



NOELLE® S550.100.250

Birthing and Neonatal Resuscitation Training Simulator

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:

- Amniotic Fluid Embolism
- Breech Vaginal Delivery
- Magnesium Toxicity
- Normal Vaginal Delivery
- Placental Abruption
- Postpartum Hemorrhage
- Preeclampsia
- Prolapsed Cord
- 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 competency-based 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 | Comparison

Features	S550.100.250.PK	S550.250.PK	S551.250.PK
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 vulvae for postpartum suture trainers	●	●	●
Labor and Delivery Simulation Learning Experience™ Facilitator's Guide	●	●	●
Resuscitation Neonate Features			
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	●	●	-
Accessories			
Virtual Patient Monitor	●	○	○
Palpation/Leopold/Version abdominal cover	○	○	○
Cesarean abdominal cover	○	○	○
Workbook of OB/GYN simulation	○	○	○

● Standard, ○-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

- Touchscreen interface
- Customizable layout can mimic standard patient monitors
- Customizable high/low alarms
- Displays numerical parameters and waveforms including HR, ECG, RR, BP, O2SAT, EtCO2
- FHR and TOCO strip
- EFM and FSE heart tones
- Trace history w/ print capability

NOELLE® S550.100.250 with OMNI® 2 | Models and Options

NOELLE WITH PEDI BLUE NEONATE AND OMNI® 2



S550.100.250.PK

Skin tones available at no extra charge ● ● ●
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

Skin tones available at no extra charge ● ● ●
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

Skin tones available at no extra charge ● ● ●
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

Skin tones available at no extra charge ● ● ●
Lifelike abdomen featuring neonate inside an amniotic sac for training Leopold and version exercises

CESAREAN ABDOMINAL COVER



S550.250.007.R2

Skin tones available at no extra charge ● ● ●
Abdomen featuring soft skin insert for training cesarean deliveries using real surgical instruments