



PROMPT FLEX RANGE

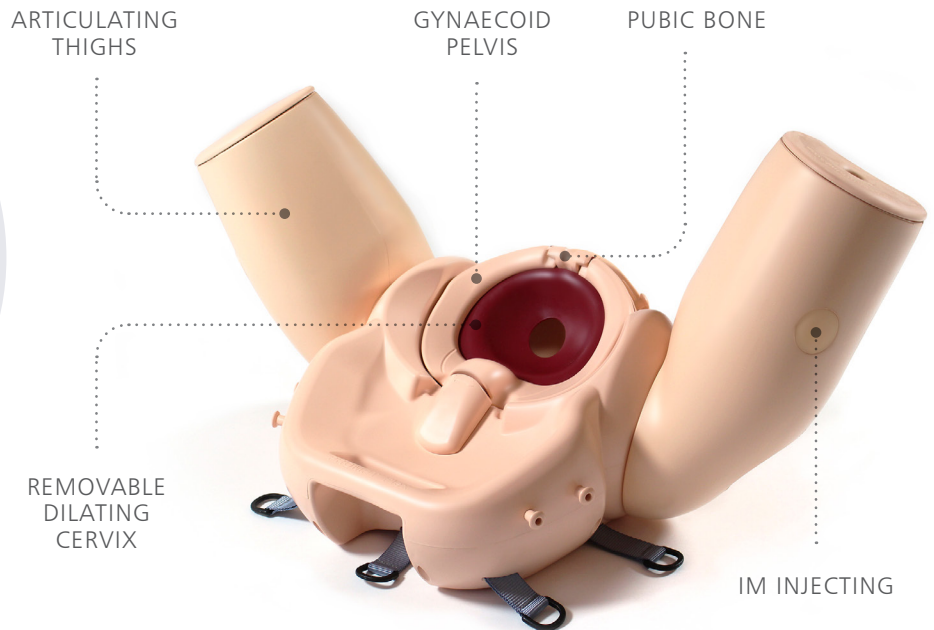
The **PROMPT Flex range** and its modules are anatomically correct and have been designed in collaboration with clinicians to aid the training and practise of normal and difficult births (including shoulder dystocia), to improve the outcomes for mothers and babies during childbirth.



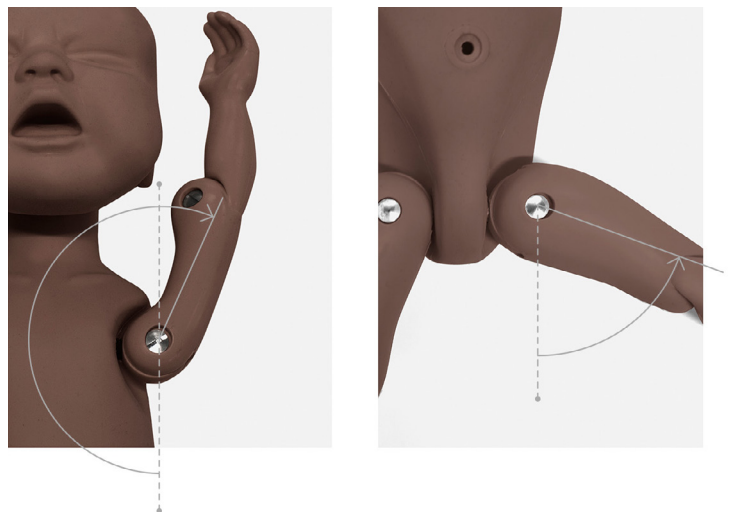
Learning has never been more lifelike
limbsandthings.com

PROMPT FLEX STANDARD & ADVANCED
ARE STAND-ALONE TASK TRAINERS THAT CONTAIN
A BIRTHING MOTHER & BABY WITH KEY ANATOMICAL FEATURES

The **PROMPT Flex Birthing Mother** features include a gynaecoid pelvis, flexible birthing canal, dilating cervix, a soft realistic pelvic floor and articulating thighs.



The **PROMPT Flex Enhanced Baby** has a realistic range of articulation in the shoulder and hip joints, as well as flexion at the thoracolumbar region.



* Standard only

PROMPT FLEX - STANDARD

80100

80200

Integral to birthing programmes across the globe, PROMPT Flex Standard is ideal for the teaching and practising of normal and difficult birthing scenarios.

The easy setup lends itself to both classroom and team training, including the use of simulated patients. It can be used in a number of birthing positions including on all fours (Gaskin) and McRoberts position.



PROMPT FLEX - ADVANCED

80106

80206

This model has the features of the Standard model with the addition of force monitoring in the baby, which enables measurement of the force applied when running shoulder dystocia drills.

Downloadable software gives three main parameters measured during training: force applied to the baby's head, interventions made during delivery and time taken to deliver the baby.



SKILLS	80200	80206
	80100	80106
• Communication & team work skills (SP)	✓	✓
• Normal	✓	✓
• Breech	✓	✓
• Shoulder dystocia management	✓	✓
• Instrumental (forceps & vacuum devices)	✓	✓
• Delivery of placenta	✓	✓
• Cord prolapse	✓	✓
• Urinary catheter placement	✓	✓
• IM injection pads	✓	✓
• Force feedback of baby's head	x	✓
• App with scenarios & force monitoring	x	✓

WHAT'S INCLUDED	80200	80206
	80100	80106
Birthing Mother (+ Upper Legs)	✓	✓
Standard Baby	✓	x
Wireless Force Monitoring Baby	x	✓
Placenta	✓	✓
Abdomen for PROMPT Flex	✓	✓
Perineum and Birth Canal	✓	✓
Bed Straps	✓	✓
Lubricant	✓	✓
Wheeled Carry Case	✓	✓

* Tablet not supplied

A **MODULAR DESIGN** MAKES THIS PLATFORM TRULY FLEXIBLE, ALLOWING FOR THE ADDITIONAL TRAINING TO BE INCORPORATED, DEPENDING ON THE NEEDS FOR THE SKILL ACQUIRED. NOW AVAILABLE IN **TWO DIFFERENT SKIN TONES**

ADDITIONAL MODULES

FIT EITHER STANDARD OR ADVANCED TRAINERS

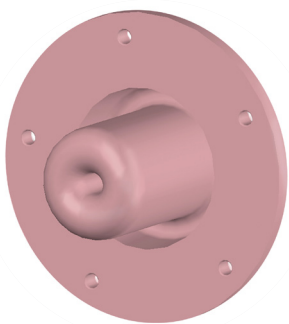
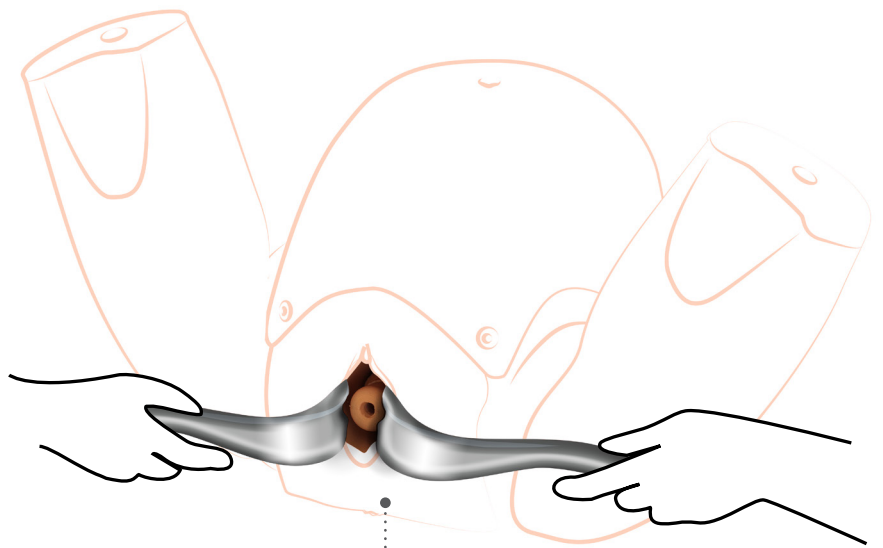
PROMPT FLEX - CERVICAL CERCLAGE MODULE

80180

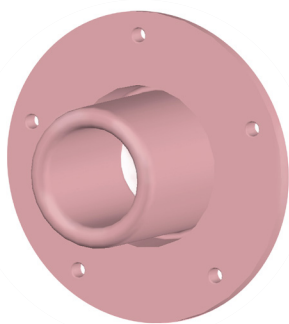
80280

This module is the ideal tool to support obstetric trainees to develop the skills of elective and emergency cervical cerclage.

The easy to use design offers realistic movement of the cervix down the vaginal vault, enabling trainees to place the cerclage as high up the cervix as possible, which supports the learning of the McDonald technique.



ELECTIVE



EMERGENCY



Developed in collaboration with:

- Dr Graham Tydeman, Consultant Obstetrician and Inventor, NHS Fife
- Professor Andrew Shennan OBE and Professor Annette Briley, Guy's and St. Thomas' NHS Foundation Trust



PROMPT FLEX - CERVICAL DILATATION & EFFACEMENT MODULE

80102

80202

This is a complete training solution for the assessment and scoring of cervical dilatation in the latent and active stages of labour.

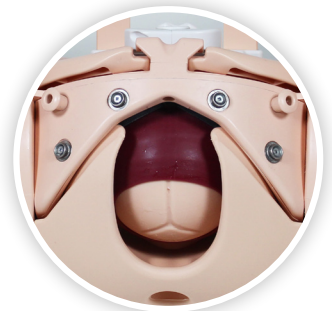
For comprehensive training, 6 interchangeable cervixes (ranging from 1-10cm) and amniotic membranes have been designed to represent realistic dilatation and effacement of the cervix.



FETAL STATION
(-3 TO +3)



CERVICAL DILATION
(1-10CM)



PROMPT FLEX - CAESAREAN SECTION MODULE

80103

80203

The PROMPT Flex Caesarean Section Module allows for repeated practise and skill acquisition for both routine and more complicated c-section deliveries, including head dis-impaction or transverse lie with the use of the pre-incised skin and adjustable uterus.

For those learning the actual skill of performing a c-section incision, the anatomically accurate pads allow for the practise of performing a transverse incision (either by Joel-Cohen or Pfannensti) and the subsequent suturing.

PRE-INCISED ABDOMEN



SURGICAL PAD



PROMPT FLEX - POSTPARTUM HAEMORRHAGE KIT

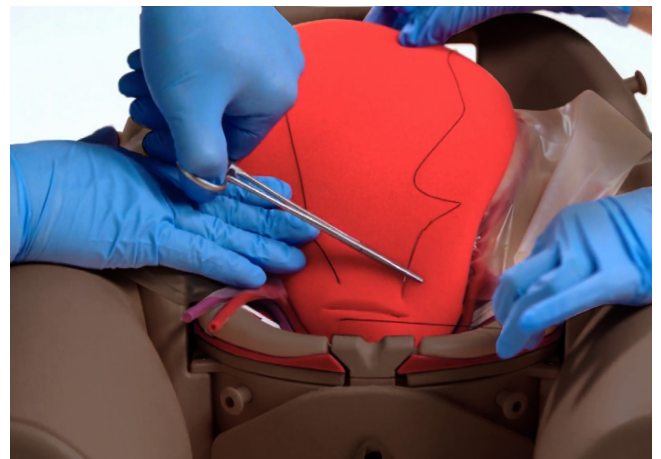
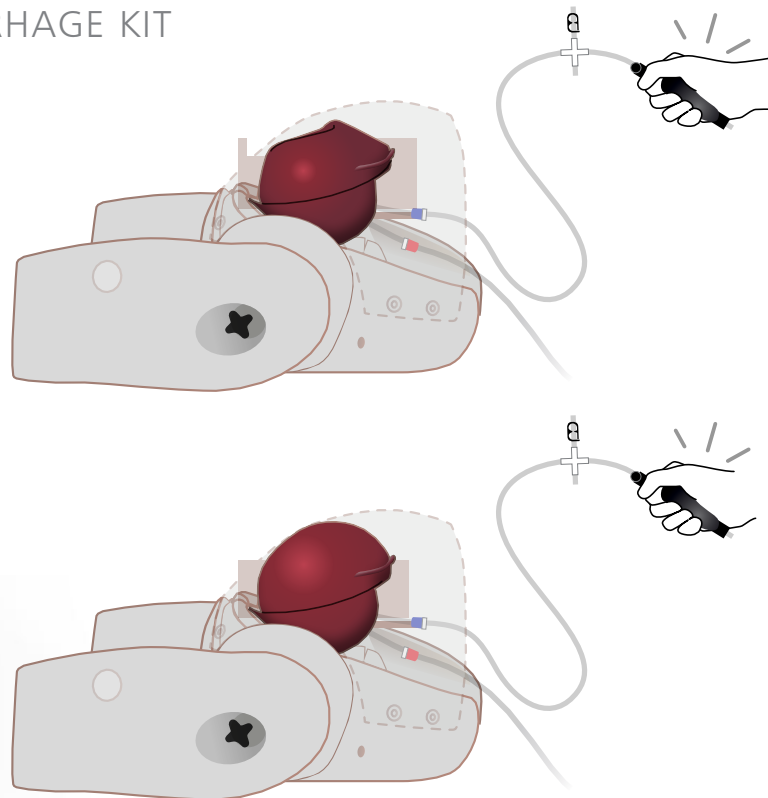
80112

80212

This kit consists of the PPH module, Compression Suture Uterus and a pre-incised skin.

It offers everything required for the management of postpartum bleeding and care including performing a compression suture and ligating the uterine artery.

To be used with the PROMPT Flex Standard or Advanced.



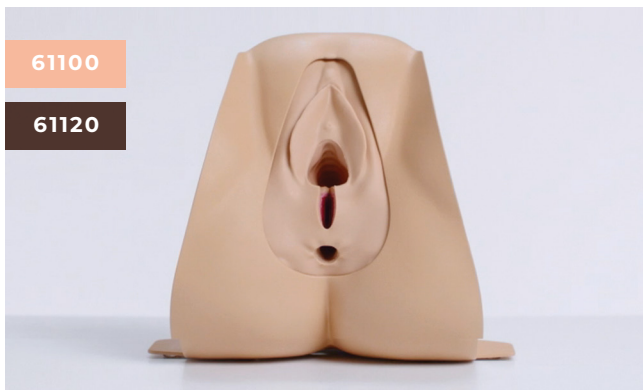
PERINEAL REPAIR & EPISIOTOMY

CAN BE USED AS A STAND-ALONE TRAINER OR
IN CONJUNCTION WITH PROMPT FLEX

This multifaceted model allows trainees to learn how to perform a perineal repair. A common stand accommodates one anal sphincter repair block and a choice of two different perineal repair blocks to suit regional preferences.

The non-incised block is an additional option to tailor bespoke training requirements. Essential landmarks are clearly visible enabling identification of the severity of the tear. A retractable external anal sphincter requires trainees to identify and dissect the muscle layers.

MIDLINE PERINEAL REPAIR TRAINER



MEDIOLATERAL PERINEAL REPAIR TRAINER



ANAL SPHINCTER REPAIR TRAINER



PERINEAL REPAIR TRAINER



OPTIONAL EXTRA EPISIOTOMY MODULE

61104

61124



Using PROMPT in conjunction with effective professional training, reports show:



- 50% Reduction on brain injury
- 45% Reduction in school-aged cerebral palsy
- Reduction in maternal deaths

Source: <https://www.promptmaternity.org/publications>



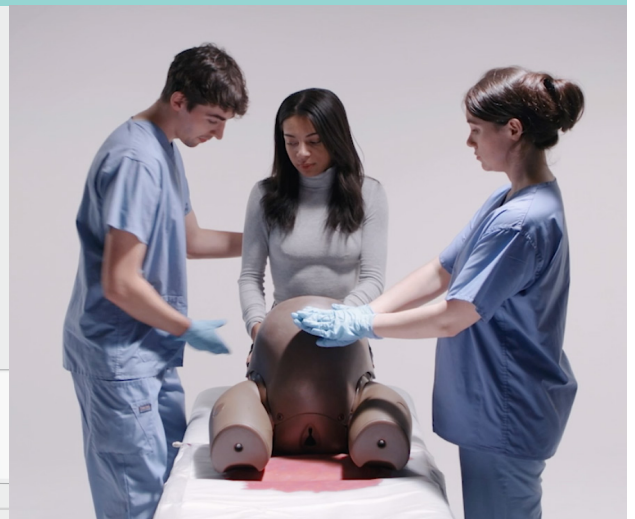
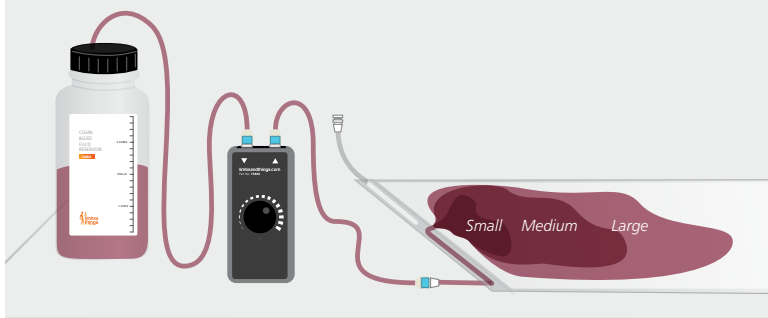
PROMPT Flex is suitable for use on Obstetric Training Programmes including:

ACOG Course – ECO (Emergencies in Clinical Obstetrics)	MORE OB (Managing Obstetric Risks Efficiently)
ALARM (Advances in Labor and Risk Management) - Canada	PROMPT (PRactical Obstetric Multi Professional Training)
ALSO (Advanced Life Support in Obstetrics)	PRONTO International
BEOC (Basic Essential Obstetric Care)	REOT (Rural Emergency Obstetrics Training)
BLSO (Basic Life Support in Obstetrics)	ROBUST (RCOG Operative Birthing Simulation Training)
Care Team OB (American Academy of Family Physicians)	SCOTTIE (Scottish Core Obstetric Teaching and Training In Emergencies)
CEOC (Comprehensive Essential Obstetric Care)	TeamSTEPPS (Team Strategies and Tools to Enhance Performance and Patient Safety)
MOET (Managing Obstetric Emergencies and Trauma)	

YOU MAY ALSO BE INTERESTED IN **CLEAN BLEED™ MAT**

70400

This easy to setup and mess free product has the ability to create the impression of haemorrhages such as postpartum through a controlled flow into a sealed mat.



International V.8 Jan 2021



REQUEST A QUOTE



REQUEST A DEMO



CUSTOMER SUPPORT

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T: 00 44 (0)117 311 0500

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MamaBirthie is an anatomically accurate model which allows for realistic simulation and demonstration of both normal and complicated labor, focusing on the first two stages of labor. MamaNatalie focuses on complications and management of the third and fourth stages of labor.

Simulation scenarios		MamaBirthie	MamaNatalie
Stage 1 & 2	Abdominal and vaginal examination	●●●	●○○
	Anatomical visualization of rotation at birth	●●●	○○○
	Fetal heart rate sounds	●●○	●●○
	Normal birth	●●●	●●○
	Shoulder dystocia	●●●	○○○
	Assisted breech delivery	●●●	●○○
	Vacuum assisted delivery	●●●	●○○
	Cord prolapse	●●●	●●●
	Urinary catheterization	●●●	●●●
Stage 3 & 4	Delivery of placenta	●●●	●●●
	Examining placenta,membranes, artery and veins	●●●	●○○
	Retained placenta	●●●	●●●
	Uterine massage	●●●	●●●
	Postpartum hemorrhage	○○○	●●●
	Uterine compression	●●○	●●●
Newborn resuscitation		○○○*	●●●

Features	BabyBirthie	NeoNatalie
Palpable limbs	●●●	○○○
Palpable fontanel	●●●	●●○
Stretching neck	●●●	○○○
Tilting head	●●●	●●●
Rotating neck	●●●	●○○
Head simulating chignon effect	●●●	○○○
Breathing lungs	○○○	●●●
Pulsating cord and heartbeat	○○○	●●●
Open mouth for feeding positioning	●●●	●●●

* BabyBirthie may be substituted by NeoNatalie post-delivery for simulation of complicated birthing scenarios that include newborn resuscitation.

○○○ Not applicable
●○○ Good
●●○ Very good
●●● Excellent



www.laerdalglobalhealth.com



MamaBirthie

Birthing Simulator and Skills Trainer



Unique features - Durable - Affordable



Birthing Simulator and Skills Trainer

MamaBirthie offers very unique features, yet it is significantly more affordable than other simulators. It is made of durable fabrics, requires no lubrication during use, and has passed durability test for 3000 deliveries.

In 2015, an estimated 300,000 women and 2.7 million newborns died from complications related to pregnancy or childbirth. (WHO2015)

WHO emphasizes the importance of skilled health professionals attending all births, as timely management and treatment can make the difference between life and death for both the mother and the baby. Only 51% of women in low-income countries benefit from skilled care during childbirth. (WHO2015)

Investing in well-trained midwives can save millions of lives each year. In Bangladesh, the training of 500 midwives reduced maternal mortality by over 80% and infant mortality by 75%. (State of the Worlds Midwife 2014)

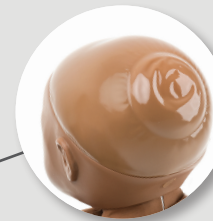


Instructional videos of how to setup the product and run simulations.
www.laerdalglobalhealth.com/MamaBirthie



BabyBirthie

A realistic articulated newborn manikin with fontanels and anatomical landmarks to support training on different presentations and labor complications.



A chignon will appear after the use of the vacuum suction device, letting the learner assess the placement of the vacuum cup.



A sophisticated neck mechanism ensures that the head can be stretched, turned and tilted for practicing maneuvers for shoulder dystocia.



Birthing Simulator Mode

MamaBirthie can be worn to facilitate realistic simulation scenarios including normal birth, different birthing positions and labor complications. It is also ideal for in-situ team simulation and training respectful care.



Skills Trainer Mode

MamaBirthie can be used as a tabletop model to demonstrate the mechanics of birth and train skills including abdominal and vaginal examinations, vacuum assisted delivery and breech.



Female external genitalia with urethra, clitoris, labia and stretchable perineum.



Management of malpresentations including breech and shoulder dystocia can be trained on the table or in simulation mode.



Realistic fetal head, birth canal and pelvic floor facilitates natural rotation of the head as it descends.



Cervix inserts of 4, 6 and 8 cm dilatation and effacement, in addition to anatomical landmarks in the birth canal, allow for skills training on vaginal examination.

MamaNatalie

Realistic and affordable training in maternal and newborn care



Photo by CCBRT, Tanzania

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

Unicef: The State of the World's Children 2009, p. 2; and The Lancet, Volume 375, Issue 9726, Pages 1609 - 1623, 8 May 2010



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".

Hofmeyr G J et al. *International Journal of Gynecology and Obstetrics* 2009; 107: s 21- s 45.

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

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.

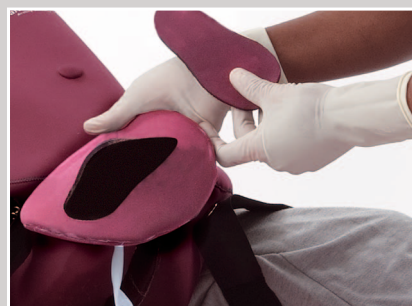
NeoNatalie facilitates effective learning of standard newborn resuscitation measures. It has realistic size and appearance, and also natural weight, feel and touch when filled with lukewarm water.



Oxytocin injection



Controlled cord traction



Incomplete placenta



ORDER INFORMATION

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. Comprises:

- MamaNatalie Birthing Simulator
- Placenta w/umbilical cord
- Blood concentrate
- NeoNatalie Suction
- 2 pairs of gloves
- Pinard stethoscope
- Blood collection tray
- Urine catheter
- 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



MamaNatalie comes with a bag for convenient transport

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

To order and for more information including demonstration videos visit 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.

Mama-U

Postpartum Uterus Trainer



Impact

Postpartum hemorrhage is one of the leading causes of maternal mortality globally.¹ Early use of an intrauterine balloon tamponade is a way of limiting blood loss and can be a life-saving intervention, especially in settings where blood transfusion and surgery are not available.² Intrauterine balloon tamponades can easily be implemented by providers with suitable training.

Approach

Provider confidence is a key barrier to timely and effective obstetric interventions. The Mama-U Postpartum Uterus Trainer helps providers both train essential skills and counsel mothers on the procedures. Mama-U is easily collapsible, ultraportable, and provides easy visualization of procedures. Along with Laerdal Light, Mama-U can be used for training vaginal and cervical inspection, gauze packing, PPIUCD insertion, and balloon tamponade insertion for post-partum hemorrhage management.

Results

Mama-U is being used to teach balloon tamponade insertion in South Sudan and Kenya. It is also being used nationally in Nepal to train skilled birth attendants on both condom tamponade insertion and PPIUCD services. Field-testing supported by a Saving Lives at Birth grant showed that Mama-U had a large impact on provider confidence and client counseling for PPIUCD services.

1. Khan KS, et al. WHO analysis of causes of maternal death: a systematic review. *Lancet*. 2006; 367 (9516):1066.
2. Tindell K, et al. Uterine balloon tamponade for the treatment of postpartum haemorrhage in resource-poor settings: a systemic review. *BJOG*. 2013; 120(1):5



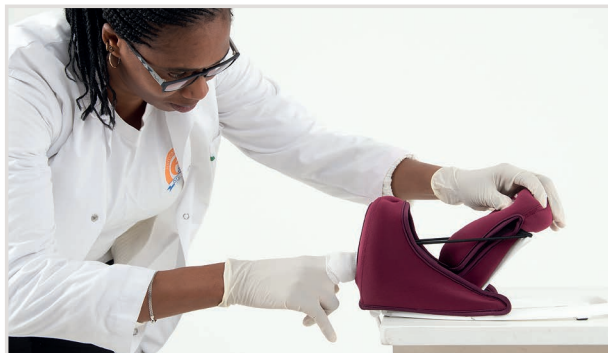
Mama-U



Easily collapsible and ultra-portable, **Mama-U** can be used as a tabletop model or inside the **MamaNatalie Birthing Simulator**



Easy visualization of PPIUCD placement



Training for vaginal and cervical inspection and gauze packing



Balloon tamponade insertion for postpartum hemorrhage management

Laerdal Light

Laerdal Light is a robust light that works both as a focused task light for clinical examinations and as a room light, and in trainings with Mama-U. The LED light provides one of the best shine times and light intensities at its price point. Versatile charging from the grid or with a solar panel.

May not be available in all markets



Laerdal Light can be used as a head light, neck light, hanging, etc

Laerdal Global Health is a not-for-profit company dedicated to helping save the lives of mothers and newborns. For more information and to order products visit: www.laerdalglobalhealth.org



Laerdal
helping save lives

Multi Uterus Trainer

An estimated 225 million women in developing countries would like to delay or stop childbearing but are not using any method of contraception. (WHO2016)

Family planning reinforces people's rights to determine the number and spacing of their children. By preventing unintended pregnancy, family planning prevents deaths of mothers and children.

Research shows that as much as 30% of maternal deaths and 20% of child deaths could be averted if women space their pregnancies two years apart.

(Cleland et al, Lancet 2012)



The **small uterus** can be used for IUD insertion and removal training on an interval or an early post-abortion uterus



Sister-U is a uterus trainer which represents the uterus between pregnancies and immediately post-abortion.

Developed with the Indian Ministry of Health and Family Welfare, Sister-U can be used for a variety of interventions such as vaginal examinations, IUD insertion and removal, and family planning and menstrual hygiene counselling.

Sister-U is designed to complement family planning trainings and act as a counselling aid for healthcare workers.

The **large uterus** can be used as a post-abortion uterus or a multi-parous uterus



Simulator Mode

Sister-U can be strapped to the body for practicing respectful care and communication.



Skills Trainer Mode

Sister-U can also be used as a tabletop model to demonstrate and practice vaginal examination and IUD insertion and removal.



The uterus plate of Sister-U can be flipped to demonstrate different uterine angles.



Sister-U can be used with a variety of reproductive health methods such as cervical rings and diaphragms.



The uterus modules can be removed from the frame and be used as demonstration tools.



Sister-U's carrying case can be worn on the shoulder or converted into a backpack.

Laerdal Global Health is a not-for-profit company dedicated to helping save the lives of mothers and newborns, through collaborative design processes and partnerships with leading global health organizations.

Our goal is to help save 400,000 more lives per year by 2020.

Sister-U

Multi Uterus Trainer

Complementary Products

Mama-U

Mama-U represents a postpartum uterus after birth. It supports training in postpartum IUD and uterine balloon tamponade insertions and other postpartum uterus interventions.



Laerdal Light

Laerdal Light is developed to fit the needs of birth attendants and health workers in low-resource settings. It can be used both as a focused task light and as an ambient room light, and also to boost the battery of a mobile phone.



For vaginal examinations, IUD insertion and removal, and counselling

Mediolateral Perineal Repair Trainer

61141

61151



SCAN ME

NEW



Midline Perineal Repair Trainer

61140

61150



This model allows trainees to learn the suturing techniques for repairing a 2nd degree perineal laceration. The fabric construction can accommodate repeated early learning training ideal for skill acquisition.

SKILLS

- Recognition of internal anatomy
- Tissue handling
- Classification of injury
- Repair of a lacerated perineum

QUALITIES

ANATOMY

- Hymenal remnants, vaginal mucosa, perineal skin, perineal dermis, perineal muscles and palpable anal sphincter

KEY FEATURES

- Anatomically accurate, key anatomical layers can be sutured
- Illustration pack representing each degree of perineal trauma to aid identification of key landmarks and internal anatomy
- Durable insert

VERSATILITY

- Can be used alongside PROMPT Flex by placing in front of the birthing mother to add further realism
- Quick and easy to set up
- Clamps provided to secure trainer to benchtop
- Compact and portable
- Available in either Midline or Mediolateral presentation for regional variation

WHAT'S INCLUDED

Midline Repair Pad (x1) **OR** Mediolateral Repair Pad (x1)

Perineal Repair Stand with Clamps

Perineal Repair Block Loading Frame

Perineal Repair Illustration Pack

Anal Sphincter Repair Trainer



This model allows trainees to learn how to repair a 4th degree obstetric anal sphincter injury (OASI). A stand accommodates one anal sphincter repair block.

SKILLS

- Recognition of internal anatomy
- Tissue handling
- End-to-end repair of the external anal sphincter
- Overlap repair of the external anal sphincter
- Repair of the internal anal sphincter and anal mucosa

QUALITIES

ANATOMY

- Hymenal remnants, vaginal mucosa, perineal skin, perineal muscles, external anal sphincter, internal anal sphincter, anal mucosa and pararectal fat

REALISM

- Soft skin with a similar drag and strength to human skin

KEY FEATURES

- Anatomically accurate, all key anatomical layers can be sutured
- Illustration pack representing each degree of perineal trauma to aid identification of key landmarks and internal anatomy

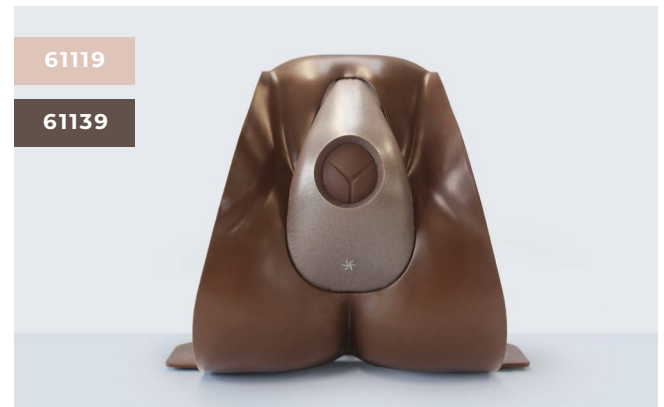
VERSATILITY

- Can be used alongside PROMPT Flex by placing in front of it to add further realism to the simulation
- Quick and easy to set up
- Clamps provided to secure trainer to benchtop
- Compact and portable

WHAT'S INCLUDED

Anal Sphincter Repair Block (x2)
Perineal Repair Stand with Clamps
Perineal Repair Block loading frame
Perineal Repair Illustration Pack
Water Based Lubricant

Episiotomy Trainer



This cost effective model is designed to be used with the Perineal Stand in a classroom setting to ensure acquisition of confidence in the training of episiotomy. It offers repeatable training and contains an illustration pack that supports trainees in gaining confidence in performing this procedure.

SKILLS

- Identification of fontanelles
- Handling of a stretched perineum
- Reducing the risk of damaging the baby or mother
- Infiltration of perineum prior to episiotomy
- Performance of mediolateral or midline episiotomy
- Use of instruments

QUALITIES

REALISM

- Realistic representation of tissue to represent a stretched perineum

KEY FEATURES

- Baby head has realistic look and feel, providing landmarks and appropriate tactile response when inserting fingers to guard the baby's head
- Repair tape increases the longevity of the episiotomy pad, allowing for multiple uses per pad
- Illustration pack to help trainees get familiarised with key landmarks and where to place the cut

WHAT'S INCLUDED

Episiotomy Incision Pad (x2)
Perineal Repair Stand with Clamps
Episiotomy Repair Tape (x24)
Episiotomy Baby Head
Episiotomy Illustration Pack