

# MODEL-med<sup>®</sup>

international pty. ltd.



The MODEL-med<sup>®</sup>  
Sophie and Sophie's Mum  
Birth Simulator Version 4.0

# core competencies

The MODEL-*med*<sup>®</sup> Sophie and Sophie's Mum Birth Simulator Version 4.0

## ***What is its purpose?***

The MODEL-*med*<sup>®</sup> Sophie and Sophie's Mum Birth Simulator can be used to simulate a variety of procedures crucial to the development of core competencies in the fields of Obstetrics and Midwifery.

## ***Core Competencies***

You will be able to learn and develop the following competencies:-

### ***1. Delivery of the fetus.***

- ***Cephalic delivery*** in both occiput anterior and occiput posterior positions
- ***Breech delivery***, including anatomically correct handling of the fetus so as to minimise harm.
  - Assessment and management of nuchal arm and footling breech.
- ***Shoulder dystocia delivery*** practicing the various manoeuvres associated with this problem such as:-
  - Suprapubic pressure
  - Delivery of posterior shoulder
  - Woods screw
  - Rubin manoeuver
  -

With the available add-ons skills include:-

### ***2. Manual Removal of Placenta***

- ### ***3. Management of Post-Partum Haemorrhage*** including:-
- Identifying site and rate of haemorrhage
  - Use of tamponade to stop bleeding

## ***What are the advantages of the MODEL-*med*<sup>®</sup> Sophie and Sophie's Mum Birth Simulator?***

### **REALISM**

- it is extremely realistic to the touch.
- It develops tactile skills like no other simulator.

### **EASE OF USE**

- It requires no batteries or power connections, therefore is very easy to set up.
- Easy and quick to clean

# cephalic birth



The *MODEL-med* Sophie and Sophie's Mum Birth Simulator is designed for the simulation of cephalic birth, breech birth, and shoulder dystocia.

It is made from a highly realistic flesh-like material that creates an extremely realistic tactile experience when simulating birth.

As with all *MODEL-med* products, the models require generous lubrication with water-based lubricants. Your distributor can supply or recommend such a lubricant.

You will note that the vagina is a realistic size but stretches to accommodate the fetus, with a very lifelike stretching of the perineum.

When using The *MODEL-med* Sophie and Sophie's Mum Birth Simulator you will usually have two practitioners operating the model. One will be pushing the fetus through Sophie's Mum's birth canal, while the other will be delivering Sophie.



breech

shoulder dystocia



The Sophie fetus has a full metal skeleton that provides durability and allows her to move realistically when practicing manoeuvres such as a nuchal arm.

Sophie and her Mum are also superior when practicing shoulder dystocia deliveries, and post-partum haemorrhage.

post-partum haemorrhage

## placenta, uterus, and post-partum haemorrhage uterus



The MODEL-*med* Sophie and Sophie's Mum Birth Simulator also has add-ons available that increase her usefulness.

A placenta and post partum uterus can be purchased separately that allow manual removal of the placenta to be simulated. In addition a post-partum haemorrhage uterus is available separately that allows the user to simulate bleeding after birth. This is used with MODEL-*med*'s own blood, which is non-toxic, and washes out of cloth.

## durable

The MODEL-*med* Sophie and Sophie's Mum Birth Simulator is made of a very soft, highly elastic, and very durable material.

## easy to clean

It is easy to clean, and following simple maintenance instructions ensures the simulators will last a long time.

## easy to repair

They are also easy to repair if they are accidentally damaged. The MODEL-*med* Sophie and Sophie's Mum Birth Simulator comes with a one year warranty.



Specialists in realistic childbirth and  
OB/GYN simulation

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