

TORY™ S2210

Tetherless and Wireless Full-term
Neonatal Simulator

- Lifelike appearance and physiology
- eCPR™ - CPR effectiveness monitoring and trainer
- Fully responsive even while being carried
- Easy-to-use neonatal care training solution
- Simulate clinical cases in any setting



Gaumard®
Simulators for Health Care Education



IMMEDIATE CARE AFTER DELIVERY

Tory™ offers true-to-life physical and physiological attributes, wireless mobility, and ease-of-use designed to simulate lifelike clinical cases for every stage in neonatal care. Whether training in a simulation center, in-situ, or in transit, Tory brings neonatal simulation closer to real life than ever before.

IMMEDIATE CARE AFTER DELIVERY | *Tory S2210*

APPEARANCE, ANATOMY, AND PHYSIOLOGY

Tory looks and feels like a real term newborn with its soft and supple skin, lifelike vitals, and realistic articulation. The perfect combination of features for APGAR evaluation and physical examination scenarios.



6 lbs / 2.7kg 20.75 in / 52.7cm



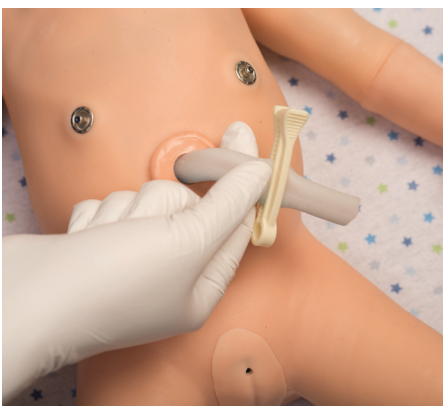
Full range of motion



Active arm movement: limp, active, seizures



Cyanosis, crying, grunting



Fontanelle, brachial, umbilical pulses



Heart, lung, and bowel sounds

TRANSITION *Mother-Newborn Physiologic Link*

When paired with Victoria® the “Mother-Newborn Link” wirelessly transfers the condition of the fetus at the moment of birth to Tory.

This exclusive feature lets operators accurately simulate the transition from intrauterine to extrauterine life with just 1 click, while allowing participants to train continuity of care skills essential to improving response time and teamwork.



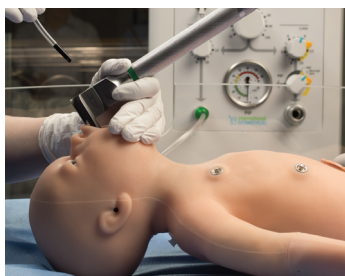
NEONATAL RESUSCITATION

COMPREHENSIVE CARDIOPULMONARY PHYSIOLOGY WITH FEEDBACK

Tory's heart and breath sounds, chest rise, EtCO₂, and O₂ Sat readings allow participants to practice recognizing and managing varying degrees of distress. Additionally, built-in ventilation and chest compression sensors accurately simulate realistic physiological responses to intervention, without input from the operator. Tory's powerful software handles the complex physiology so you can focus on the providers' actions.



CPR efficiency sensors



Neck hyperextension sensor



Real CO₂ exhalation



Hypoxia modeling



Monitor heart rate, respiration, and EtCO₂ using your native monitoring devices

Microsoft Surface Pro tablet and UNI[®] Simulator Control Software are included.



REAL CO₂ EXHALATION

Tory exhales real and measurable CO₂, thus capable of simulating a broad range of cardiopulmonary responses. Now participants can train to interpret and manage abnormal levels of EtCO₂ using a real capnometer to improve response time and reduce risk in live situations. Tory's CO₂ exhalation system is small and portable, allowing continuous monitoring during transport.

ETCO₂ TRAINING BENEFITS

- Improve recognition and diagnosis of life threatening conditions related to abnormal EtCO₂ including respiratory distress, apnea, cardiac arrest, and shock
- Improve recognition and management of hypo and hyperventilation using breath-to-breath ventilation data
- Train to confirm endotracheal intubation with every procedure
- Train to recognize inadvertent extubation or "false negative endotracheal intubation" due to compromised pulmonary blood flow
- Improve management of full arrest, by learning to monitor perfusion during compressions in real time and identifying return of spontaneous circulation (ROSC)

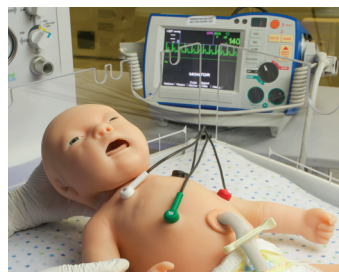
REAL-TIME FEEDBACK eCPR[™] Monitor and Smart Trainer

The eCPR[™] interactive monitor and smart trainer allows educators to evaluate the effectiveness of ventilations and compressions in real time. It also features verbal coaching cues and a comprehensive performance report for better training and better outcomes.

NEONATAL STABILIZATION

CARE AND MONITORING USING REAL DEVICES

With Tory, learners can use real devices to monitor heart rate, respiration, and EtCO₂, thus able to train device operation and interpretation to improve patient safety. Tory also features multiple IV access sites to engage the learners' cognitive, technical, and psychomotor skills. Our CD100 Neonatal Stabilization Scenario package based on The S.T.A.B.L.E.[™] Program curriculum offers validated educational material to improve neonatal resuscitation and stabilization.



Monitor using real devices



Bilateral IV access & infusion



Arterial/venous umbilical cath.



Navel insert post cord detachment



I/O access with drain port for infusion



IV access with drain port for infusion



Urinary catheterization



Bowel sounds

HANDOFF AND TRANSPORT

Wireless, Tetherless, and Battery Powered

Tory is fully functional while on battery power for up to 4 hours. There are no distracting controller wires or tethered external compressors. Our proven wireless and tetherless technology lets you easily simulate transitional care scenarios to improve inter and intra-disciplinary teamwork and communication. From the labor and delivery room to the NICU or anywhere learning takes place, up to 300 feet away.



Wireless and tetherless operation

OPERATION, TRACKING, AND MONITORING

UNI® Unified Simulator Control Software

Powered by Microsoft® Surface Pro



Wireless and tetherless operation

POWERFULLY INTUITIVE. READY FOR USE

UNI's intuitive design offers the ease of use and capabilities required by even the most demanding simulation programs.

LEARN JUST ONCE AND FOR ALL

UNI's interface design is shared across our complete line of computer controlled patient simulators. Once familiarized, you can quickly apply your skills to operate other Gaumard products without retraining, saving your program valuable time and money.

- **Preconfigured and Ready** - UNI comes preloaded and preconfigured on the rugged 12" wireless tablet PC included with the package.
- **3D Patient Visualization Monitor** - This real-time 3D view of the patient ensures you never lose track of provider/patient interaction during the simulation.
- **Automatic Operating Mode** - UNI's engine calculates physiologic responses to caregiver or operator actions, pharmacologic intervention, and cardiopulmonary events, thereby increase fidelity while reducing input from the operator.
- **Scenario Designer** - Create your own scenarios quickly and easily and share them with other UNI users.
- **eCPR™** - Monitor rate and compression depth, no-flow time, ventilation rate, and excessive ventilation; smart trainer features vocal cues and outputs performance report.

- **Lab Report Designer** - Generate and share simulated diagnostic lab results to enhance case fidelity and participant involvement
- **Questionnaire Form Designer** - Manage progress by easily creating interactive checklists to track participant objectives and post-simulation feedback.
- **Time stamped event recording and reporting** - The automated event tracking and interaction recorder ensures important events are always captured so you can focus on the action.
- **Provider Actions Tracker** - The interactive "Actions" panel lets you carefully track additional team and individual provider actions to generate a comprehensive post-simulation log.
- **UNI Control View Replay** - The built-in recorder captures UNI's screen as data to allow your team to review the simulation from the operator's chair.
- **No annual software license fee** - Gaumard is committed to providing the best value and to keep your program's operating costs down year after year.
- **Free software updates** - Always stay up to date and take advantage of all the newest features at no additional cost.
- **Free webinar training and technical support** - Sign up to our monthly webinar sessions and become a UNI expert.

FEATURES AND SPECIFICATIONS

APPEARANCE AND ANATOMY

- Age: 40 week term newborn
- Weight 6 lbs / 2.7kg
- Length 20.75 in / 52.7cm
- Smooth and supple full body skin
- Seamless trunk and limb joints
- Realistic joint articulation: neck, shoulder, elbow, hip, and knee
- Forearm pronation and supination
- Lifelike umbilicus
- Palpable landmarks including ribs and xiphoid process

TETHERLESS AND WIRELESS CONNECTIVITY

- Tetherless and fully responsive even while being transported
- Wireless control at distances of up to 300ft.
- Internal rechargeable battery provides up to 4 hrs. of tetherless operation
- Pneumatic and fluid reservoirs are housed inside the body
- NOELLE® Fetus-Newborn wireless link capability

AIRWAY

- Head tilt, chin lift, jaw thrust
- Realistic orotracheal and nasotracheal airway and visible vocal cords
- Bag-valve-mask ventilation
- Neck hyperextension airway obstruction with event capture and logging
- Intubation depth detection and logging
- Programmable crying/grunting sounds
- ETT, LMA, fiberoptic intubation

BREATHING

- Spontaneous breathing
- Variable respiratory rates and inspiratory/ expiratory ratios
- Visible chest rise with bag valve mask ventilation
- Unilateral chest rise with right main stem intubation
- Lung ventilations are measured and logged
- Programmable unilateral chest rise and fall
- Unilateral lung sounds synchronized with respiratory rate
- Real end-tidal CO₂ dependent on cardiac output (Requires option: S2210.078)

CARDIAC

- Comprehensive ECG rhythm library
- ECG monitoring using real devices
- eCPR™ Real-time CPR performance monitor and trainer
- Effective chest compressions generate palpable pulses and ECG activity
- Healthy and abnormal heart sounds
- Virtual pacing and defibrillation

CIRCULATORY

- Visible central cyanosis with programmable intensity
- Fontanelle, brachial and umbilical pulses
- Blood pressure dependent pulses
- Blood pressure measurement using real modified BP cuff.
- Audible Korotkoff sounds
- Pre-ductal and post-ductal O₂ saturation values simulated on patient monitor
- Arterial/venous umbilical catheterization

VASCULAR ACCESS

- Bilateral IV arms
- IV access on the lower left leg
- Umbilical vein and arteries support catheterization and infusion
- Intraosseous access and infusion at right tibia
- Bilateral anterolateral thigh intramuscular injection sites

DIGESTIVE

- Interchangeable female and male genitalia
- Urinary catheterization
- Selectable bowel sounds

OTHER

- Navel insert post cord detachment
- Seizures/Convulsions
- Programmable muscle tone: bilateral or unilateral arm movement, reduced, and limp
- Temperature sensor placement detection

TURNKEY PACKAGE INCLUDES

- Tory™ Tetherless Patient Simulator
- Simulator Control PC preloaded with UNI® (Windows® Touchscreen Tablet PC)
- UNI® License including 12 scenarios
- RF Communications Module
- Battery charger/Power supply

- Receiving blanket, umbilical cords, tibia bone pack, replacement lower arms, BP cuff, IV filling kit
- Soft carrying case
- User Manual
- One-Year Limited Warranty
- Extended warranty plans available

Skin tones available at no extra charge

● Light ● Medium ● Dark

TORY™ PATIENT SIMULATOR

S2210

OPTIONS

20" ALL-IN-ONE TOUCHSCREEN VIRTUAL PATIENT MONITOR

S2210.001.R2

12" PORTABLE TOUCHSCREEN VIRTUAL PATIENT MONITOR

S2210.002

REAL CO₂ EXHALATION

S2210.078

AUTOMATIC OPERATING MODE

S2210.600

NEONATAL STABILIZATION SCENARIO PACKAGE AND GUIDEBOOK BASED ON THE S.T.A.B.L.E.™ PROGRAM CURRICULUM

CD100

REQUEST A QUOTE

14700 SW 136th Street
Miami, Florida 33196-5691

P.O. Box 140098
Coral Gables, Florida 33114-0098

Toll Free USA
Call 8:00 a.m.- 7:30 p.m. ET
Monday - Friday
800.882.6655

Worldwide
305.971.3790

Fax
305.252.0755
Twenty-four hours

Web Site
www.gaumard.com

Sales / Customer Service
sales@gaumard.com

ABOUT GAUMARD®

We are your direct source for health care education needs. Gaumard® is family owned and operated.

PLACE YOUR ORDER

By telephone, fax, or on-line at
www.gaumard.com

WE ACCEPT

VISA, MasterCard, American Express

WARRANTY

Gaumard products are covered by a one-year limited warranty. Terms and conditions apply. Please visit www.gaumard.com for details.

EXTENDED WARRANTY & TRAINING

Extended warranty plans and training are available.

TECHNICAL SUPPORT

Available 8:00 a.m. to 7:30 p.m. ET weekdays, or email us at support@gaumard.com
Phone: 786-478-3838

ON-LINE SUPPORT 24/7

Download articles, instructions, teaching tips. View instructional videos on demand.

REPAIR

Gaumard® offers repair services and parts. For more information visit www.gaumard.com



Gaumard®
Simulators for Health Care Education

© 2017 Gaumard Scientific. All rights reserved.
Patented; other patents pending.

MADE IN THE U.S.A.