



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

# VICTORIA<sup>®</sup> S2200

Maternal and Neonatal Birthing Simulator

Meet the most lifelike and versatile maternal patient simulator in the world, capable of simulating high risk low frequency deliveries, post-partum care emergencies, and non-gravid patient cases for OB/GYN and med-surg training.

# CARE IN MOTION

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Victoria's tetherless design is the true definition of a completely wireless patient simulator. All of Victoria's components are housed within the simulator itself, operating quietly and continuously. Gaumard pioneered this revolutionary concept in 2004 to give care providers the ability to perform true "Care in Motion" simulations.

Victoria includes our newest advances in tetherless technology. Her internal rechargeable battery and energy efficient technology allow for untethered and uninterrupted simulations that can last upwards of 8 hours. No other maternal and neonatal simulator comes close to providing this level of mobility and freedom.

Victoria is ready for simulation anywhere training needs to take place. Transport Victoria from the birthing suite to the operating room without interrupting the flow of simulation and learning. With Victoria, educators can implement simulations for triage, team training and team hand-on and improve performance in areas where mistakes often occur.

## HIGHLIGHTS

- Lifelike appearance and anatomical accuracy promotes faster suspension of disbelief
- Smooth full-body skin and seamless joints
- Truly tetherless, wireless, and self-contained; all system components are housed inside Victoria
- Fully operational in transit for care in motion and team training
- New lifelike eyes feature programmable eyelid and eye movement, automatic object tracking, and pupillary light reflex
- Births lifelike full-term baby of realistic weight, length, proportion, and joint articulation
- Supports real monitoring devices (EKG, AED, capnography, automatic BP, fetal monitoring, and pulse oximetry)
- Capable of exhaling measurable CO<sub>2</sub> for monitoring with real sensors and monitoring devices
- Designed for comprehensive shoulder dystocia protocols and postpartum hemorrhage algorithm scenarios
- Innovative birthing baby with programmable heart, lung, and crying sounds, cyanosis, and head movement
- McRoberts and suprapubic pressure detection and logging
- Includes wireless control tablet and patient/fetal monitor
- Easy to use UNI® simulator control software includes 45+ preprogrammed scenarios with lifetime license
- Maternal-fetal-newborn automatic software model, programmable drug syringes, and drug infusion recognition
- Internal rechargeable battery with 10hr battery life
- Optional nongravid abdomen (with 10 included scenarios) converts Victoria into a nonpregnant patient for general nursing and gynecology

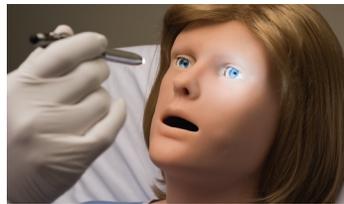
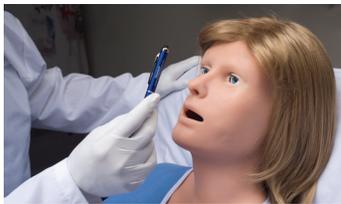


## LIFELIKE

Victoria® is a beautifully proportioned full-term mother. An incredibly smooth and supple innovative new skin covers her anatomically correct body from head to toe. Her lifelike appearance and human-like articulation allows care providers to suspend disbelief faster and care for Victoria® with uncompromising medical technique.

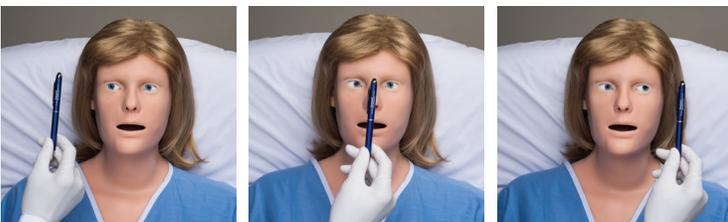
## INTERACTIVE EYES

Victoria's new eye movement and automatic tracking features can simulate impaired eye motion to illustrate stroke, head trauma, drug use, disease, cranial nerve impairment, and other eye diseases and conditions.



## FEATURES AND FUNCTIONS

- Accommodation test: automatic horizontal tracking and manual vertical tracking
- Strabismus: exotropia and esotropia
- Nystagmus: eyeball twitching
- Blepharospasm: eyelid twitching
- Ptosis: eyelid droop
- Realistic idle eye movement
- Independent pupillary light reflex
- Mydriasis: blown pupil
- Anisocoria: unequal pupil sizes
- Programmable blinking rate
- Consensual pupillary light reflex
- Real-time eye movement control via software joystick



## SUPPORTS REAL MONITORING DEVICES

Victoria supports the widest range of medical diagnostic equipment of any tetherless maternal and neonatal simulator, allowing participants to practice equipment setup, operation, and data interpretation.

- Fetal monitor
- ECG monitor
- Defibrillator
- Pulse oximeter
- Capnograph
- NIBP monitor



## FEATURES OVERVIEW

- Abdomen supports the placement of real ultrasound and toco transducers to monitor fetal activity in real time
- Fetal heart tone moves with fetal descent
- Palpate contractions manually
- Internal bladder with fluid reservoir for urinary catheterization exercises
- Perform Leopold and/or external cephalic version exercises
- Epidural needle placement detection
- Epidural site features a skin layer, a subcutaneous layer, connective tissue, and palpable lumbar vertebrae
- Maternal-fetal-newborn automatic model
- Drug recognition forearm sensors detect programmable drug syringes
- Rectal suppository and drug recognition
- Medications infused affect mother and fetal vital signs
- Preeclampsia and eclamptic presentation with mild and severe seizures
- C-Section delivery capability supports the use of real surgical instruments for cutting and suturing the abdominal and uterine walls
- 45+ preprogrammed scenarios with lifetime license included
- Simulate labor and delivery scenarios in real time or at an accelerated pace
- Precise labor scenario repeatability for competency based training and assessment
- Accurate relationship between the fetal presenting part and maternal ischial spines
- Software activated self-lubricating birth canal system ensures the birth canal and the fetus remain lubricated between simulations
- 5th generation whisper-quiet precision Fetal Delivery System simulates repeatable descent and cardinal movement

## LABOR AND DELIVERY

Victoria can simulate low and high risk deliveries with an endless variation of clinical presentations and she can do so with precise repeatability. The patented fetal delivery system, powerful control software and a library of pre-programmed scenarios combine to allow learners to resolve situations in a safe environment, improve performance in specific situations and gain valuable hands-on experience.



## LIFELIKE FULL-TERM ABDOMEN

Victoria's full-term abdomen has a smooth feel with lifelike roundness and firmness. Within her pregnant belly, the unborn fetus floats freely inside an amniotic sack, providing tactile feedback and resistance when performing Leopold's maneuvers or external version exercises.



## LABOR CONTRACTIONS

Victoria's abdomen realistically relaxes and firms with every contraction, allowing providers to palpate contractions during assessment. Attach a real fetal monitor directly to the abdomen to track the fetal heart rate and contraction frequency, intensity and duration.

## NORMAL DELIVERIES

Victoria's birth canal is anatomically correct, complete with a dilating cervix and pelvic landmarks. During delivery, the fetus dips, dawns, and rotates in a natural way. Care providers can assist the fetus during the delivery while the interaction is monitored directly from the software's 3D fetal animation.



## NORMAL LABOR AND BIRTH

- Lifelike birthing mechanics and cardinal movements
- Programmable intrapartum bleeding
- Realistic cervical dilation
- Sensors monitor force applied to fetal head
- Lifelike placenta allows for placenta previa, retained placenta, and retained fragments simulation
- Umbilical cord supports clamping and cutting



## PLACENTA & UMBILICAL CORD

Victoria's realistic placenta and umbilical cord allow for the simulation of various complications:

- Nuchal cord
- Placenta previa
- Cord prolapse
- Retained fragments

## PRECISION DELIVERY EVERY TIME

The patented fetus delivery system allows Victoria to simulate the natural movement of the fetus during childbirth with unmatched fidelity. It is ultra-precise, whisper-quiet and smooth. The fetus realistically rotates, dips, and dawns on delivery with natural grace.



The birthing system is remotely controlled via the powerful yet intuitive UNI® user interface. This seamless combination of software and hardware allows for the precise control of fetal movements to be in perfect synchrony with vital signs during delivery. UNI allows you to repeat and replay even the most complex scenarios so each team can be challenged in the same manner and each assessed objectively.



Amniotic fluid presents early in the delivery process to help lubricate the birth canal and the fetus as it passes through the birth canal.



Victoria's realistic articulation lets caregivers perform maneuvers such as McRoberts, "hands and knees", and more.

## SHOULDER DYSTOCIA

Victoria can present tell-tale signs of a shoulder dystocia complication, including the fetal head emerging and retracting (turtle sign), decrease in the fetal heart rate as seen on the fetal monitor, and delayed external rotation.



- Realistic retraction of the fetal head against the perineum
- Turtle signs are synchronized with contractions and fetal heart rate shown on the fetal monitor
- Suprapubic pressure detection and logging
- Simulate an obstruction at any point during the labor with precise repeatability
- Practice obstetrical maneuvers including Rubin, Wood's screw, arm sweeps, Lovset, or Zavanelli
- Hip-joint sensors detect and log leg angle

## BREECH DELIVERIES

Simulate a realistic breech birth to prepare care providers for low frequency, high-risk vaginal breech deliveries.



Victoria allows the practice of breech delivery management techniques:

- Pinard's
- Mauriceau
- Ritgen's
- Lovset

## OPERATIVE DELIVERIES

Victoria's fetus allows for the performance of assisted deliveries using real instruments such as vacuum-assisted delivery devices and forceps.



## C-SECTION DELIVERIES

Victoria's tetherless design, realistic anatomy, and presentation of symptoms allow C-section exercises. Victoria's C-section delivery capability supports the use of real surgical instruments for cutting and suturing the abdominal and uterine walls. The replaceable abdominal insert is multi-layered to simulate real skin and bleeds when cut.



## C-SECTION FEATURES

- Perform low transverse, low vertical, and classical incisions on replaceable multilayered abdominal inserts with simulated blood
  - » Subcutaneous Layer
  - » Fascia
  - » Rectus Muscle
  - » Peritoneum
- Realistic uterine wall can be cut and sutured with real equipment
- C-Section fetus can be covered in simulated blood, amniotic fluid, and meconium for realistic presentation after incision
- C-Section fetus can be positioned in different orientations to practice delivering the baby without twisting the head, neck, body, or limbs
- Use real instruments to suture the uterus, fascia, subcutaneous fat, and to staple or suture the skin

## POSTPARTUM HEMORRHAGE

Victoria features programmable bleeding. Her vital signs deteriorate over time in response to the selected blood loss, leading to the onset of shock. Such bleeding may be reduced through fundal massage, medication, or even the insertion and inflation of a balloon tamponade device.



## POSTPARTUM

- Postpartum abdomen with hemorrhaging uterus and 1 liter reservoir facilitate the transition between delivery and postpartum simulations
- Lifelike palpable fundus with programmable uterine contraction and shrinking
- Vital signs automatically deteriorate in response to postpartum blood loss
- Programmable uterine hemorrhage flow control
- Tactile realism during fundal massaging

## EPISIOTOMY REPAIR

Victoria includes three replaceable episiotomy modules which allow multiple surgical repairs using real surgical instruments.



- Midline episiotomy with peri-urethral tears
- Mediolateral episiotomy with tears to the labia minora
- Multi-layer fourth degree episiotomy with hemorrhaging vaginal sidewall tears and cervical lacerations

## ACTIVE BIRTHING BABY

Victoria's birthing baby is a beautifully proportioned, full-term baby with realistic size and weight, a soft and supple skin, and programmable vital signs. An endoskeleton provides human-like joint articulation and resistance when assisting the fetus during the delivery. These innovative features will provide your participants with the most realistic simulated childbirth experience yet.



## ACTIVE BIRTHING BABY FEATURES

- High-fidelity full-term baby with realistic size and weight
- Orientation sensors in the body report internal and external rotation and the position of the head relative to the body
- Anatomical landmarks include palpable fontanels and sutures
- Natural and graceful extension and rotation of the fetal head during birth
- Fully articulating fetal neck and limbs allow the practice of obstetrical maneuvers
- Smooth skin allows the use of vacuum devices or forceps
- Smooth full body skin with seamless joints
- Full-body endoskeleton provides postural support, range of motion and resistance
- Articulated spine, shoulder, elbow, hip, and knee joints with human-like range of motion allows practice of newborn assessment techniques
- Multiple heart sound types and programmable heart rate
- Multiple respiratory sounds and programmable respiratory rates
- Crying with adjustable volume levels
- Central cyanosis with programmable intensity levels
- Visible head movement
- Programmable conditions for 1-minute APGAR assessment
- Detachable umbilical cord can be configured to simulate cord complications

## VICTORIA® AND THE NEW SUPER TORY® S2220

Designed to look and feel just like Victoria's active birthing baby, Super Tory makes the transition between neonates perceptually seamless for the participants. Immerse learners in realistic transport, handoffs, NICU evac drills and more.

Super Tory is a standalone wireless and tetherless neonate designed to simulate complex pathologies and respond to intervention with unparalleled realism. Super Tory introduces a host of new features, including active limb motion, true ventilator support, monitorable vitals, and much more:

- Full term newborn: 8 lbs. 21 in.
- Wireless and tetherless: up to 8 hours
- Smooth and supple, full body skin
- Crying and grunting
- Programmable movement
- Blinking rate, eyes opened/closed
- Mouth: gasping and clenching
- Arm, leg, wrist flexion and extension
- Seizures: single limb, unilateral, or full body movement
- Dynamic lung compliance
- Heart and lung sounds and palpable pulses



# VICTORIA® S2200 | UNI® Simulator Control Software

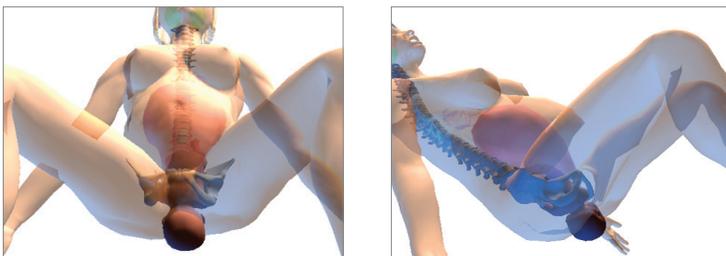
## UNI® POWERED BY MICROSOFT® SURFACE PRO

Powerful patient simulator control software offers the ease of use and capability required by even the most advanced simulation programs. The software is preinstalled on the wireless tablet PC included with Victoria. This lightweight tablet allows you to effortlessly control Victoria by the bedside, from a control center, or anywhere else up to 300 feet away.



## ACTIVE 3-D

Victoria is designed to capture a care provider's performance. Built-in sensors track the forces applied to the fetus and its position as it moves through the birth canal. The feedback information is displayed via an active 3D patient animation of Victoria and her fetus. Such animation can be recorded and viewed during debriefing.



## UNI® UNIFIED SIMULATOR CONTROL SOFTWARE

- Labor and delivery control screen with intuitive interface and options
- Patient and fetal monitor
- Active 3D patient animation
- Scenario editor and player
- Laboratory report generator
- Activity log
- Comprehensive library of more than 45 preprogrammed labor and delivery scenarios



## AUTOMATIC MODE

The Automatic Mode software engine features a maternal/fetal/newborn model which simulates the physiologic link between the mother, fetus and newborn. The software engine automatically adjusts the mother's and fetus' vital signs in response to medications, blood loss, and interaction by the care provider. It also allows you to wirelessly transfer the condition of the fetus to Super Tory® S2200, Tory® S2210, or Premie HAL® S3009 for a seamless transition into a full neonatal resuscitation scenario.



# VICTORIA® S2200 | Features and Specifications

## GENERAL

- Full-term mother
- Tetherless and wireless; fully responsive during transport
- Wireless Control at distances up to 300ft
- Internal rechargeable battery provides up to 10 hr. of tetherless operation
- Smooth and supple full-body skin with seamless articulating joints
- Lifelike joint articulation: neck, shoulder, elbow, wrist, hip, knee, and ankle
- Forearm pronation and supination
- NOELLE® Fetus-Newborn wireless link capability
- Touchscreen tablet PC preloaded with UNI® and lifetime license included
- High definition touchscreen all-in-one monitor preloaded with Virtual Monitor software and lifetime license included

## NEUROLOGIC RESPONSE

- Programmable blinking rate
- Programmable pupil response: reactivity to light, dilation time, consensual response, unilateral pupil response
- Programmable automatic tracking and eye movements including strabismus, exotropia and esotropia, nystagmus, blepharospasm, and ptosis
- Seizures with selectable intensity levels
- Be the voice of Victoria and engage in a realistic patient/provider dialogue during the simulation
- Listen to the care provider's response at distances up to 100 ft. away
- Record and playback vocal responses in any language

## AIRWAY

- Head tilt/chin lift/jaw thrust
- Oral or nasal intubation
- Programmable difficult airway: laryngospasm, tongue edema and pharyngeal swelling
- Sellick maneuver brings vocal cords into view
- Airway intubation depth detection, logging, and reporting
- Esophageal intubation
- Selectable upper airway sounds synchronized with breathing patterns
- Bag-Valve-Mask ventilation with visible chest rise

## BREATHING

- Automatic spontaneous breathing
- Selectable respiratory patterns synchronized with chest rise include normal breathing, Cheyne-Stokes, apnea, and more
- Selectable bilateral or unilateral anterior lung sounds synchronized with respiratory patterns include: wheezing, inspiratory squeaks, crackles, and more
- Programmable respiratory rates and inspiratory/expiratory ratios
- Realistic chest rise during assisted ventilation
- Ventilation performance real-time monitoring, reporting and logging
- Right mainstem intubation detection with automatic unilateral chest rise
- Real CO<sub>2</sub> Exhalation Ready: 10 programmable levels of real, measurable CO<sub>2</sub> exhalation (CO<sub>2</sub> Adapter Option S2200.078)

## CARDIAC

- Monitor compression and ventilation performance for maternal (CPR) training and performance assessment
- Compressions generate palpable pulses and ECG artifacts
- Select from an extensive library of preprogrammed heart rhythms with dysrhythmia options
- Real-time 4-Lead electrocardiogram monitoring using real ECG devices
- Defibrillate, cardiovert, or pace using real energy
- Defibrillation response, logging and reporting
- Realistic heart sounds
- Programmable heart rate synchronized with ECG and pulses, even during pacing
- Display virtual 12-lead dynamic ECG rhythms

## CIRCULATION

- Bilateral palpable carotid, radial, and brachial pulses are synchronized with heart rate and blood pressure
- Monitor oxygen saturation on the left index finger using a real oximeter and finger sensor
- Disable radial pulses
- Measure blood pressure using a real sphygmomanometer support for manual and automatic blood pressure cuffs
- Auscultate Korotkoff sounds between systolic and diastolic pressures
- Pulse strength is blood pressure dependent
- Bilateral venous access
- Automatic drug recognition system integrated into the lower right forearm detects medication type, dose, and rate
- Medications infused into the drug recognition arm trigger automatic vital sign changes which affect the mother and fetus
- SubQ and intramuscular injection sites for placement exercises

## GASTRO-INTESTINAL

- Selectable bowel sounds
- Internal fluid bladder with urethra for Foley catheterization exercises
- Rectum with suppository placement sensor

## ACTIVE BIRTHING BABY

- High fidelity full-term baby with realistic size and weight
- Orientation sensors in the body report internal and external rotation and the position of the head relative to the body
- Anatomical landmarks include palpable fontanels and sutures
- Natural and graceful extension and rotation of the fetal head during birth
- Fully articulating fetal neck and limbs allow the practice of obstetrical maneuvers
- Smooth skin allows the use of vacuum devices or forceps
- Smooth full body skin with seamless joints
- Full body endoskeleton provides postural support, range of motion and resistance
- Articulated spine, shoulder, elbow, hip, and knee joints with human like range of motion allows practice of newborn assessment techniques
- Multiple heart sound types and programmable heart rate
- Multiple respiratory sounds and programmable respiratory rates
- Crying with adjustable volume levels
- Central cyanosis with programmable intensity levels
- Visible head movement
- Programmable conditions for 1-minute APGAR assessment
- Detachable umbilical cord can be configured to simulate cord complications

## UNI® SOFTWARE

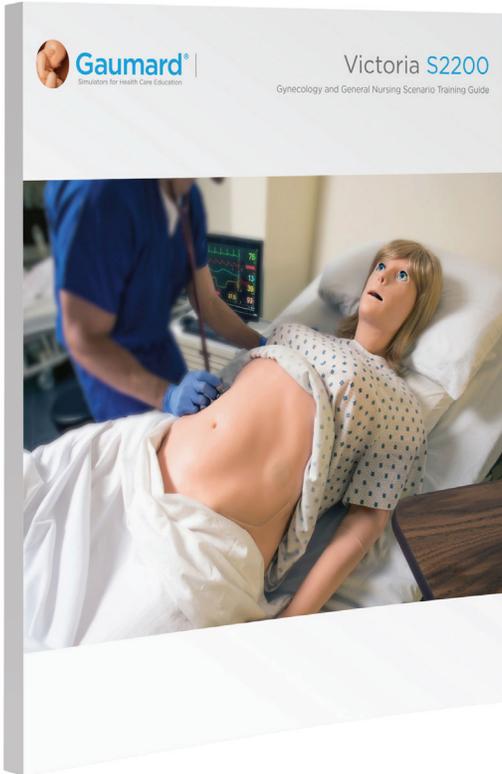
- Tablet PC preloaded with UNI® included
- Control Victoria using manual controls, programmed scenarios, or with assistance of the Automatic Mode
- 45+ preprogrammed scenarios with lifetime license and scenario player
- Easy-to-use scenario editor
- Maternal-fetal-newborn automatic model
- Track participant actions
- Generate lab tests and results
- Virtual patient monitor gives quick look at all simulator vitals
- Preprogrammed medication library with 50+ drugs and drug editor
- Questionnaire/form generator
- Follow the descent and rotations of the fetus through birth canal
- Monitor real-time traction applied to the fetal head
- Automatically detect and log suprapubic pressure
- Documents leg angles during McRoberts maneuvers



## VIRTUAL PATIENT/ FETAL MONITOR

- High definition touchscreen all-in-one monitor with lifetime software license
- Virtual Monitor receives maternal and fetal vital signs data wirelessly
- Interactive patient and fetal cardiocotograph touchscreen monitor included
- Display maternal and fetal vital signs simultaneously
- Customizable screen layout can mimic real diagnostic monitor interfaces
- Customizable vital sign parameter alarms
- Display images such as ultrasounds, CT scans, lab results for care providers to use during the simulation
- Display maternal vital signs and FHTs side by side
- Display up to 8 numeric parameters, 5 real-time waveforms in Manual operating mode, and 12 real-time waveforms in the Automatic operating mode.
- Cardiocotograph screen displays information in real time
- Uterine activity is synchronized with the mother's condition and the movement of the fetus during labor
- Audible heart tones simulate external fetal heart tones or an internal fetal scalp electrode
- Review up to 2 hrs of recorded fetal tracings
- Save/print fetal tracings for debriefing





## GYNECOLOGY AND NURSING SCENARIO-BASED TRAINING GUIDE

The optional GYN and Nursing package (S2200.234) includes a scenario library designed to expand your simulation program to cover all American Council of Graduate Medical Education (ACGME) competencies. Additionally, it includes a scenario-based training guide with case documentation, including full patient history, case parameters, and debriefing objectives, to help you increase the effectiveness of each exercise.

### NURSING AND GYN SCENARIOS

1. Placement of an Intrauterine Device (IUD)
2. Chronic Abdominal Pain Associated with Opioid Use
3. Sexual Assault
4. Potential Cervical Carcinoma
5. Pelvic Inflammatory Disease
6. Potential Ectopic Pregnancy
7. Laparoscopic Tubal Ligation
8. Hypoxia in the Post Anesthesia / Recovery Area
9. Cardiac Emergency in the Post Anesthesia / Recovery Area
10. Fire in the Surgical Suite



Interchangeable retroverted, anteverted, and IUD uteri



Normal and abnormal cervixes, including normal parous, polyp, cervical erosion, nabothian cyst, purulent cervicitis, and carcinoma.



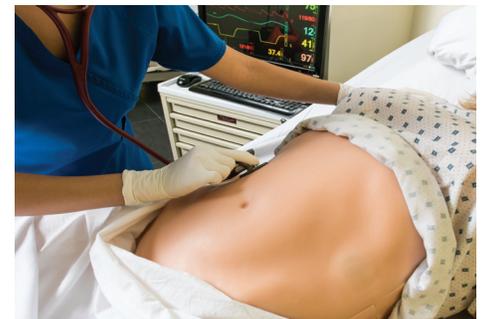
Transparent uterus for IUD placement and assessment



Palpable nonpregnant abdominal cover



Speculum examination



Programmable bowel sounds

## VICTORIA®

### S2200

Patented; other patents pending

Skin tones available at no extra charge

Light  Medium  Dark 

### VICTORIA®

- Active birthing baby
- Integrated automatic drug recognition
- 20 Programmable Drug Recognition Syringes with labels
- Wireless Simulator Control Tablet PC with rugged bump case
- UNI® Simulator Control Software with Lifetime License
- 45+ Preprogrammed scenarios with Lifetime License
- Automatic Mode control license
- Streaming voice headset
- Touchscreen vital signs monitor
- RF communications module
- USB wireless router
- Mother and baby battery chargers
- User guide and quick start guide
- Instructor and student training guides
- Palpation abdominal cover
- Contraction abdominal cover
- C-section abdominal cover
- Postpartum abdominal cover
- 2 umbilical cords
- 2 precut umbilical cords
- Placenta
- Epidural insert
- C-section baby
- 2 C-section abdominal skins
- 2 C-Section uterine walls
- Healthy PPH perineum
- Midline episiotomy suture trainer
- Mediolateral episiotomy suture trainer
- 4th degree episiotomy suture trainer
- 2 suppositories
- Artificial blood concentrate
- Mineral oil lubricant
- Hospital gown, baby head cap, receiving blanket and diaper
- Manual blood pressure cuff
- 2 baby delivery rings
- Birthing baby cradle
- Delivery rods
- Bladder, IV, and PPH filling kits
- NIBP calibration kit
- Antecubital vein replacement set
- Spare cervix and birth canal
- Birthing baby service cable
- 15 ft. RJ45 cable
- One-Year Limited Warranty
- Extended warranty plans available

## SUPER TORY® S2220



### S2220

Patented; other patents pending

Skin tones available at no extra charge

Light  Medium  Dark 

- Super Tory - Wireless and Tetherless Neonatal Patient Simulator
- Wireless Tablet PC with UNI®
- Accessories
- One-Year Limited Warranty

## TORY® S2210



### S2210

Patented; other patents pending

Skin tones available at no extra charge

Light  Medium  Dark 

- Tory - Wireless and Tetherless Neonatal Patient Simulator
- Wireless Tablet PC with UNI®
- Accessories
- One-Year Limited Warranty

## PREMIE HAL® S3009



### S3009

Patented; other patents pending

Skin tones available at no extra charge

Light  Medium  Dark 

- Premie HAL - Wireless and Tetherless Premature Neonate Simulator
- Wireless Tablet PC with UNI®
- Accessories
- One-Year Limited Warranty

## 12" MOBILE PATIENT MONITOR

### S2200.002

- Mobile patient monitor displays vital signs in real time
- Display numeric values and waveforms
- Customizable alarms and layout
- Display simulated ultrasounds, CT scans, lab results, x-rays

## MODIFIED PHILIPS® DEFIBRILLATION CABLE

### S2200.126

- Adapter cable to connect Phillips® defibrillator to Victoria defib site studs

## MODIFIED PHYSIO-CONTROL® DEFIBRILLATION CABLE

### S2200.127

- Adapter cable to connect PHYSIO-CONTROL® defibrillator to Victoria defib site studs

## MODIFIED ZOLL® DEFIBRILLATION CABLE

### S2200.128

- Adapter cable to connect ZOLL® defibrillator to Victoria defib site studs

## REAL CO<sub>2</sub> EXHALATION

### S2200.078

- Real and measurable EtCO<sub>2</sub>
- 10 programmable levels of CO<sub>2</sub> output
- Portable design allows continuous monitoring during transport

**NURSING AND GYNECOLOGIC PACK**

**S2200.234**

This versatile training package adds gynecologic and nursing capabilities to Victoria, the world's most advanced birthing simulator. Use Victoria as a nursing simulator and perform a "head-to-toe" assessment of your patient; or use the versatile GYN package to perform routine exams as may be performed by nurses pursuing a GYN specialty or by a physician intern or resident in training.

- "Head-to-toe" clinical assessments
- Inspection of the vulva and vagina
- Vaginal speculum examination permitting visual recognition of normal and abnormal cervixes
- Bimanual pelvic examination allowing palpation of the uterus IUD insertion and removal
- Tubal Occlusion
- Minilaparotomy
- Laparoscopy
- Uterine manipulation
- Suppository Placement
- Auscultation of bowel sounds in four quadrants

**INCLUDES**

- Abdominal cover simulating non-pregnant patient
- 10 General and high risk patient scenarios
- Scenario-based Training Guide
- Anteverted uterus
- Retroverted uterus
- Transparent anteverted Uterus for IUD placement
- 5 Normal cervixes with patent os
- 6 Non-patent cervixes including 1 normal parous and 5 abnormal cervixes
- Removable perineum with integral urethra, vagina, and rectum
- Interchangeable normal tubal fimbriae and ovaries for the anteverted and retroverted uteri
- Simulated round and ovarian ligaments

**CONSUMABLES AND REPLACEMENT ITEMS**

**FALLOPIAN TUBES**

**S2200.119**

Replacement fallopian tubes, set of 2

**OVARIES**

**S2200.118**

Replacement ovaries, set of 2

**NORMAL CERVIX**

**S2200.146.1**

Normal cervix with patent os, set of 5

**ABNORMAL SET OF 6 CERVIX**

**S2200.146.2**

Abnormal non-patent cervixes, including 1 normal parous and 5 abnormal cervixes

**ANTEVERTED UTERUS**

**S2200.110.1**

Anteverted uterus including round ligaments and detachable fallopian tubes and ovaries

**RETROVERTED UTERUS**

**S2200.110.2**

Retroverted uterus including round ligaments and detachable fallopian tubes and ovaries

**IUD UTERUS**

**S2200.110.3**

Transparent uterus for training of IUD placement, including fallopian tubes, ovaries, and round ligaments

**PERINEUM ASSEMBLY**

**S2200.117**

Perineum assembly including integrated vagina, rectum, and bladder

**DEEP VEIN THROMBOSIS LEG**



**S2200.101**

Skin tones available at no extra charge

Light  Medium  Dark

The Deep Vein Thrombosis (DVT) package for Victoria® features:

- A replaceable DVT left leg including edema, erythema, and palpable cordlike venous segments on the anterior and lateral leg
- Includes a preprogrammed drug library of anticoagulation regimens, including blood thinners, such as Heparin, unfractionated Heparin, low molecular weight Heparin, and Warfarin, and thrombolytics, such as Alteplase.
- Includes preprogrammed scenarios covering common causes of DVT such as inactivity, changes in veins post-surgery, injury to blood vessels, and familial tendency.
- Allows the training of sizing, applying, and maintaining of a graduated compression stocking

# VICTORIA® S2200 | *Maternal and Neonatal Birthing Simulator*

## 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  
24 hours

Website  
[www.gaumard.com](http://www.gaumard.com)

Sales / Customer Service  
[sales@gaumard.com](mailto:sales@gaumard.com)

## ABOUT GAUMARD®

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