MamaNatalie
Realistic and affordable training in maternal and newborn care

Appropriately skilled, birth attendants could save 800 of the 1,000 maternal deaths that occur every day.


www.laerdalglobalhealth.com
MamaNatalie has been developed in response to the IJGO Evidence-for-Action call for "significantly lower cost, durable, easy-to-disassemble-and-sanitize high-fidelity mannequins with culturally appropriate features".

The simulator is particularly realistic for training control of postpartum hemorrhage - the number one cause of maternal death during childbirth - and communication with the mother.

Fetal heart rate monitoring
Urine bladder catheterization
Breech delivery
Vacuum delivery

Placenta (complete, retained, fully retained) and umbilical cord (normal or complications related to cord prolapse). Connects to NeoNatalie.

Uterus contains NeoNatalie, placenta and umbilical cord. Post-delivery contraction can be simulated by instructor.

Uterus contraction (from atonic to contracted) can easily be simulated by the instructor by squeezing the bag.

A big opening to the blood compartment allows easy filling/refilling of blood.

Blood compartment contains up to 1.5 liters of blood. Amount and nature of bleeding is easily controlled by opening/closing a valve. Scale allows measurement of how much blood has been lost during a training scenario, which can be compared to the student’s estimate of blood loss.

MamaNatalie is a birthing simulator that allows the instructor to create very compelling simulations of normal to more complex birthing scenarios. It is strapped onto the instructor, who manually controls the amount of bleeding and condition of the uterus to set the scenario and respond to the student’s performance. The instructor can also control dilation of the cervix, position and delivery of the baby, delivery of the placenta, and fetal heart sounds.

MamaNatalie gives birth to NeoNatalie, a highly realistic newborn simulator.

NeoNatalie facilitates effective learning of standard newborn resuscitation measures. It has realistic size and appearance, and also natural weight, feel and touch when filled with lukewarm water.
MamaNatalie is available in two models and with NeoNatalie Newborn Simulator in either dark or light complexion:

**Basic Model**

For users who already have a NeoNatalie Newborn Simulator. Two versions available with accessories compatible with a NeoNatalie with either a dark or light complexion.

- MamaNatalie Birthing Simulator
- Placenta w/umbilical cord
- Blood concentrate
- NeoNatalie Suction
- 2 pairs of gloves
- Pinard stethoscope
- Blood collection tray
- Urine cathether
- Kit to make NeoNatalie Newborn Simulator compatible with MamaNatalie comprising:
  - Skull with fontanelles
  - Chest skin w/umbilical connector
- Directions for use
- Transport/storage bag

**Complete Model**

Comprises items as for Basic Model plus:
- NeoNatalie Newborn Simulator with either dark or light complexion
- Simulation squeeze bulbs w/tubing and connectors
- Umbilical cord with connector and two ties
- Two sheets to simulate towels
- Head cap
- Directions for use
- Transport/storage bag

<table>
<thead>
<tr>
<th>Cat. no.</th>
<th>Title</th>
<th>Includes</th>
</tr>
</thead>
<tbody>
<tr>
<td>LGH-340-00033</td>
<td>MamaNatalie Basic (dark)</td>
<td>MamaNatalie Birthing Simulator w/standard accessories (compatible with a NeoNatalie Newborn Simulator in dark complexion)</td>
</tr>
<tr>
<td>LGH-340-00133</td>
<td>MamaNatalie Basic (light)</td>
<td>MamaNatalie Birthing Simulator w/standard accessories (compatible with a NeoNatalie Newborn Simulator in light complexion)</td>
</tr>
<tr>
<td>LGH-340-00233</td>
<td>MamaNatalie Complete (dark)</td>
<td>MamaNatalie Birthing Simulator w/standard accessories and NeoNatalie Newborn Simulator kit (dark complexion)</td>
</tr>
<tr>
<td>LGH-340-00333</td>
<td>MamaNatalie Complete (light)</td>
<td>MamaNatalie Birthing Simulator w/standard accessories and NeoNatalie Newborn Simulator kit (light complexion)</td>
</tr>
</tbody>
</table>

To order and for more information including demonstration videos visit [www.laerdalglobalhealth.com](http://www.laerdalglobalhealth.com)

In support of the UN MDG 4 and 5, Laerdal has committed to providing the MamaNatalie Birthing Simulator, NeoNatalie Newborn Simulator and the NeoNatalie Resuscitation tools to developing countries on a not-for-profit basis through to 2015.