

NOELLE - Birthing simulator with neonate - OMNI2

PRODUCT NUMBER: 1230



DESCRIPTION:

The **NOELLE** is a complete simulation-based training for obstetrics exercises designed to make setting up and running scenarios 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, a Labor & Delivery Simulation Learning Experience™ Courseware package, and accessories.

SKILLS:

- Fetal palpation
- Vaginal and cesarean delivery
- Breech delivery

MORE THAN SIMULATORS S.L.

Calle de la Hoya, 4 2º
44570 Calanda (Teruel)
Spain

CONTACTO

sales@morethansimulators.com
(+34) 936 06 77 05 / (+351) 21 123 85 18
<https://morethansimulators.com>



- Assisted delivery (vacuum or forceps)
- Obstetrics emergencies management: shoulder dystocia, cord prolapse, placenta previa, etc)
- Postpartum hemorrhage management
- Fundal massage
- Leopold maneuvers
- Episiotomy repair training
- Airway management
- Nasal and oral intubation
- Resuscitation skills (CPR)
- BVM ventilation
- Palpation of pulses
- IV training skills
- Intramuscular and subcutaneous injection exercises
- Ear canal diagnosis
- Administration of orbital medicines
- Removal of foreign bodies in the eye
- Eye irrigation
- Bathing exercises
- Bandaging

CASES AND PATHOLOGIES:

PRE-LOADED SCENARIOS:

- The new **NOELLE Labor & Delivery Simulation Learning Experiences (SLEs) package** provides you with a library of ready-to-use, evidence-based scenarios designed to help you maximize participant learning. The package also includes a facilitator's guidebook for planning, setting up, and running each learning experience.
- Amniotic Fluid Embolism
- Breech Vaginal Delivery
- Magnesium Toxicity
- Normal Vaginal Delivery
- Placental Abruption
- Postpartum Hemorrhage
- Preeclampsia
- Prolapsed Cord
- Shoulder Dystocia

SHOULDER DYSTOCIA MANAGEMENT:

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- Visible retraction of the fetal head – Train to recognize signs of shoulder dystocia and fetal distress.
- Obstetrical maneuvers – Supports suprapubic pressure, McRoberts, Zavanelli and more.
- Fetal distress modeling – Automatically simulates realistic responses to fetal distress visible on fetal monitor.

CHARACTERISTICS:

NOELLE MATERNAL SIMULATOR:

- Full-body patient simulator
- OMNI 2 wireless tablet control
- Labor & Delivery Simulation Learning Experience™ Courseware package
- Articulated neck, jaw, arms, and legs
- Eyes open and close manually
- Visible vocal cords
- Head-tilt, chin-lift, and jaw-thrust
- Oral/Nasal Intubation (ETT/LMA)
- Esophageal intubation
- Visible chest rise with BVM ventilation
- Ventilations are measured and logged
- IV training arm
- Anterolateral thigh IM Sites
- eCPR™ – Real-time CPR effectiveness sensors
- Bilateral carotid, radial and brachial pulses (Manual)

PEDI BLUE NEONATAL SIMULATOR:

- Full-term neonate
- Wireless OMNI 2 control
- Nasal/oral intubation
- Programmable central and peripheral cyanosis
- eCPR™ – Real-time CPR effectiveness sensors
- Visible chest rise with bag valve mask ventilation
- IV training arm (Option)
- Umbilical pulse
- Catheterizable umbilical cord
- Nasogastric intubation
- LABOR AND DELIVERY:
- Multiple Birthing Positions
- Leopold and external cephalic version training
- Virtual fetal monitoring: TOCO and FHR (Optional)
- Pelvic Landmarks
- Realistic cervical dilation

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- Programmable fetal heart tones
- Precision delivery system
- Programmable labor speed
- Computer controlled fetal descent
- Cephalic deliveries – Vacuum – Forceps
- Shoulder dystocia deliveries: Visible fetal head retraction – Suprapubic pressure, McRoberts, Zavanelli
- Breech delivery – Frank, complete, footling – Loveset maneuver, Mauriceau–Smellie–Veit
- Cesarean delivery
- Realistic placenta with detachable fragments
- Umbilical cord supports clamping and cutting
- Simulate nuchal cord, cord prolapse, and true knots

POSTPARTUM CARE:

- Replaceable episiotomy training inserts
- Palpable fundus
- Adjustable uterine muscle tone for fundal massage training (Boggy/Tonic)
- Postpartum bleeding
- Includes blood tank reservoir
- Supports balloon tamponade

INCLUDE:

- 1 NOELLE Maternal and birthing simulators
- 1 Abdomen cover with speaker attached
- 1 Articulating birthing fetus
- 1 Automatic birthing mechanism
- 1 Postpartum (48 hour) uterine assembly
- 1 Cervix holder
- 1 Inflatable cushion for Leopold Maneuvers
- 1 Postpartum hemorrhage kit
- 1 Postpartum perineum insert
- 3 Vulva insert for episiotomy repair
- 2 Dilating cervices
- 2 Fully dilated vulva
- 2 Mechanical adaptors
- 2 Placentas with detachable fragments
- 2 Umbilical cords
- 1 Umbilical clamps
- 1 Silicone lubricant
- 1 Talcum powder

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More Than Simulators™
Excellence. Every patient. Every time.

- 1 Power supply adapter
- 1 Carrying bag for neonate
- 1 Instructions manual



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