![More Than Simulators™ - Excellence. Every patient. Every time.]
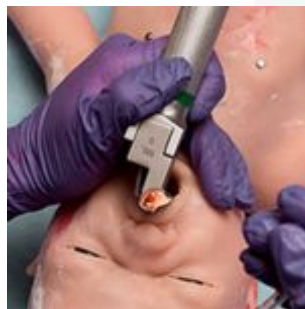
SUPER TORY - HI-FI NEWBORN SIMULATOR - UNI

Nº DE PRODUTO: 1508

DESCRIÇÃO:

Super Tory is **the first newborn simulator developed to meet the challenges of neonatal care specialist training** in real environments. Active movement, true ventilator support, real patient monitoring, and all-day battery life. These are just a few of the revolutionary new capabilities which allow Super Tory to **simulate complex pathologies and respond to interventions with unparalleled realism.**

It offers a new kind of simulation experience. It **engages the participant's emotions, promotes suspension of disbelief, and helps create lasting memories.**

HABILIDADES:

- Resuscitation training (eCPR)
- Airway management

- Naso and orotracheal intubation
- BVM ventilation
- NG/OG tube placement
- Needle decompression and Chest tube insertion
- ECG monitoring
- Blood pressure measuring
- SpO2 and EtCO2 monitoring
- Cyanosis management
- Defibrillation and cardioversion
- IV cannulation: bolus, infusion and sampling
- Intraosseous infusion
- Urinary catheterization
- Umbilical catheterization
- Auscultation of bowel and cardiac sounds
- Abdominal distension detection

CASOS E PATOLOGIAS:

UNI WIRELESS INTERFACE – PRE-INSTALLED SCENARIOS:

- The Super Tory Neonatal Care Simulation Learning Experiences (SLEs) courseware provides you with a library of ready-to-use, evidence-based scenarios designed to help you maximize participant's learning through outcome-focused simulated clinical patient encounters.
- The package includes 10 SLEs complete with a facilitator's guidebook for planning, setting up, and facilitating each learning experience.

- Acute Respiratory Distress Syndrome
- Bronchopulmonary Dysplasia with Pulmonary Hypertension
- Diaphragmatic Hernia
- Drug-Exposed Infant/Neonatal Abstinence Syndrome
- Early-Onset Sepsis
- Hyperbilirubinemia
- Late-Onset Sepsis
- Nuchal Cord
- Pneumonia
- Shoulder Dystocia

CARACTERISTICAS:

MORE THAN SIMULATORS S.L.
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GENERAL:

- Age: Full-term newborn
- Weight: 8 lbs.
- Length: 21 in.

NEUROLOGIC:

- Crying/grunting with visible mouth movement
- Blinking eyes
- Seizures/convulsions
- Programmable muscle tone: active, reduced, and limp

AIRWAY MANAGEMENT:

- Anatomically accurate oral cavity and airway
- Nasotracheal/orotracheal intubation (ETT, laryngeal airway)
- Head tilt, chin lift, jaw thrust
- Supports esophageal intubation
- NG/OG tube placement
- Bag-valve-mask ventilation support
- Neck hyperextension and flexion airway obstruction with event capture and logging
- Intubation depth detection and software event log

BREATHING:

- Spontaneous, continuous breathing
- Variable respiratory rates and inspiratory/ expiratory ratios
- Programmable unilateral chest rise and fall
- Unilateral lung sounds synchronized with respiratory rate
- Programmable retractions, “”see-saw”” breathing
- Mechanical ventilation support: A/C, SIMV, CPAP, PCV, PSV, NIPPV; Supports PEEP (up to 20 cmH2O), Dynamic airway and lung controls, Variable lung compliance and Bilateral bronchi resistance
- Programmable respiratory efforts for weaning/liberation
- Unilateral chest rise with right mainstem intubation (Automatic detection and logging)
- Real-time ventilation feedback
- Bilateral, midaxillary pneumothorax sites support needle decompression and chest tube insertion
- Pneumothorax sites feature palpable bony landmarks, realistic skin for cutting and suturing, bleeding, tactile pleural pop, and fluid drain
- Visible chest rise during bag-valve-mask ventilation
- Supports EtCO2 monitoring using real sensors and monitoring devices

CIRCULATORY:

- Visible cyanosis, jaundice, paleness, and redness with variable intensities

- Supports manual capillary refill time assessment on the left foot (Automatic detection and logging)
- Programmable fontanel: depressed, normal, and bulging
- Palpable pulses: brachial, femoral, and umbilical
- Pulse palpation event detection and logging
- Blood pressure-dependent pulses
- Supports blood pressure monitoring using real NIBP cuff
- Audible Korotkoff sounds
- Preductal (right hand) and postductal (right foot) SpO2 monitoring using real devices

CARDIAC:

- Includes comprehensive library of ECG rhythms with customizable beat variations
- Supports ECG monitoring using real devices
- Supports ECG-derived respiration monitoring (EDR)
- eCPR™ Real-time quality feedback and reporting: Time to CPR, Compression depth/rate, Compression interruptions, Ventilation rate, Excessive ventilation and Smart CPR voice coach
- Chest compression depth sensor
- Defibrillate, cardiovert, and pace using real devices and energy
- Effective chest compressions generate palpable femoral pulses and ECG activity
- Healthy and abnormal heart sounds
- Supports virtual pacing and defibrillation

VASCULAR ACCESS:

- IV cannulation: bolus, infusion, and sampling: Hand, Scalp and Umbilicus
- Umbilical catheterization (UVC/UAC): continuous infusion and sampling
- Bilateral IO tibial infusion

GASTROINTESTINAL:

- Programmable abdominal distension
- Urinary catheterization with return
- Normal and abnormal bowel sounds

INCLUI:

- 1 SUPER TORY Simulator
- 1 UNI tablet PC (simulation controller)
- 10 Preloaded scenarios
- 5 IO tibial replacements
- 1 IV filling kit

- 1 Carrying case
- 1 Instructions manual

MODULOS ADICIONAIS:

BEDSIDE GAUMARD VITALS PATIENT MONITOR (option):

- It simulates the functionality and look of a real patient monitor, allowing participants to practice data interpretation, documentation, and clinical decision-making skills.

- Customizable interface can mimic the look of various real patient monitor brands
- 20+ Dynamic scalars and waveforms including HR, ABP, SpO2, RR, EtCO2, temperature, time, and more
- Customizable alarms for vital sign parameter high/low threshold
- Virtual 12-Lead ECG Monitoring
- Data histogram
- Built-in virtual defibrillator and pacerWireless data communication”

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