



**Laerdal**<sup>®</sup>

helping save lives



Providing realistic and affordable training in maternal and newborn care

# MamaNatalie<sup>™</sup> Birthing Simulator

including NeoNatalie<sup>®</sup> Newborn Simulator



[www.laerdal.com/mamanatalie](http://www.laerdal.com/mamanatalie)

## MamaNatalie™ birthing simulator

*- and her newborn baby, NeoNatalie®, will help introduce simulation into your educational programs. User friendly realism of the simulators and engaging role plays will make the learning sessions efficient and unforgettable for learners and facilitators alike.*

**Realistic training to control postpartum hemorrhage** - A leading cause of maternal death, MamaNatalie allows you to simulate bleeding up to 1.5 liters and easily manipulate the condition of the uterus (from boggy to well contracted and any condition in between) in response to the student's actions.

**Highly affordable, portable and easy to use** - MamaNatalie offers flexibility at a reasonable cost. MamaNatalie is excellent for training in a variety of educational and healthcare environments including community-based or mobile training, In-Situ or team training in clinical rotations.

**Improving communication skills** - Worn by the instructor, the MamaNatalie birthing simulator is unique in its ability to facilitate the development of interactive communication skills to assess, interpret and prompt correct treatment.

### MamaNatalie supports learning objectives:

- Simulated fetal heart sounds
- Fetal positioning - normal and abnormal birth positions
- Interventions for: shoulder dystocia, eclampsia
- Instrument delivery, cord prolapse
- Urine catheterization
- Postpartum care: fundal assessment and care, bimanual massage for atonic/boggy uterus
- Delivery of placenta (complete or partial)
- Postpartum hemorrhage: both intensity of bleeding and volume
- Medication therapy

The simulator is worn by the instructor or student who manually controls:

- Birthing process
- Fetal heart sounds
- Delivery of placenta
- Fetal positioning
- Uterine firmness
- Intensity of bleeding and volume of blood loss





*NeoNatalie supports learning objectives:*

**Airway Features:**

Positioning the newborn to simulate opening the airway via head tilt. Positive Pressure Ventilation  
Orogastric tube insertion

**Breathing Features:**

Visible chest rise with proper inflation

**Cardiac Features:**

Manual chest compression at appropriate depth and force for correct skills practice

**Circulation Features:**

Simulated umbilical pulse

*MamaNatalie has unique features for communication training and training control of postpartum hemorrhage*



Fetal heart rate monitoring



Urine bladder catheterization



Breech delivery



Vacuum delivery



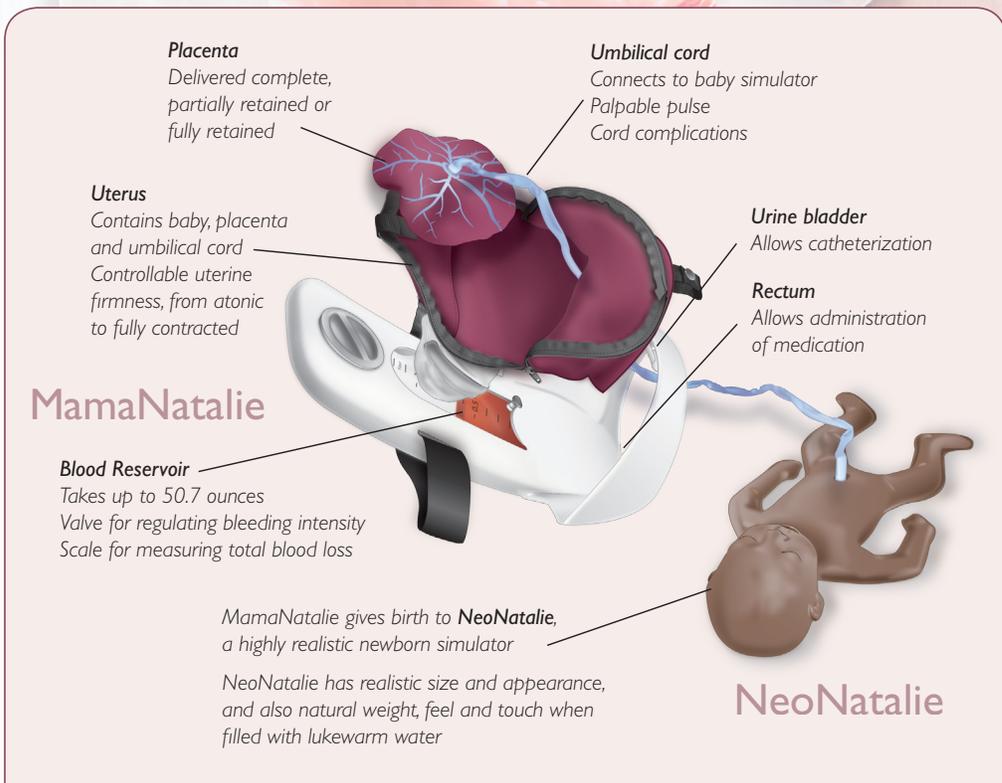
Oxytocin injection



Controlled cord traction



Incomplete placenta





### ORDER INFORMATION

MamaNatalie comes with NeoNatalie newborn simulator in either dark or light skin tone.  
The MamaNatalie Complete model comprises:

#### MamaNatalie™ Birthing Simulator

- Placenta w/umbilical cord
- Blood concentrate
- NeoNatalie suction
- 2 pairs of latex-free gloves
- Fetal stethoscope
- Fluid collection tray
- Fluid drain
- Urine catheter
- 20ml syringe
- NeoNatalie skull w/fontanelles
- Backpack
- Directions for use

#### NeoNatalie® Newborn Simulator

- Squeeze bulbs for simulation of birth cries, spontaneous breathing, palpable umbilical pulse and auscultation of heart sounds
- External umbilical cord and 2 umbilical ties
- Sheets to simulate towels
- Head cap
- Storage/carrying pouch
- Directions for use



MamaNatalie comes with a bag for convenient transport

Cat. no.	Title	Includes
340-00233	MamaNatalie Complete (dark)	Includes NeoNatalie newborn simulator with brown complexion
340-00333	MamaNatalie Complete (light)	Includes NeoNatalie newborn simulator with white complexion

# Buy One Gift One

Mira (20) and Shifa survived a severe birth complication thanks to the presence of a well-trained birth attendant



350,000 mothers and nearly 2 million babies die each year during birth. 99 % of these deaths occur in developing countries.

For every MamaNatalie purchased through 2012, Laerdal will donate an additional MamaNatalie to global health programs in developing countries.

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www.laerdal.com