
- Simulated ECG monitoring via 3-lead monitor

### Vascular Access
- Patent, cuttable umbilicus with venous and arterial access for bolus or infusion
- Simulated blood flashback upon cannulation
- Bilateral IO access

### Other Features
- Rotating (selectable) pupils - normal, blown and constricted
- Moving limbs: limp, tone, spontaneous motion and seizures
- SimStore Scenarios to include 7th Edition NRP curricula

### Circulation
- Palpable umbilical pulse
- Bilateral brachial pulse
- Central cyanosis

### Sounds
- Vocal: Grunt breathing, crying, hiccups and others
- Lung: Normal, stridor, pneumonia and others
- Heart: Normal, diastolic murmur, systolic murmur and others
- Anterior lung sounds

### Debriefing
- Web-camera recording (SessionViewer PC)
- Debrief event log



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