



Newborn TORy[®] S2210

Wireless and Tetherless Neonate Simulator

- Lifelike appearance and physiology
- eCPR™ - CPR quality monitoring and trainer
- Fully responsive even while being carried
- Easy-to-use neonatal care training solution
- Simulate clinical cases in any setting
- Includes Neonatal Care Simulation Learning Experiences™ scenario package

Immediate care after delivery

Newborn 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.



Appearance, anatomy, and physiology

Newborn 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, and umbilical pulses



Heart, lung, and bowel sounds

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 one click while allowing participants to train continuity of care skills essential to improving response time and teamwork.



Comprehensive cardio-pulmonary physiology with feedback

TORY’s heart and breath sounds, chest rise, EtCO₂, and oxygen saturation 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 quality sensors



Neck hyperextension sensor



Heart and lung sounds



Hypoxia modeling

Real CO₂ Exhalation

TORY exhales real and measurable CO₂. Thus, he is 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.



Monitor respiration and EtCO₂ using native monitoring devices



Detect CO₂ exhalation using real devices

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 the return of spontaneous circulation (ROSC)



eCPR™ Real-time CPR quality feedback and smart trainer

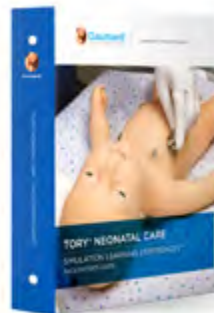
The eCPR™ interactive monitor and smart trainer allow educators to evaluate the effectiveness of ventilations and compressions in real-time. It also features verbal coaching cues and a comprehensive performance report for better training and better outcomes.



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

Visit us online Gaumard.com

Includes TORY® Neonatal Care Simulation Learning Experiences Scenario Package



The new TORY® Neonatal Care Simulation Learning Experiences (SLEs) provide 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 8 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
- Drug-Exposed Infant/ Neonatal Abstinence Syndrome
- Early-Onset Sepsis
- Late-Onset Sepsis
- Nuchal Cord
- Pneumonia
- Shoulder Dystocia

Toll-free USA & Canada 1.800.882.6655 | Worldwide 305.971.3790

Care and monitoring using real devices

With TORY, learners can use real devices to monitor heart rate, respiration, and EtCO₂. 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 and 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, wireless and tetherless control up to 300 feet away.



Wireless and tetherless operation

UNI® Unified Simulator Control Software

Powered by Microsoft® Surface Pro

Powerfully intuitive. Ready for use.

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

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 increasing 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 a 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.

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 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 and 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 mainstem 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

Newborn TORY®

S2210.PK 

Package contents

Newborn TORY® Tetherless Patient Simulator, Neonatal SLE™ courseware package, tablet PC preloaded with UNI® license including 8 scenarios, RF module, battery charger/power supply, accessories, and one-year warranty (extended warranty plans available). Patented; other patents pending.

Bedside virtual patient monitor

S2210.001.R2



Gaumard Vitals™ bedside virtual patient monitor. Simulates 20+ dynamic numerical parameters and waveforms.

Customizable interface.

Mobile virtual patient monitor

S2210.002



Portable Gaumard Vitals™ virtual patient monitor.

Simulates 20+ dynamic numerical parameters and waveforms. Customizable interface.

CARE IN MOTION™ MOBILE Video-assisted debriefing system

CIM.PK



Care In Motion Tablet PC, 3 Battery-powered HD wireless cameras, 3 adjustable camera grips, transport case, and one-year limited warranty (extended warranty plans available).

Real CO₂ exhalation regulator

S2210.078

Automatic operating mode

S2210.600

Neonatal Stabilization Scenario package based on The S.T.A.B.L.E.® Program

CD100

Request a quote

Sales / customer service
sales@gaumard.com

Website
www.gaumard.com

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

Worldwide
305.971.3790

About Gaumard®

Gaumard is family owned and operated, and is the direct source for your health care education needs.

Place your order

By telephone 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.

Technical support

Available 8:00 a.m. to 7:30 p.m. ET weekdays, or email us at support@gaumard.com
Phone: 305.971.3790

Online 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

Leadership Through Innovation®

Battery life estimates dependent on active features and settings; results may vary. Extended service plans, product installation, and training services are available. Product design and price subject to change without notice. Patented; other patents pending. All trademarks and/or copyright materials are the property of their respective owners. © 2019 Gaumard Scientific. All Rights Reserved. MADE IN USA. 11190006C

Distributed by Abacus dx

1800 ABACUS (AUS) 0800 222 170 (NZ) | info@abacusdx.com | www.abacusdx.com

abacus dx