

INFANT SIMULATOR

Luna

Explore a range of neonatal healthcare training needs with Luna. Simulating a baby from birth to 28 days after delivery, this advanced neonatal simulator helps learners practice caring for newborns when they are the most vulnerable and prone to extreme health crises.

Wireless and tetherless, this advanced neonatal simulator comes with two patient configurations (Live and Advanced) that support:

- Newborn assessment
- Neonatal resuscitation
- Tracheostomy care
- Airway and respiratory management
- Cardiovascular management
- Spontaneous breathing

The total solution for medical providers learning neonatal care, Luna also satisfies requirements for infant nursing skills, Pediatric Advanced Life Support, the S.T.A.B.L.E. Program and the Neonatal Resuscitation Program®.



INNOVATIVE STRATEGIES FOR NEONATAL CARE

Luna includes five simulated clinical experiences (SCEs) that correlate to newborn assessment and resuscitation standards:

- Infant Cardiopulmonary Failure
- Neonatal Abstinence Syndrome
- Neonatal Resuscitation
- Pneumothorax
- Poor Perfusion

PRACTICE PROTECTING NEW LIFE

Lightweight with interchangeable genders, Luna offers realistic features to keep learners in the moment.

Joint Articulation

Experience lifelike infant movements with Luna's articulated neck, shoulders, elbows, hips and knees.

Tristate Eyes

Practice diagnosing and treating medical conditions by leveraging normal, pinpoint and blown-pupil options.

Realistic Airway

Use Luna's tracheostomy port to practice trach ventilation, care and maintenance.

LUNA

Technical Specifications

MANIKIN

Dimensions: 21" H (53.34 cm)

Weight: 8 lbs. (4.18 kg)

ELECTRICAL

AC Input: 115-230VAC, 50/60Hz

2 internal batteries: 3.8V 3.88Ah lithium-ion, rechargeable

Manikin battery life: Approximately 4 hours

Available in two skin tones: Medium Dark



Standard Equipment	
Software-compatible tablet	
Maestro software suite—instructor-driven	
One Maestro Standalone license	
One StethoSym wireless	
Five SCEs	
<ul style="list-style-type: none"> ■ Infant cardiopulmonary failure ■ Neonatal abstinence syndrome ■ Neonatal resuscitation 	<ul style="list-style-type: none"> ■ Pneumothorax ■ Poor perfusion
Electronic user guide	
One year of Value warranty	
Optional Equipment	
Patient monitor computer	
SymDefib external defibrillation box	
<ul style="list-style-type: none"> ■ Defibrillate using real devices and energy 	<ul style="list-style-type: none"> ■ Cardioversion and pace using real devices and energy
Additional StethoSym units	
Physiological Modeling for Maestro*	
Additional Maestro Standalone licenses	
Key Features & Benefits	
Airway	
Anatomically accurate oral cavity and realistic airway	
Nasotracheal/orotracheal intubation (ET tube)	
Head tilt, chin lift, jaw thrust	
Esophageal intubation	
Laryngeal mask airways (LMA) and other supraglottic airway devices	
Oral and nasopharyngeal airway insertion	
Bag-valve-mask ventilation support with detection	
Tracheostomy	
Laryngospasms*	
Right mainstem intubation detection and software event log	
Articulation	
Articulating neck, shoulders, elbows, hips and knees	
Forearm pronation and supination	
Cardiac (assess and manage cardiac status)	
Effective chest compressions generate palpable femoral pulses and ECG activity	
Supports ECG monitoring using real devices	
Compliant with 2020 AHA BLS guidelines and 2021 ERC guidelines	
CPR real-time quality feedback and reporting	
Chest compression depth sensor	
Library of cardiac rhythms	

Circulation	
Palpable pulses	
<ul style="list-style-type: none"> ■ Brachial ■ Femoral* 	<ul style="list-style-type: none"> ■ Umbilical*
Pulse palpation event detection and logging	
Blood pressure-dependent pulses	
Variable pulse strength	
Circumoral cyanosis*	
Gastric and Urinary	
Interchangeable female and male genitalia	Abdominal distention esophageal intubation
Urinary catheterization with urine output	Feeding tube placement (no fluids)
Neurologic	
Variable trislate eyes	
Manually manipulated fontanel (depressed, normal and bulging)	
Crying/grunting	
Active arm movement*	
Respiratory	
Unilateral chest rise with right mainstem intubation	
Automatic detection and logging of manual ventilation	
Visible chest rise during bag-valve-mask ventilation	
User-defined breathing patterns: regular, apneustic and ataxic	
Spontaneous, continuous breathing*	
Variable respiratory rates and inspiratory/expiratory ratios*	
Programmable unilateral chest rise and fall*	
Unilateral lung sounds synchronized with respiratory rate*	
Substernal retractions*	
Ventilation volume measurement	
Chest tube placement	
Mid-clavicular needle decompression**	
Sounds	
Auscultation of normal and abnormal heart, lung and bowel sounds (StethoSym)	
Vascular Access	
IV monitoring: bolus, infusion and sampling	
IV sites: upper arm, scalp and foot	
Peripheral arterial catheter placement	
Subclavian catheter placement	
Umbilical catheterization: infusion and sampling	
IO tibial access	