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Mobile : +91 88495 63724
Mobile 1: +91 98791 03905

Email: sem@semtrainers.com
Website: www.semtrainers.com

NENAsim Infant HPS, Light skin

Item No. 1020899
Weight 4.6kg
Dimensions 55 x 12 x 50 cm
MPN: NS01

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SKU:

Categories: Neonatal Patient Care



Product Description

NENAsim was created to complement realistic multidisciplinary team or individual baby patient simulation training. NENAsim is a neonatal simulator with unprecedented level of realism and offers an ideal training solution for a wide range of healthcare professionals including patient care, emergency medical intervention and resuscitation training. The NENAsim system consists of four components: 1. Baby simulator 2. Simulation software 3. Carrying case 4. Charger NENAsim comes with a software which provides WI-FI communication between the baby and the monitor. It has a user-friendly touchscreen interface which allows to control the NENAsim baby simulator movements and shows its vital signs. Configurable parameters are displayed on the patient monitor for the real-time training interaction. The NENAsim patient monitor is a perfect tool for training baby examination. It has the following parameters for setting up various scenarios: blood pressure, heart-rate, ECGs, SpO2, CO2, ABP, CVP, PAP, PCWP, NIBP, TOF and many more. Trainees learn from monitoring the displayed parameters – it enables them to deduce the correlation between the measured values and the clinical picture of the patient, thus helping in recognising and managing paediatric emergencies. Realistic Anatomy NENAsim has a lifelike appearance and movement of the eyes, head and neck. The silicon skin changes its temperature, whereas no visible artificial joints make its outer appearance even more realistic. Variable breathing patterns as well as torso motion can be controlled via provided software. Airway Management Paediatric airway management remains the most difficult task that many healthcare professionals need to face. Success of any technique or clinical performance depends on constant training which comes from understanding anatomical and paediatric airway facilities. NENAsim allows to perform all aspects of neonatal airway management training and gives trainees the necessary confidence to deal with their little patients in the future. Breathing Newborns and infants might experience breathing difficulties resulting from several different illnesses. NENAsim offers a variety of difficult breathing patterns and complications to help learners tackle these difficult problems in the future. Apart from that, NENAsim would make the training even more realistic through its vocal sounds: crying, coughing or hiccupping. CPR About one quarter of all neonatal deaths are caused by failing to initiate and sustain breathing at birth. Effective resuscitation can prevent a large proportion of these deaths - NENAsim has been designed to teach the fundamentals of infant CPR and trauma care. Open the airway by tilting NENAsim's head and chin, and begin the resuscitation. Blood circulation Blood pressure, pulse rate and respiratory rate are the routine vital signs measured in neonatal care. NENAsim offers versatile BP and ECG features, all of which can be controlled and displayed on the monitor. Software The user-friendly software provides WI-FI communication between the baby simulator and the monitor. Due to this wireless connection, the training sessions can be conducted both indoors and outdoors to maximize the lifelike training. The trainer can choose from one of the 5 available standard scenarios or build his own. New parameters can be added at any time in order to alter the existing scenarios. Individual as well as team trainings with different language options are possible. The creators of NENAsim believe that realistic simulation training is an essential step in improving healthcare. Medical professionals need to be able to put their acquired knowledge into

practice without harming real patients. Confidence, competence and experience have to be built up from realistic clinical training. Compatible with both Microsoft Windows and MacOS

	Infant Care	Infant ALS	Infant ALS with Basic Software	ALS+ am Säugling mit Basic Software	Infant Human Patient Simulator (HPS)
Item No.	Boy 1021099	Boy 1021103	Boy 1021104	Boy 1021106	Light skin 1020899
	Girl 1021098	Girl 1021102	Girl 1021105	Girl 1021107	Dark skin 1018876
Patient care procedures	Yes	Yes	Yes	Yes	Yes
Airway management					
Realistic airway	-	Yes	Yes	Yes	Yes
Intubation, oxygen delivery procedures	-	Yes	Yes	Yes	Yes
Spontaneous breathing	-	-	-	Yes	Yes
CPR					
Head tilt, chin lift and jaw thrust	-	Yes	Yes	Yes	Yes
CPR compressions	-	-	-	Yes	Yes
Live defibrillation, pacing and cardioversion	-	-	-	-	Yes
Software feedback on CPR	-	-	Yes	Yes	Yes
Kardiovaskulär					
ECG & 12 lead display	-	-	-	-	Yes
Palpable pulse points	-	-	-	-	Yes
Blood circulation vital signs	-	-	Yes	Yes	Yes
Auscultation & Sounds					
Vocal sounds as well as heart, lung and bowel sounds	-	-	-	-	Yes
Normal and abnormal breath sounds	-	-	-	-	Yes

Wireless stethoscope	-	-	-	-	Yes
Additional features					
IV arm, IO leg	-	-	-	-	Yes
Head and eyelid movement	-	-	-	-	Yes
Software features	-	-	basic	basic	advanced
Weight	2 kg	2.5 kg	2.5 kg	5 kg	5 kg

NENAsim® Infant HPS, Light Skin (1020899 / NS01)

NENAsim® was created to complement realistic multidisciplinary team or individual baby patient simulation training, offering an ideal training solution for healthcare professionals across patient care, emergency medical intervention, and resuscitation.

A complete four-part system: the baby simulator, simulation software, carrying case, and charger.

Wireless, touchscreen-controlled training. The included software provides Wi-Fi communication between the baby and the patient monitor via a user-friendly touchscreen interface, controlling the simulator's movements and displaying vital signs in real time. Trainees learn by correlating the monitor's parameters with the patient's clinical picture — building the skills to recognize and manage pediatric emergencies.

Comprehensive monitoring parameters, including blood pressure, heart rate, ECGs, SpO2, CO2, ABP, CVP, PAP, PCWP, NIBP, TOF, and more, all configurable for different training scenarios.

Realistic anatomy and movement. Lifelike eye, head, and neck movement; silicone skin that changes temperature; no visible artificial joints; and variable breathing patterns and torso motion, all software-controlled.

Full pediatric airway management training — widely regarded as one of the hardest skills for healthcare professionals to master, and directly supported here through realistic anatomical airway training.

Realistic breathing and vocal simulation. A variety of difficult breathing patterns and complications, plus vocal sounds (crying, coughing, hiccupping) for added realism.

Purpose-built for CPR training. With roughly a quarter of neonatal deaths caused by failure to initiate and sustain breathing at birth, NENAsim teaches the fundamentals of infant CPR and trauma care through realistic head-tilt/chin-lift resuscitation practice.

Full blood circulation monitoring, with versatile BP and ECG features displayed live on the monitor.

Flexible, wireless training sessions. The Wi-Fi connection between simulator and monitor allows training indoors or outdoors. Choose from 5 standard scenarios or build custom ones, with new parameters addable at any time — supporting both individual and team training with multiple language options.

Compatible with both Microsoft Windows and macOS.

Why Buy from SEM Trainers? SEM Trainers & Systems has over 30 years of experience supplying medical education resources to 1,500+ institutions across 28 states. We provide pan-India delivery and dedicated after-sales support.

Frequently Asked Questions

Q: What's included in the system? A: The baby simulator, simulation software, a carrying case, and a charger.

Q: How does this differ from the HPS Xtreme version? A: This standard HPS offers 5 preset training scenarios with customization options, while the Xtreme adds a full scenario editor, ECG editor, and sound editor for building fully custom scenarios.

Q: Is it compatible with Mac computers? A: Yes — compatible with both Microsoft Windows and macOS.

Contact us at sem@semtrainers.com or call +91-88495 63724 for pricing and availability.