



**Gaumard®**  
Simulators for Health Care Education



**NOELLE®**  
[www.gaumard.com](http://www.gaumard.com)

**NOELLE® S554.100**

Childbirth And Neonatal  
Resuscitation Patient Simulator



## A comprehensive obstetric care and neonatal resuscitation simulation solution.

The NOELLE® with Newborn Package is a value-packed, turnkey solution designed to help students and staff develop the skills to manage antepartum complications, routine and high-risk deliveries, and postpartum emergency scenarios, as well as neonatal resuscitation and stabilization.



### Shoulder dystocia

Lifelike shoulder dystocia presents fetal head retraction "turtle signs."



### Breech delivery

Practice vaginal breech deliveries and free the legs using Pinard maneuver.



### Assisted delivery

Practice assisted deliveries with vacuum extraction or forceps.



### Resuscitation neonate

Full-term intubatable newborn with pulses and cyanosis.



### Gaumard Vitals™ patient monitor

Communicates wirelessly with the laptop. Displays up to 8 values including HR, ABP, RR, CO<sub>2</sub>, SpO<sub>2</sub>, temperature, NIBP, and time.



### NOELLE and newborn eCPR™

Monitor and assess CPR quality in real-time. Export CPR training reports to complement CPR certification or to determine if additional training is required.



## Includes new Labor & Delivery Simulation Learning Experiences™ scenario package.

The new NOELLE Labor & Delivery Simulation Learning Experiences (SLEs) provide you with a library of ready-to-use, evidence-based scenarios designed to help you maximize participant learning through outcome-focused simulated clinical patient encounters. The package includes nine SLEs complete with a facilitator's guidebook for planning, setting up, and facilitating each learning experience:

- Amniotic Fluid Embolism
- Breech Vaginal Delivery
- Magnesium Toxicity
- Normal Vaginal Delivery
- Placental Abruption
- Postpartum Hemorrhage
- Preeclampsia
- Prolapsed Cord
- Shoulder Dystocia



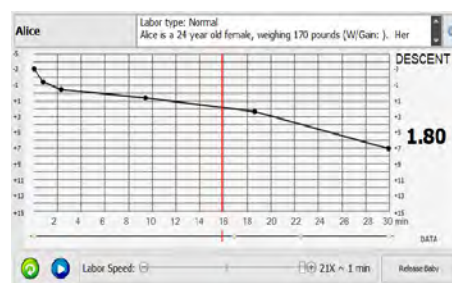
### Virtual perinatal monitor

Easy instructor access to the dynamic perinatal monitor right from the tablet PC.



### Precise scenario repeatability

Simulate repeatable deliveries for competency-based training and track skill improvement in critical situations.



### Customizable labor

Control labor variables such as labor duration, delivery position, contraction response, and much more.



### Placenta

Simulate cord and placenta complications and distress. Placenta features detachable fragments.



### Postpartum activity

Program PPH, perform a fundal massage, practice episiotomy repair, and insert and inflate a balloon tamponade device.

Spont. Abortions: 0, Elective Abortions: 0, Live Births: 0  
 She has been currently using no medications  
 Her medical records shows she has no previous medical history  
 Treatment history none  
 Other: Alice is a 24 year old female, weighing 170 pounds (W/Gain: 10 lbs)  
 :00) alice01: Respiratory Rate 21; EtCO2 40 mmHg  
 :00) alice02: Contraction Frequency 4 min; Cervix 10 cm  
 :00) alice03: Respiratory Rate 23; O2 Saturation 98%  
 :00) alice04: Heart Rate 70; Respiratory Rate 21

### Real-time feedback

Changes in condition and care provided are time-stamped and logged.

## Features

- Full-size NOELLE maternal and neonatal birthing simulator with eclampsia and hemorrhage capabilities
- Small footprint and mobile platform allows training on L&D and postpartum units
- Build team and technical competencies
- Preprogrammed speech
- eCPR™ Real-time feedback
- Includes maternal vital signs, fetal heart tones, and TOCO virtual monitor
- Fetal heart tones and neonatal vital signs monitor
- SLE scenario package
- Facilitator's Guidebook
- Set up and run OB simulations for normal labor and birth, variations on normal, shoulder dystocia, breech presentation, preeclampsia, cord prolapse, uterine rupture, peripartum hemorrhage, anaphylactoid syndrome of pregnancy, and preterm labor and birth
- Intubatable airway with chest rise
- IV arms for meds/fluids
- Removable stomach cover
- Programmable eclampsia w/seizures
- Precision delivery system
- Force and fetal shoulder position measured and graphed in real-time
- Programmable postpartum hemorrhage
- Birthing fetus with placentas and umbilical cords
- Bilateral radial pulses
- Normal, miosis (constricted), and mydriasis (blown) pupil states
- Independent left/right pupil states simulate consensual and nonconsensual response

### Resuscitation neonate

- Full-term intubatable newborn with cyanosis and pulses
- Chest compressions/ventilations are measured and logged
- Realistic heart and lung sounds
- Realistic crying

### UNI® laptop

- Preloaded with UNI simulator control software
- Use preprogrammed scenarios or run "on-the-fly"
- Create your own scenarios - add/edit
- eCPR Real-time feedback
- Changes in condition and care provided are time-stamped and logged
- Generate and share diagnostic lab results
- File sharing through vital signs monitor

### Gaumard Vitals™ virtual patient monitor

- Touchscreen All-in-One PC preloaded with Gaumard Vitals
- Display up to 8 vital parameters including HR, ABP, RR, CO<sub>2</sub>, SpO<sub>2</sub>, temperature, NIBP, and time
- Select up to 5 dynamic waveforms including ECG II, ABP, respiration, CO<sub>2</sub>, and pulse oximetry
- Monitors maternal and neonatal vital signs
- Perinatal monitor with programmable uterine activity and fetal heart rate

## NOELLE® S554.100

S554.100.PK

NOELLE S554.100 patient simulator, UNI laptop, wired communications module, Bluetooth communications module, resuscitation neonate, Gaumard Vitals patient monitor, and One-Year Limited Warranty. Extended service plans available. Skin tones available at no extra charge. Patented; other patents pending.



## Care in Motion™ Mobile

CIM.PK

Mobile Video-Assisted Debriefing system. Package includes: Care in Motion Tablet PC. 3 Battery-powered HD wireless cameras. 3 Adjustable camera grips. Transport case. One-Year Limited Warranty. Extended service plans available. Patented; other patents pending.

## Request a quote

[www.gaumard.com/quote](http://www.gaumard.com/quote)  
[sales@gaumard.com](mailto:sales@gaumard.com)  
 Toll-Free USA & Canada  
 1.800.882.6655  
 Worldwide 305.971.3790