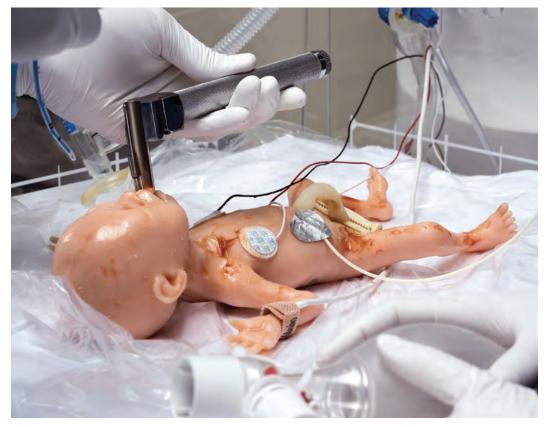


Critical Thinking and Skills Training **Through Enriched Experiences**

The Premie HAL® S108.100 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.











Suctioning

Bag ventilation

Active resuscitation

Positive pressure ventilation

Realistic Preterm Stabilization and Resuscitation Exercises

Premie HAL S108.100 has a lifelike, anatomically accurate oral cavity and airway, which allows participants to rehearse stabilization and resuscitation for preterm infants.

- Airway landmarks including: tongue, epiglottis, and vocal cords
- Realistic chest recoil during CPR
- Manual pulses: brachial, femoral, umbilical, and fontanelle
- · Vascular access via hand, scalp, and umbilicus
- Supports:
 - » UVC/UAC sampling and infusion
 - » PICC line placement





Features

- Age: 24-week preterm neonate
- Length 12.5" (31.75cm)
- Weight 1.3lbs (.59 kg)

Airway

- 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

- · Pulses (manual)
 - » Brachial
 - » Femoral
 - » Umbilical
 - » Fontanelle
- Realistic chest recoil during CPR

Vascular access

- IV cannulation
 - » Hand
 - » Scalp
 - » UVC/UAC infusion and sampling
- PICC line placement
- Navel insert

Gastrointestinal

- Gastric distension
- Patent esophagus
- NG/OG intubation
- Gastric suctioning and feeding

True-to-Life Respiratory **Support Training**

Premie HAL S108.100 has realistic lungs that respond to respiratory support like a real premature infant. This allows care providers to practice advanced neonatal respiratory care in situ and interpret actual PV waveforms.

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

Premie HAL®

S108.100.PK • •



Premie HAL, IV bag, stand, tubing, filling kit, drainage kit, scalp IV inserts, squeeze bulb with tubing kit, navel insert, umbilical cords. replacement left IV arm, baby blanket, mineral oil lubricant, concentrated blood, medical tape, canvas carrying bag, and One-Year Limited Warranty. Skin tones available at no extra charge.

Gaumard Vitals™ **Bedside Virtual Monitor**

30080154B

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Gaumard Vitals™ **Portable Virtual Monitor**

30081003A

Microsoft Tablet PC, OMNI 2 Tablet. Virtual Patient Activation Code for OMNI 2, accessories.

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