



Xcel

NENASim Xcel is a neonatal simulator designed to train healthcare providers to manage respiratory emergencies and cardiopulmonary arrest in an infant patient.

In all the sizes available of **NENASim Xcel**, the user can recognize its faithful skeleton representation with collar bones, ribs, and bones of arms and legs, as well as anatomical landmarks of its chest and abdomen, delivering absolute authenticity to emergency training. Some of the manikin's features include realistic airway for the practicing of airway management with multiple devices; authentic respiratory system; faithful compression resistance of the thorax; and a IO leg add on for the training of intraosseous access.

NENASim Xcel is available in **Infant, Newborn, and Preemie** sizes. (See page 18 for information about Newborn and page 20 for the Preemie)

General

- **Infant size** - male
Length: 59 cm
- **Newborn size** - male
Length: 45 cm
- **Preemie size** - female
Length: 33 cm
- **Skin tone:** Dark, Medium or Light

Airway

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

Breathing

- Realistic chest movement when ventilated
- Bag-valve-mask ventilation
- Pneumothorax
- Thoracic needle decompression

CPR

- Anatomical landmarks for heart massage
- Realistic compression resistance

Other

- Flexible neck, limbs, and back
- Intraosseous insertion

Package Components

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



Realistic look and feel

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



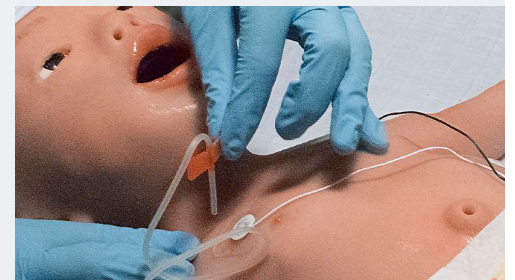
Respiratory emergencies management

NENASim allows the placement of multiple airway devices



Ventilation

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



Pneumothorax

Visual and palpable thoracic landmarks for needle decompression training



Other procedures

NENASim extra accessories are available to provide additional skills training: IO leg and umbilical cord strap.



CPR

Anatomical landmarks for heart massage and realistic compression resistance