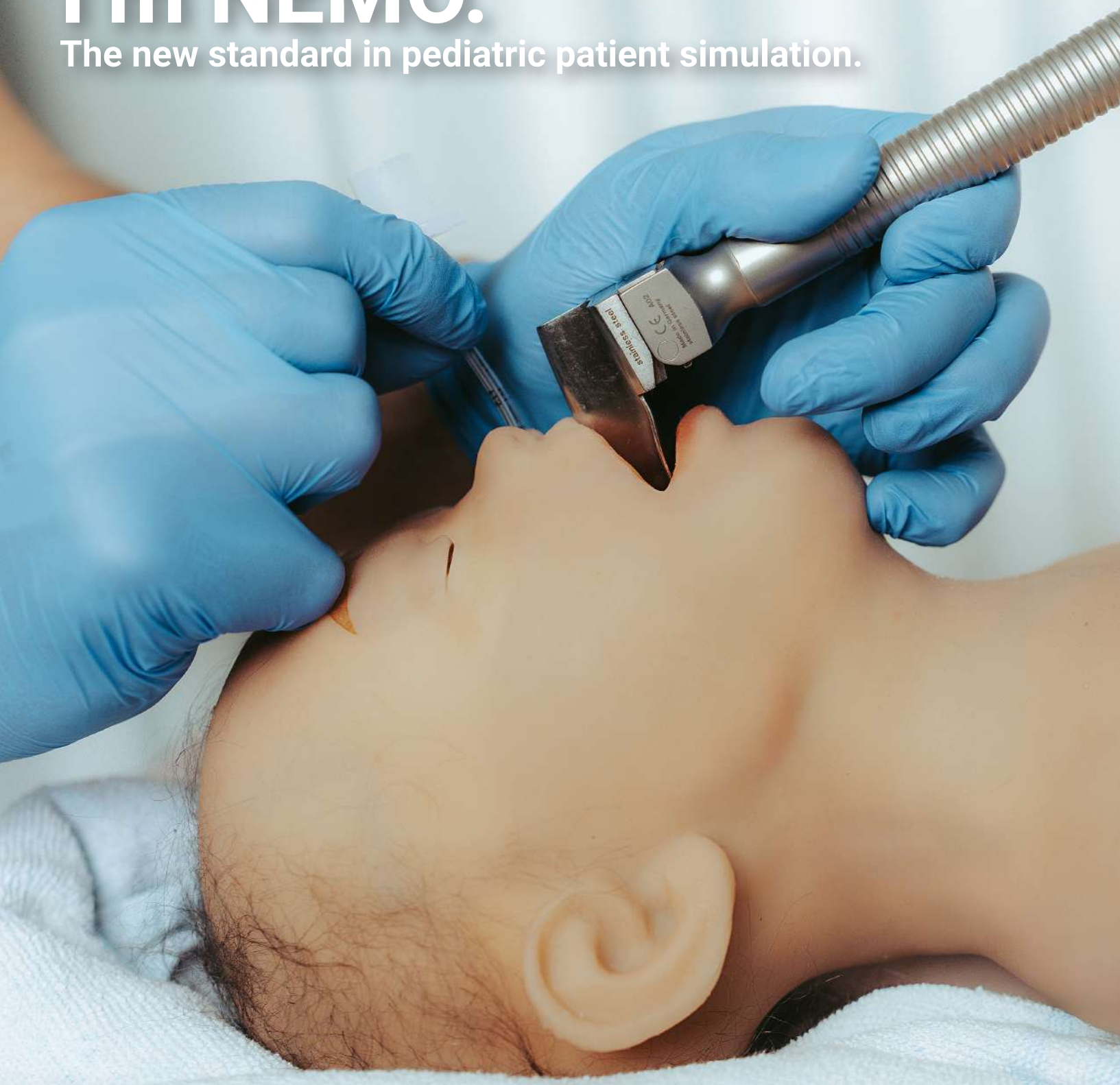


I'm NEMO.

The new standard in pediatric patient simulation.



*Experts in medical education
since 1950*

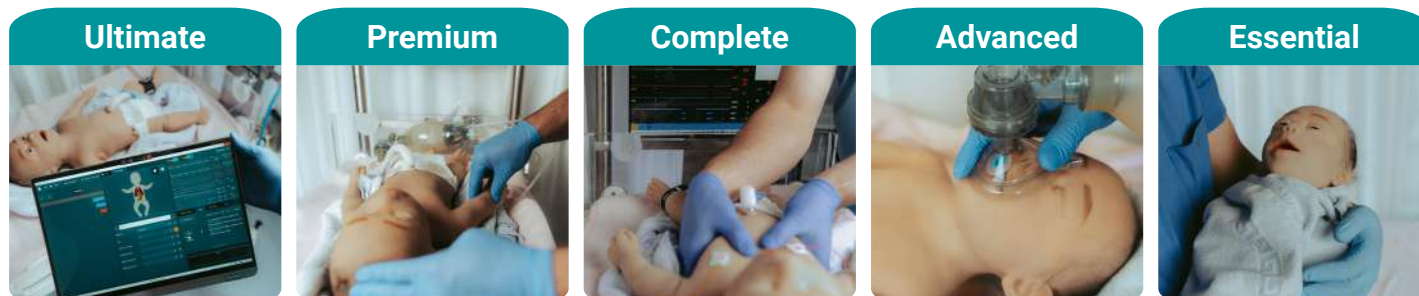


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Overview of models



Applications	Ultimate	Premium	Complete	Advanced	Essential
• Lifelike anatomy and physiology of a newborn baby	✓	✓	✓	✓	✓
• Lifelike appearance with soft silicone skin	✓	✓	✓	✓	✓
• Simulation of a variety of clinical conditions	✓	✓	✓	✓	✓
• Realistic airway with tongue, vocal ligaments, trachea and esophagus	✓	✓	✓	✓	
• Airway management with many airway aids	✓	✓	✓	✓	
• Bag-mask ventilation	✓	✓	✓	✓	
• Cardiac massage with realistic compression resistance	✓	✓	✓	✓	
• CPR feedback	✓	✓	✓		
• Spontaneous breathing with variable speed and depth	✓	✓			
• Vocal sounds: laughing, coughing, crying, hiccups and more	✓	✓			
• Fontanelle with palpable pulse and adjustable depth	✓	✓			
• Palpable pulses	✓	✓			
• Auscultation of heart, lungs and intestines	✓	✓			
• Pupil and Babinski reflexes	✓				
• Cyanosis, jaundice, redness and pallor of the skin	✓				
• Movements of arms and legs for more realism	✓				
• Urinary bladder catheterization	✓				

Item no.: T5000

Item no.: T5010

Item no.: T5020

Item no.: T5030

Item no.: T5040



NeMo ultimate is our high fidelity infant simulator. By faithfully reproducing the anatomy and physiology of a baby, **NeMo ultimate** is the tool for all types of neonatal training, such as advanced life support, intensive care and numerous medical/nursing procedures. Unique features of the manikin include lifelike movement of the eyelids, head and extremities; pupil and Babinski reflexes; realistic sounds such as laughing, crying and coughing; and realistic silicone skin that colors to simulate conditions such as cyanosis, jaundice and pallor.

General

- Length: 59 cm
- Weight: 4,2 kg
- Sex male
- Skin tone: Dark, Medium or Light
- Wireless and tetherless
- Battery life of approximately 6 hours
- Internal electrical power
- Bluetooth stethoscope simulator

Airway

- Realistic anatomy: tongue, epiglottis, vocal cords, trachea, and esophagus
- Airway open maneuvers: head tilt, chin lift, and jaw thrust
- Oro- and nasotracheal intubation
- Insertion of oro- and nasopharyngeal airways
- Insertion of supraglottic devices

Breathing

- Spontaneous breathing
- Realistic chest and belly movements
- Several breathing patterns
- Lung auscultation
- Bag-valve-mask ventilation
- Pneumothorax
- Thoracic needle decompression
- Chest tube placement

Cardiovascular

- Adjustable heart rate and BP
- Bilateral brachial and femoral pulses
- Fontanel and umbilical pulses
- Extensive ECG library
- Heart auscultation

CPR

- Anatomical landmarks for heart massage
- Realistic compression resistance
- Feedback on CPR quality
- Defibrillation

Other

- Fontanel with adjustable depth
- Eyelids movement
- Realistic movement of the articulations
- Convulsion
- Pupillary and Babinski reflexes
- Cyanosis, jaundice, paleness
- IV access
- Intraosseous insertion
- Bowel sounds
- Urethral catheterization

Software

- Wireless operation
- Multi-parameter patient monitor
- 15 pre-programmed scenarios
- Detailed debriefing
- Built-in AV recording possible
- Scenario editor
- ECG and sound editor

Package components

- NeMo neonatal simulator
- Suitcase
- Charger with power cable
- Bluetooth stethoscope simulator
- Software
- Umbilical cord add on
- IO leg add on

NeMo PREMIUM T5010



NeMo premium is the high fidelity simulator for the price-conscious user. We have simply “slimmed down” our top model NeMo ultimate a little; we have left out functions that not everyone needs to achieve their training goals and thus have an inexpensive high fidelity simulator in our program that still offers the most important features in the areas of breathing and airway as well as cardiovascular system.

General

- Length: 59 cm
- Weight: 4,2 kg
- Sex male
- Skin tone: Dark, Medium or Light
- Wireless and tetherless
- Battery life of approximately 6 hours
- Internal electrical power
- Bluetooth stethoscope simulator

Airway

- Realistic anatomy: tongue, epiglottis, vocal cords, trachea, and esophagus
- Airway open maneuvers: head tilt, chin lift, and jaw thrust
- Oro- and nasotracheal intubation
- Insertion of oro- and nasopharyngeal airways
- Insertion of supraglottic devices

Breathing

- Realistic thoracic and abdominal movements during ventilation
- Lung auscultation
- Bag-valve-mask ventilation
- Needle decompression

Cardiovascular

- Adjustable heart rate and BP
- Bilateral brachial and femoral pulses
- Extensive ECG library
- Heart auscultation

CPR

- Anatomical landmarks for heart massage
- Realistic compression resistance
- Feedback on CPR quality
- Defibrillation

Other

- Fontanel with adjustable depth
- Eyelids movement
- Realistic movement of the articulations
- Convulsion
- IV access
- Intraosseous insertion
- Bowel sounds
- Urethral catheterization

Software

- Wireless operation
- Multi-parameter patient monitor
- 15 pre-programmed scenarios
- Detailed debriefing
- Built-in AV recording possible
- Scenario editor
- ECG and sound editor

Package components

- NeMo neonatal simulator
- Suitcase
- Charger with power cable
- Bluetooth stethoscope simulator
- Software
- Umbilical cord add on
- IO leg add on



NeMo complete is an infant simulator that focuses on improving resuscitation quality (RQI) and the management of airway emergencies, providing detailed real-time feedback on CPR quality that is also recorded for debriefing afterwards .

Features of the manikin include a realistic airway for practicing airway management with various tools, an authentic respiratory system, anatomical landmarks for chest compressions and realistic compression resistance, and a leg for intraosseous access training.

General

- Length: 59 cm
- Weight: 4,2 kg
- Sex male
- Skin tone: Dark, Medium or Light
- Wireless and tetherless
- Battery life of approximately 6 hours
- Internal electrical power

Airway

- Realistic anatomy: tongue, epiglottis, vocal cords, trachea, and esophagus
- Airway open maneuvers: head tilt, chin lift, and jaw thrust
- Use of different oxygen supply systems
- Oro- and nasotracheal intubation
- Insertion of oro- and nasopharyngeal airways
- Insertion of supraglottic devices
- Oro- and nasopharyngeal suctioning

Breathing

- Realistic thoracic and abdominal movements during ventilation
- Lung auscultation
- Bag-valve-mask ventilation
- Thorax - needle decompression

Cardiovascular

- Adjustable heart rate and BP
- Extensive ECG library

CPR

- Anatomical landmarks for heart massage
- Realistic compression resistance
- Feedback on CPR quality:
 - Compression frequency and depth
 - Relief of the chest
 - Length of breaks
 - Ventilation counter

Other

- Flexible neck, limbs and back
- Intraosseous insertion

Software

- Wireless operation
- Multi-parameter patient monitor
- 15 pre-programmed scenarios
- Detailed debriefing
- Built-in AV recording possible
- Scenario editor
- ECG and sound editor

Package components

- NeMo neonatal simulator
- Suitcase
- Charger with power cable
- Bluetooth stethoscope simulator
- Software
- Umbilical cord add on
- IO leg add on

NeMo ADVANCED

T5030



NeMo advanced is an infant simulator that can be used to train medical professionals in the treatment of respiratory distress and cardiopulmonary arrest in infants. In **NeMo advanced**, the user can recognize the faithful representation of the skeleton with collarbones, ribs, arm and leg bones as well as anatomical landmarks in the chest and abdomen, which enables absolutely authentic emergency training. The manikin's features include realistic airways for practicing airway management with multiple devices, an authentic respiratory system, true-to-life chest compression resistance and an additional IO leg for practicing intraosseous access.

General

- Sex male
- Length: 59 cm
- Skin tone: Dark, Medium or Light

Airway

- Realistic anatomy: tongue, epiglottis, vocal cords, trachea, and esophagus
- Airway open maneuvers: head tilt, chin lift, and jaw thrust
- Use of different oxygen supply systems
- Oro- and nasotracheal intubation
- Insertion of oro- and nasopharyngeal airways
- Insertion of supraglottic devices
- Oro- and nasopharyngeal suctioning

Breathing

- Realistic chest movement during ventilation
- Bag-valve-mask ventilation
- Pneumothorax
- Thorax - needle decompression

CPR

- Anatomical landmarks for heart massage
- Realistic compression resistance

Other

- Flexible neck, limbs and back
- Intraosseous insertion

Package components

- NeMo neonatal simulator
- Umbilical cord add on
- IO leg add on



NeMo is a neonatal simulator developed for the care of infants. Its lifelike reproduction of a baby's surface anatomy and soft silicone skin make training nursing skills realistic, accurate and authentic. **NeMo** has the weight of a real baby and has a flexible neck, back and limbs. Easy to clean and disinfect, this doll is an ideal training tool for basic care of a small and delicate patient.

Features:

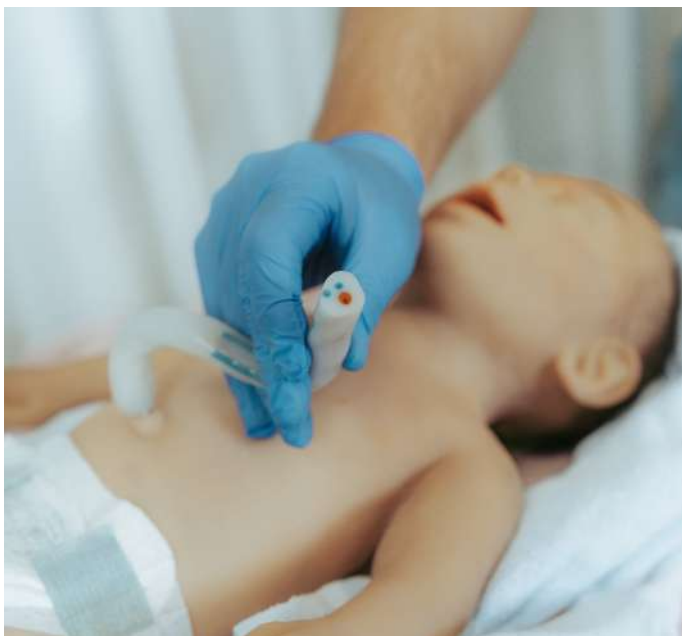
- Sex male
- Length: 59 cm
- Skin tone: Dark, Medium or Light

- Realistic look and feel
- Movable limbs, back and neck
- Nursing care



Example of use









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