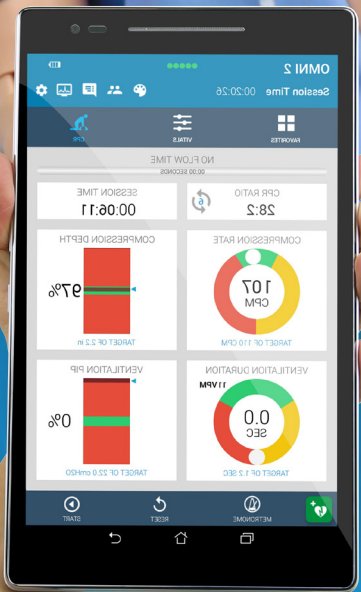




**Gauguard**<sup>®</sup>  
Simulators for Health Care Education



# NOELLE<sup>®</sup> WITH OMNI<sup>®</sup> 2

Birthing and Neonatal Resuscitation Training Simulator

S550.100.250

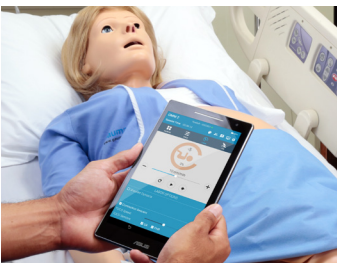
## IMPROVING MATERNAL SAFETY THROUGH SIMULATION-BASED TRAINING

NOELLE offers you an effective training solution for preparing students and professionals for the routine and emergency labor and delivery scenarios seen in the real world. By facilitating the rehearsal of true-to-life scenarios in a safe environment, NOELLE allows participants to improve skills in assessment, management, and teamwork.



## COMPLETE, READY-TO-USE, AND AN EXCEPTIONAL VALUE

The NOELLE S550.100.250 is a complete training package designed to make setup, implementation, and operation simple and easy. It includes everything you need to train including a NOELLE automatic birthing simulator, a resuscitation neonate, two OMNI2 control tablets, a virtual patient monitor, and training guidebooks.



### OMNI®2 WIRELESS TABLET

Touchscreen controls, feedback, and debriefing



### AUTOMATIC DELIVERY

Repeatable birthing scenarios with 1-touch operation



### PATIENT/FETAL MONITORING

Assessment, management, and documentation



### NEONATAL RESUSCITATION

Evaluate CPR quality in real time

## ADMISSION TO LABOR AND DELIVERY

Identifying patient risk factors quickly and prioritizing tasks effectively are critical skills that positively impact patient safety. NOELLE can help train a broad range of obstetric skills by simulating scenarios seen from admission and through postpartum care.



## OMNI®2 TABLET SIMPLE, INTUITIVE, AND WIRELESS

- Simple and intuitive - Touch interface and control elements are easy to learn and to use
- Wireless control - Freedom to control, monitor, and debrief from anywhere in the room
- Programmable vitals - Simulate clinical presentations to train assessment and management skills

## INITIAL EVALUATION AND CARE

- Patient monitoring - Train evaluation and interpretation of patient and fetal vital signs
- Leopold's and external cephalic version trainer - Optional abdomen offers realistic tactile feedback and resistance
- Lifelike birth canal and cervix - Evaluate status of labor including dilation, fetal station and presentation, and more



### REALISTIC ANATOMY

Features pelvic landmarks and dilating cervix



### SCENARIO GUIDEBOOKS

Include scenario case flow, debriefing notes, and more



### IV TRAINING

Supports bolus, infusion, and blood draw



### REAL-TIME eCPR™ FEEDBACK

Monitor compression and ventilation quality

## IMMERSIVE CHILDBIRTH SIMULATION

NOELLE allows multidisciplinary teams to rehearse low frequency, high-risk vaginal deliveries to improve technical skills, communication, and confidence.

## AUTOMATIC DELIVERY

With OMNI2 you can play, pause, and reset the delivery with just 1 touch. NOELLE's innovative automatic delivery technology makes it easy to run realistic and repeatable delivery scenarios to support competency-based training. Goodbye hand-powered deliveries and noisy compressors. OMNI2 offers the full delivery experience with just a few clicks.



## SHOULDER DYSTOCIA MANAGEMENT

- Automatic retraction of the fetal head
- Obstetrical maneuvers: Supra pubic pressure, McRoberts, Zavanelli, and more
- Automatically simulates fetal distress visible on fetal monitor



### DELIVERY CONTROLS

Labor speed, dystocia, uterine activity, and more



### DELIVERY MECHANISM

Repeatable fetal presentation and rotation



### FETAL MONITORING

Virtual CTG (TOCO) with dynamic FHR/UA tracing



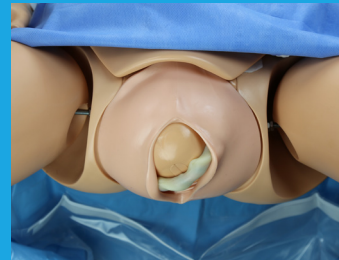
### PLACENTA AND CORD

Simulate placenta previa or retained fragments



### INSTRUMENT ASSISTED

Supports real vacuum devices and forceps



### CORD MANAGEMENT

Resolve nuchal cord, cord prolapse, and true knots



### BREECH DELIVERY

Simulate frank, complete, footling breech, and more



### CESAREAN SECTION

Train surgical and post-op care using real instruments

## NEONATAL RESUSCITATION TRAINING WITH PEDI® BLUE S320.100.250

NOELLE includes a standalone full-term neonate designed to help providers train airway management and resuscitation techniques effectively.

### AIRWAY MANAGEMENT

- Realistic airway with tongue, vocal cords, trachea, and esophagus
- Train oral or nasal intubation using ET tube, LMA, and NG tube
- Airway suctioning - Supports the suctioning and infusion of real fluids
- Realistic chest rise with BVM ventilation



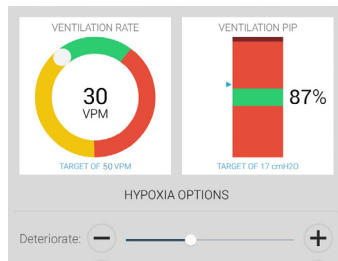
### RESUSCITATION TRAINING

- eCPR™ sensors - Improve CPR technique by monitoring performance in real-time
- Hypoxia modeling - Effective ventilations automatically return visible peripheral and central cyanosis to healthy skin color
- Virtual patient monitor features pre and post-ductal OSAT, BP, and glucose readings to aid decision making



#### UMBILICAL CATHETERIZATION

Arterial/venous access and palpable pulse



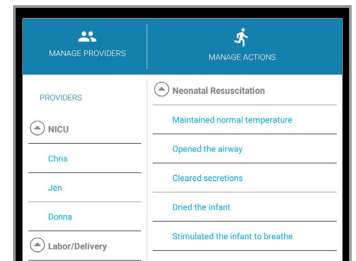
#### RESPIRATORY DISTRESS MODEL

Simulate respiratory distress with 1-touch



#### I/V AND I/O TRAINING

Available with IV sites for meds administration



#### ALGORITHM CHECKLIST

Track algorithm objectives for effective debriefing

## POSTPARTUM EMERGENCIES

Postpartum hemorrhage is a common and sometimes life-threatening obstetric emergency. Keys to success include quick identification of an emergency situation and developing a systematic plan of action. NOELLE offers your teams a hands on approach for training the identification, management and treatment of PPH.



## FUNDUS SKILLS

- Uterine atony - Lifelike uterus features adjustable muscle tone that simulates a boggy or contracted state
- Fundal massage prep and technique - Soft abdomen and uterus provides participants realistic tactile feedback
- Medication and fluid administration - Train infusion of uterotonic medications

## POSTPARTUM HEMORRHAGE MANAGEMENT

- Blood loss estimation exercises - Refillable 1000ml high-capacity blood reservoir simulates severe blood loss
- Intrauterine balloon placement - Realistic uterus supports balloon tamponade to manage bleeding
- Identify blood loss symptoms - Simulate increased heart rate, respiratory rate, lowered blood pressure and more, with optional virtual patient monitor



### ADJUSTABLE UTERINE TONE

Easily adjust muscle tone on-the-fly



### EXTERNAL BLOOD RESERVOIR

Easy refilling and post-exercise cleaning



### EPISIOTOMY TRAINERS

Train episiotomy repair using real instruments



### PATIENT VITALS

Simulate responses to medications on-the-fly

# NOELLE® with OMNI®2 | Feature Comparison

Noelle Features	\$550.100.250	\$550.250	\$551.250
Full-body pregnant female patient with articulated joints	●	●	●
OMNI 2 tablet	●	●	●
Wireless OMNI 2 connectivity	●	●	●
Nasal/oral intubation	●	●	●
Visible chest rise with bag valve mask ventilation	●	●	●
Supports multiple birthing positions	●	●	●
Realistic birth canal featuring dilating cervix and palpable pelvic landmarks	●	●	●
Automatic birthing system: cardinal movements, vertex, breech, dystocia, instrument assisted	●	●	●
Articulating birthing baby with palpable sutures and fontanelle	●	●	●
eCPR™ real-time feedback - Ventilation and chest compressions are measured and logged	●	●	●
IV training arm for bolus/infusion training	●	●	●
Carotid, brachial, and radial pulse (squeeze bulb)	●	●	●
Leopold maneuvers	●	●	●
Programmable fetal heart rate	●	●	●
Placenta with removable fragments and umbilical cord	●	●	●
Postpartum uterus with patent cervix and adjustable uterine tone (squeeze bulb)	●	●	●
Postpartum hemorrhage with 1 Liter reservoir	●	●	●
Two vulva for postpartum suture trainers	●	●	●
NOELLE® Scenario Instructor/Student training guide	●	●	●
<b>Resuscitation Neonate Features</b>			
Full-term neonate with articulated joints	●	●	–
Wireless OMNI 2 connectivity	●	–	–
OMNI 2 tablet	●	–	–
Nasal/oral intubation	●	●	–
Nasogastric intubation	●	●	–
Programmable central and peripheral cyanosis	●	–	–
eCPR™ Real-time feedback - Ventilation and chest compressions are measured and logged	●	–	–
Visible chest rise with bag valve mask ventilation	●	●	–
IV training arm, intraosseous infusion, palpable pulses (squeeze bulb)	○	–	–
Catheterizable umbilical cord with palpable pulse	●	●	–
<b>Accessories</b>			
Virtual Patient Monitor	●	○	○
Palpation/Leopold/Version abdominal cover	○	○	○
Cesarean abdominal cover	○	○	○
Workbook of OB/GYN simulation	○	○	○

● Standard ○ Optional

## OMNI2 WIRELESS TABLET

- Program over 35 vital sign parameters including: HR, ECG, RR, BP, O<sub>2</sub>SAT, ET<sub>CO</sub><sub>2</sub>, pulses, and more
- Virtual patient monitor wireless link
- Comprehensive ECG library
- eCPR™ Real-time CPR quality feedback and smart trainer
- Automatic delivery controls: pause, resume, descent speed, reset
- Shoulder dystocia controls
- Fetal monitor controls:
  - Fetal heart rate baseline, variability, and accel/decels
  - Contraction frequency, duration, intensity, and resting tone
  - Coupling, variability, spontaneous changes
- Neonatal respiratory distress modeling
- Neonatal resuscitation trainer

## VIRTUAL PATIENT MONITOR

- Touchscreen interface
- Customizable layout can mimic standard patient monitors
- Customizable high/low alarms
- Displays numerical parameters and waveforms including: HR, ECG, RR, BP, O<sub>2</sub>SAT, ET<sub>CO</sub><sub>2</sub>
- Simulated fetal monitor: FHR and TOCO strip
- EFM and FSE heart tones
- Trace history w/ print capability
- Wireless link to OMNI2

**NOELLE WITH PEDI BLUE  
NEONATE AND OMNI 2  
S550.100.250**



- NOELLE simulator with OMNI 2 Tablet, automatic birthing system, birth canal, placenta, umbilical cords, lubricant, delivery fetus, abdominal cover, 48-hour uterus, blood kit, episiotomy kit, user guide, power supply, vein set, carrying bag.
- PEDI® Blue (S320.100.250), OMNI2 Tablet, accessories
- Virtual Patient Monitor
- 1-Year limited warranty

**NOELLE® WITH NEONATAL CARE  
TRAINER AND OMNI 2  
S550.250**



- NOELLE simulator with OMNI 2 Tablet, automatic birthing system, birth canal, placenta, umbilical cords, lubricant, delivery fetus, abdominal cover, 48-hour uterus, blood kit, episiotomy kit, user guide, power supply, vein set, carrying bag.
- Full-body Neonatal care trainer (S550.977), accessories
- 1-Year limited warranty

**NOELLE® WITH OMNI 2  
S551.250**



- NOELLE simulator with OMNI 2 Tablet, automatic birthing system, birth canal, placenta, umbilical cords, lubricant, birthing fetus, abdominal cover, 48-hour uterus, blood kit, episiotomy kit, user guide, power supply, vein set, carrying bag.
- 1-Year limited warranty

Skin tones available

Light Medium Dark

**ACCESSORIES AND OPTIONS**



**VIRTUAL PATIENT MONITOR**

S550.250.001.R2

Customizable patient monitor displays patient vital signs and fetal monitoring in real-time

**IV TRAINING ARM FOR  
PEDI BLUE S320.100.250**

S320.100.250.803R.IV

- Right arm IV access
- Manual brachial and radial pulse



**PALPATION ABDOMINAL COVER**

S550.250.009.R2

Lifelike abdomen featuring neonate inside an amniotic sac for training Leopold and version exercises

**I/O LEG FOR  
PEDI BLUE S320.100.250**

S320.100.250.702R

- Right leg tibia I/O access
- Right leg femoral pulse
- Left leg tibial and popliteal pulse



**CESAREAN ABDOMINAL COVER**

S550.250.007.R4

Abdomen featuring soft skin insert for training cesarean deliveries using real surgical instruments

**REQUEST A QUOTE**

Toll Free USA + Canada: 800.882.6655  
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