



NENASim Newborn Xcel specifications

1. GENERAL	DESCRIPTION
1.1	Full-body neonatal patient simulator
1.2	Faithful reproduction of a baby's anatomy
1.3	Realistic baby height and weight: 47cm – 3.5kg
1.4	Life-like looking with soft silicon skin
1.5	Flexible limbs, back, and neck
1.6	Ideal for BLS training
1.7	Three options of skin tone
1.8	Easy to clean and disinfect

2. AIRWAY	DESCRIPTION
2.1	Airway opening maneuvers: head tilt, chin lift, and jaw thrust
2.2	Placement of multiple oxygen delivery systems: nasal cannula, face masks, etc. ¹
2.3	Realistic anatomy: tongue, epiglottis, vocal cords, trachea, and esophagus
2.4	Oropharyngeal and nasopharyngeal airways
2.5	Orotracheal intubation
2.6	Nasotracheal intubation
2.7	Supraglottic devices: Laryngeal Mask Airway and Laryngeal Tube Airway
2.8	Oral and nasal fiberoptic intubation
2.9	Esophageal intubation
2.10	Oro- and nasopharyngeal suction

1. Oxygen delivery systems: Low-flow (1. Nasal cannula, simple face mask, non-rebreather mask, transtracheal oxygen catheter) and high-flow (rebreather mask, venturi mask, high-flow nasal cannula).

3. BREATHING	DESCRIPTION
3.1	Realistic chest rise during ventilation
3.2	Ventilation with bag-valve-mask
3.3	Can be attached to real mechanical ventilators
3.4	Unilateral chest rise simulating a pneumothorax
3.5	Thoracic needle decompression - bilateral
3.6	Improper ventilation in the esophagus can lead to stomach inflation

4. TORSO & LIMBS	DESCRIPTION
4.1	Umbilical cord
4.2	Intraosseous insertion on the left or right tibia

5. RESSUSSITATION	DESCRIPTION
5.1	Realistic compression resistance
5.2	Anatomical landmarks for heart massage

6. PACKAGE COMPONENTS	DESCRIPTION
6.1	NENASim Newborn Xcel neonatal simulator
6.2	Transport suitcase
6.3	Umbilical cord
6.4	IO Leg

*Specifications may be subject to change during development.
Please contact Medical-X for the latest specifications.