



Xpert

NENASim Xpert is a high-fidelity neonatal simulator. Faithful reproduction of a baby's anatomy and physiology, **NENASim Xpert** is an effective tool for all kinds of neonatal care specialist training as advanced life support, intensive care, and several medical procedures. Some of the manikin's features include auscultation of heart, lungs, and belly sounds with the Bluetooth stethoscope simulator; a fontanel with adjustable depth; several palpable pulses; and a bedside monitor with multiple adjustable parameters.

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 chest movement when ventilated
- Lung auscultation
- Bag-valve-mask ventilation
- Thoracic 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
- Eye lids movement
- Realistic movement of the articulations
- Convulsion
- IV access
- Intraosseous insertion
- Bowel sounds
- Urethral catheterization
- Rectal access



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

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



Auscultation

Eight positions on the torso to auscultates normal and abnormal sounds from the heart, lungs, and belly.



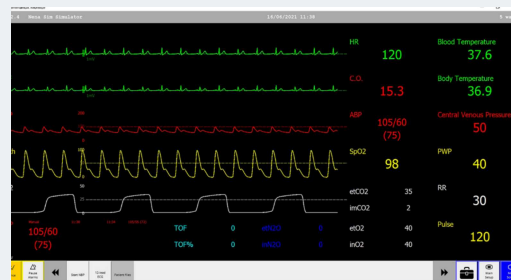
Realistic look and feel

From its lifelike eyes and palpable fontanelles to the realistic silicone skin, NENASim looks, feels, weighs and sounds like a real baby.



Ventilation

Ventilate NENASim with a bag-valve-mask and watch its chest rises and falls.



Multi-parameter patient monitor

From basic vital signs to advanced monitoring parameters, the bedside monitor displays all the patient's information.



Bladder catheterization

Practice the delicate procedure of inserting a catheter into an infant's urethra.



Palpable pulses

Bilateral brachial and femoral pulses