

# NOELLE® S550.100.250 with OMNI® 2 | Simulation-Based Obstetric Training

### 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 OMNI 2 control tablets, a virtual patient monitor, and training guidebook.



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

# NOELLE® S550.100.250 with OMNI® 2 | Childbirth

#### NEW NOELLE LABOR & DELIVERY SIMULATION LEARNING EXPERIENCES 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's

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:

- · Preeclampsia

· Magnesium Toxicity

- · Prolapsed Cord
- Postpartum Hemorrhage
- Shoulder Dystocia

# IMMERSIVE CHILDBIRTH SIMULATION

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

### AUTOMATIC DELIVERY

NOELLE's automatic delivery system makes it easy to run realistic and repeatable delivery scenarios to support competencybased training. With OMNI 2 you can play, pause, and reset the delivery with just 1 touch.

### SHOULDER DYSTOCIA MANAGEMENT

- · Automatic retraction of the fetal head
- Obstetrical maneuvers: Suprapubic 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

# NOELLE® S550.100.250 with OMNI® 2 | Neonatal and PPH Emergencies

# NEONATAL RESUSCITATION TRAINING WITH PEDI® BLUE \$320,100,250

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

- Realistic airway featuring anatomically accurate landmarks
- Oral or nasal intubation
- · Realistic chest rise with BVM ventilation
- · Real-time CPR monitoring
- Effective ventilation returns visible cyanosis to healthy skin color
- · Virtual patient monitor support



AIRWAY MANAGEMENT

Supports nasal/oral intubation and fluid suctioning



REAL-TIME CPR FEEDBACK

CPR quality monitoring and performance reports



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

Use a hands-on approach when training how to identify, manage, and treat PPH.

- Fundal massage prep and technique
- Adjustable uterine muscle tone
- Blood loss estimation: Refillable 1000ml blood reservoir.
- · Intrauterine balloon placement



**FUNDAL MASSAGE** 

Practice palpation and fundal massage



PATIENT VITALS

Simulate responses to medications on-the-fly



UTERINE TONE

Easily adjust muscle tone on-the-fly



INTRAUTERINE BALLOON

Supports placement of intrauterine balloon



EXTERNAL BLOOD RESERVOIR

Easy refilling and postexercise cleaning



EPISIOTOMY REPAIR

Train episiotomy repair using real instruments Fastures

# NOELLE® S550.100.250 with OMNI® 2 | Comparison

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 babby with palpable sutures and fontanelle  eCPR™ real-time feedback - Ventilation and chest compressions are measured and logged  If 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 uterus with patent cervix and adjustable uterine tone (squeeze bulb)  Postpartum hemorrhage with 1 Liter reservoir  Two vulves for postpartum sutruer trainers  Labor and Delivery Simulation Learning Experience™ Facilitator's Guide  Resuscitation Neonate Features  Full-term neonate with articulated joints  Wireless OMNI 2 connectivity  ¬———————————————————————————————————	Features	S550.100.250.PK	\$550,250,PK	S551.250.PK
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Workbook of OB/GYN simulation o o	Cesarean abdominal cover	0	0	0
	Workbook of OB/GYN simulation	0	0	0

Standard, O-Optional

### **OMNI 2 WIRELESS TABLET**

- Program over 35 vital sign parameters including HR, ECG, RR, BP, O2SAT, EtCO2, pulses, and more
- Virtual patient monitor wireless link
- Comprehensive ECG library
- eCPR™ CPR real-time effectiveness monitoring 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

\$550 100 250 DK \$550 250 DK \$551 250 DK

- · 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, EtCO<sub>2</sub>
- · FHR and TOCO strip
- EFM and FSE heart tones
- · Trace history w/ print capability

# NOELLE® \$550.100.250 with OMNI® 2 | Models and Options

### NOELLE WITH PEDI BLUE NEONATE AND OMNI® 2



### S550.100.250.PK

Patented; other patents pending

- 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.
- · 9 Labor and Delivery SLEs
- · Facilitator's Guidebook
- PEDI® Blue OMNI 2 Tablet, accessories
- · Virtual Patient Monitor
- 1-Year limited warranty

### **NOELLE MATERNAL** AND NEONATAL CARE TRAINER WITH OMNI 2



### S550.250.PK

Patented; other patents pending

- 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.
- · 9 Labor and Delivery SLEs
- · Facilitator's Guidebook
- · Full-body Neonatal care trainer accessories
- 1-Year limited warranty

### **NOELLE WITH OMNI 2**



#### S551.250.PK

Patented; other patents pending

- 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.
- · 9 Labor and Delivery SLEs
- · Facilitator's Guidebook
- · 1-Year limited warranty

### ACCESSORIES AND OPTIONS

### BEDSIDE VIRTUAL MONITOR



### S550.250.001.R2

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

# PALPATION ABDOMINAL COVER



#### S550.250.009.R2

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

# CESAREAN ABDOMINAL COVER



#### S550.250.007.R2



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