The NENASim baby simulators are available in various sizes and degrees of fidelity. This brochure is on our preterm baby, the Preemie, ALS edition.

**NENASim Preemie**
The NENASim Preemie is a realistic interactive simulator, to be used for neonatal intensive care training. The Preemie allows for a variety of medical procedures, preparing medical staff and everyone involved on the great responsibility of care for a preterm baby. The main assets of the Preemie are its realistic airway, life-like feel and looks and task-training functionalities.

**Design philosophy: realism in form and function**
Realism is key in our design philosophy. Simulator training gives medical teams the experience, competence and confidence they desire.

Realism adds to the quality and effectivity of training. Our NENASim product line is developed through extensive feedback programs to produce an engaging baby patient experience for medical professionals. Form and function come together in a realistic, interactive simulator, ready to be used in training for all levels of care.

**Simulator training**
We can provide additional training modules for the medical departments and skills centers, both in-house and in training locations around the world.

The Preemie enables medical teams to work together in caring for a premature baby. By giving the trainees different roles within predefined scenarios, medical skills and teamwork are tested and improved.

**Size and weight of the NENA-Preemie:**
- Weight: 730 grams
- Length: 320 mm
- Head size: 240 mm
- Belly size: 210 mm
- Femur length: 48 mm

**Product training, service and guarantee**
The NENASim is a complex product, we understand the need for a strong service component. Medical-X provides application training and guarantees the product for 1 year. Additional service packages can be provided for.

**IV access point in scalp**
- CPR training
- Adjustable lung resistance
- Umbilical cord and vascular access
- Stomach
NENASim ALS Preemie FEATURES

Lifelike looks and feel
The fragile stature of preterm babies is accurately experienced through the realistic looks and feel of the simulator. Being fully enveloped in skin, having eyes with eyelids, proportioned as a premature, the NENA-Preemie feels alive. This is a great asset for the preparation of staff and family, which can require close skin-to-skin contact as a potential care technique. The skin is soft to the touch, easy to clean and durable.

Realistic airway system
The airway is realistic, with a tongue, vocal cords, trachea and esophagus. The Preemie can be endotracheal and nasally intubated. The baby can be ventilated manually. Ventilation generates a rise in the chest. Improper intubation and ventilation leads to a rise of the belly. The resistance of either lungs can be adjusted manually.

IV access points
There are multiple IV access points to train with. On the scalp two wet IVs can be placed on the superficial temporal veins. Fluids are then drained.

CPR training
The NENA-Preemie can be used to practice CPR, using the two-thumb technique.

Stomach
The NENA-Preemie has a stomach. It can be accessed through orogastric intubation.

Umbilical cord vascular access
The umbilical cord is attached to a drainage tube, allowing for the training of umbilical cord catheterization through the umbilical vein and the use of actual fluids within the medical treatment. The umbilical cord is replaceable after repeated use.

* Actual products may differ from shown hardware and software images