

# PREMIE HAL - Advanced premature newborn

PRODUCT NUMBER: 1293



## DESCRIPTION:

The Premie HAL® is a lifelike, **24-week preterm patient simulator** designed to facilitate the training of healthcare professionals in the areas of **airway management, respiratory support, and resuscitation.**

## SKILLS:

- ☑- Resuscitation skills (CPR)
- ☑- BVM ventilation
- ☑- Sellick maneuver
- ☑- Nasal and oral intubation
- ☑- Airway management
- ☑- Sellick maneuver

### MORE THAN SIMULATORS S.L.

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### CONTACTO

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- ☒- Positive pressure ventilation technique
- ☒- Umbilical catheterization
- ☒- Urinary catheterization
- ☒- Palpation of pulses at fontanelle, femoral and brachial regions
- ☒- Umbilical pulse palpation
- ☒- Temperature control procedures
- ☒- Blood sampling
- ☒- PICC line placement
- ☒- Intraosseous exercises
- ☒- Intravenous exercises
- ☒- Bathing techniques and diaper change
- ☒- Nasogastric feeding and suctioning
- ☒- Gastric distension management

## CASES AND PATHOLOGIES:

### OMNI 2 WIRELESS INTERFACE (option):

- ☒- The new OMNI® 2 features basic life support-specific simulation tools designed to help boost skill acquisition, enhance the simulated experience, and support assessment and debriefing. It's the one handy tool that can do it all.
- ☒- Includes 5 premature infant pre-set scenarios:
  - ☒- CPAP and OG tube placement
  - ☒- Infant Resuscitation
  - ☒- Premie early-onset sepsis
  - ☒- Respiratory distress syndrome
  - ☒- Umbilical catheterization

## CHARACTERISTICS:

### GENERAL:

- ☒- Age: 24 Week preterm neonate
- ☒- Length: 31.75 cm
- ☒- Weight: 0,6 kg
- ☒- End of life care
- ☒- Practice proper bathing technique and diaper change
- ☒- Perform temperature control procedures

### AIRWAY MANAGEMENT:

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- ☒ Lifelike, anatomically accurate oral cavity and airway
- ☒ Lifelike gums and appropriately sized tongue
- ☒ Endotracheal intubation
- ☒ Sellick maneuver
- ☒ Nose and oral cavity suction

#### **BREATHING:**

- ☒ True-to-life lung compliance
- ☒ Visible chest rise following recommended flow, PIP, and PEEP values
- ☒ Supports standard positive pressure ventilation devices including BVM, CPAP, and mechanical ventilators

#### **CARDIAC / CIRCULATORY:**

- ☒ Pulses (manual): Brachial, Femoral, Umbilical and Fontanelle
- ☒ Realistic chest recoil during CPR

#### **VASCULAR ACCESS:**

- ☒ IV cannulation: hand, scalp and UVC/UAC infusion and sampling
- ☒ PICC line placement
- ☒ Navel insert

#### **GASTROINTESTINAL:**

- ☒ Gastric distention
- ☒ Patent esophagus
- ☒ NG/OG intubation
- ☒ Gastric suction and feeding

## **INCLUDE:**

- ☒ 1 Preterm neonate simulator
- ☒ 1 IV bag, stand and tubing
- ☒ 1 Filling kit
- ☒ 1 Drainage kit
- ☒ 5 Scalp IV inserts
- ☒ 1 Squeeze bulb with tubing kit
- ☒ 3 Umbilicus
- ☒ 3 Pre-cut umbilical stumps
- ☒ 1 Umbilical cord
- ☒ 1 Replacement veins for IV arm
- ☒ 1 Baby blanket

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**More Than Simulators™**  
*Excellence. Every patient. Every time.*

- ☒- 1 Diaper
- ☒- 1 Mineral oil lubricant
- ☒- 1 Concentrated blood
- ☒- 1 Medical tape
- ☒- 1 Carrying bag
- ☒- 1 Instructions manual



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