



**Gaumard**<sup>®</sup>  
Simulators for Health Care Education

Leadership Through Innovation™



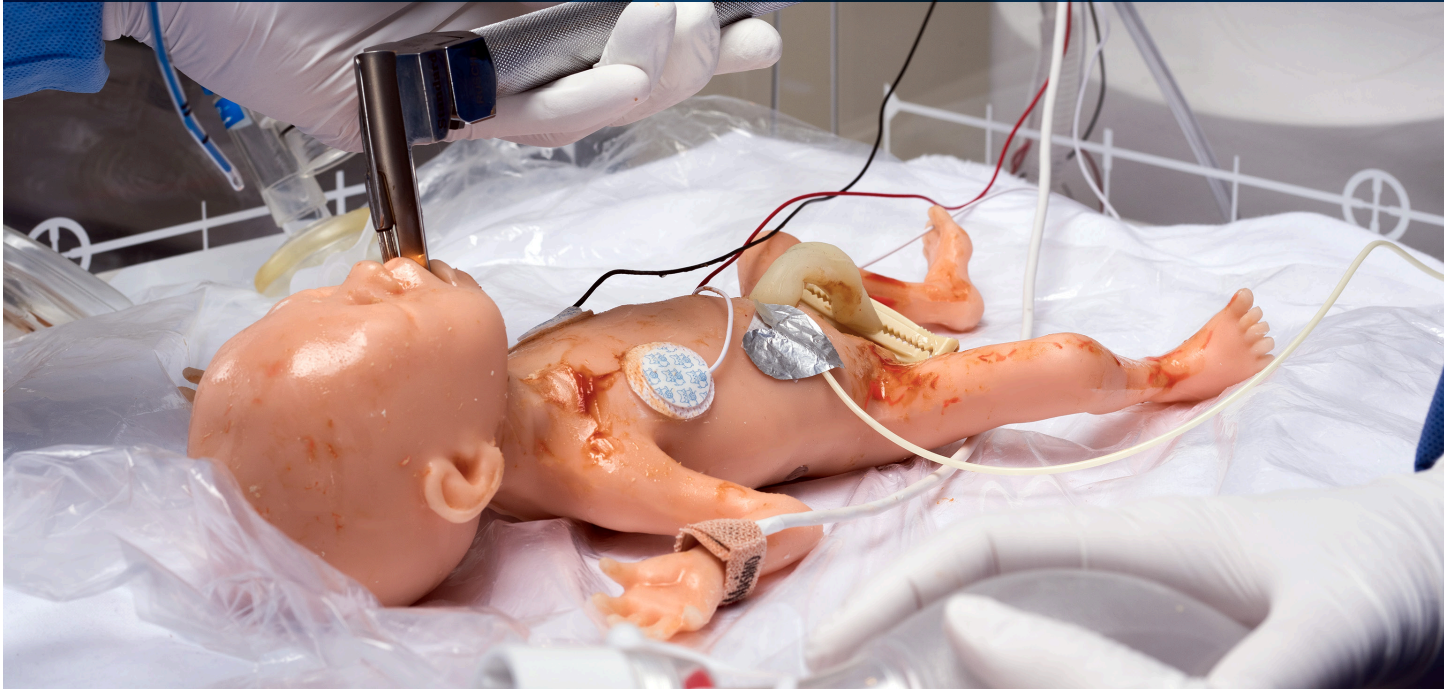
# PREMIE HAL<sup>®</sup> S108.100

24-Week Preterm Newborn Skills Trainer

- Anatomically accurate oral cavity and airway
- Visible chest rise with assisted ventilation
- Realistic chest compression and recoil
- Fontanelle, umbilical, brachial, and femoral pulses
- IV cannulation, umbilical artery, and catheterization

## 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, Pre-Term 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 include: epiglottis, glottis, 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





## 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

Available skin tones

#### PACKAGE CONTENTS:

- 24 week preterm neonate
- IV bag, stand, and tubing
- Filling kit
- Drainage kit
- PICC line inserts
- Squeeze bulb with tubing kit
- Navel insert
- Umbilical cords
- Replacement left IV arm
- Baby blanket
- Diaper
- Mineral oil lubricant
- Concentrated blood
- Medical tape
- Canvas carrying bag

#### OPTION

**GAUMARD VIRTUAL INSTRUMENTS® - PATIENT MONITOR SKILLS TRAINERS**

### 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 appropriate 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

## REQUEST A QUOTE

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