Urethral Sling Procedure Trainer

Part No: 60700

This model has been designed to practice the placement of synthetic pubourethral slings for the treatment of stress urinary incontinence. It works with all major sling systems excluding trans-obturator.

Skills
- Patient posture and management
- Identifying anatomical landmarks
- Insertion of sling introducers/needles transvaginally and abdominally
- Use of guide systems and rigid catheter

Features
- Abdominal wall viewing port, light and mirror to allow the user to see the insertion of the device during the procedure
- Fascia held under tension providing a highly realistic level of resistance to the introducers/needles
- Realistic abdominal wall
- Soft perineum and labia
- Realistic urethra and bladder
- Representation of iliac arteries and veins to demonstrate the location of anatomical landmarks and potential pitfalls
- Fascia and perineum/vaginal assembly can be replaced making the model highly cost effective

Package supplied
- 1 Vagina & Bladder Assembly  Part No: 60710
- 1 Vaginal & Abdominal Sheath  Part No: 60720
- 1 Abdominal Skin  Part No: 60730
- 1 Base

Packed weight (lbs) & dimensions (in)  8.4 lb  9.8 l  16.9 w  21.7 h

Cordocentesis Trainer

Part No: 60203

A simulation of a gravid abdomen for learning percutaneous umbilical blood sampling (cordocentesis).

Skills
- Familiarization and use of ultrasound equipment
- Identification of ultrasound calling signals
- Recognition of placental/fetal cord
- Needle insertion and placement under ultrasound
- Withdrawal of fetal blood

Features
- Excellent image and realism used with any ultrasound equipment
- Contains a fetal cord, filled with mock blood, suspended in gel (does not include fetus)
- Includes 2 placentas, one on the anterior and the other on posterior aspect, enabling both direct and translaplacental approaches to the cord
- The mock blood in the fetal cord can be replenished
- Can be used for needle insertion and placement for amniocentesis training, however no fluid can be withdrawn from the amniotic sac
- Self-sealing abdomen and cord can be pierced repeatedly providing a durable, long-lasting and cost effective model

Package supplied
- 1 Cordocentesis Abdomen  Part No: 60204
- 1 Mock Blood - Venous (250ml)  Part No: 00223
- 1 Base

Packed weight (lbs) & dimensions (in)  12.7 lb  9.8 l  16.9 w  21.7 h
MamaNatalie Birthing Simulator

Part No: LD340-00233 (Dark)
Part No: LD340-00333 (Light)

The MamaNatalie birthing simulator complete with NeoNatalie new-born baby provides realistic and affordable training in maternal and newborn care.

**Skills**
- Delivery of placenta (including partially and fully retained)
- Fetal heart rate monitoring using Pinard’s stethoscope
- Urinary catheterization
- Breech delivery
- Vacuum delivery
- Oxytocin injection
- Controlled cord traction
- Postpartum hemorrhage management
- Develops communication skills

**Features**
- Instructor can manually control:
  - fetal heart sounds
  - delivery of placenta
  - baby positions in birth tract
  - uterine firmness
  - intensity of bleeding and volume of blood loss
- Highly affordable, portable and easy to use
- Quickly ready for use in any setting
- Simulate bleeding of up to 1.5 liters
- Easily manipulate the condition of the uterus (from boggy to well contracted, and any condition in between)
- MamaNatalie comes with NeoNatalie newborn simulator in either dark or light complexion
- NeoNatalie can be filled with lukewarm water to reproduce the natural weight, feel and touch of a new baby

**Package supplied**
- MamaNatalie birthing simulator:
  - Placenta & umbilical cord
  - Blood concentrate
  - NeoNatalie Suction
  - 2 pairs of gloves
    (1 normal, 1 long)
  - Fetal stethoscope
  - Fluid collection tray
  - Fluid drain
  - Urinary catheter
  - 20 ml syringe
  - NeoNatalie skull with fontanelles
  - Backpack
  - User Guide

- NeoNatalie newborn simulator:
  - Squeeze bulbs for simulation of birth cries, spontaneous breathing, palpable umbilical pulse and auscultation of heart sounds
  - Umbilical cord
  - 2 umbilical ties
  - Sheets (simulated towels)
  - Head cap
  - Storage/carrying pouch
  - User Guide

| Package weight (lb) & dimensions (in) | 11.9 lb | 25.2 l | 11.8 w | 12.6 h |
PROMPT Birthing Simulator

Improve your childbirth training outcomes with this ground-breaking product. Incorporates the following unique combination of features:

Mother
- Anatomically correct bony pelvis modelled from CT scan data
- Realistic pelvic floor musculature
- Stretchable perineum
- Removable abdominal skin for visualization of fetal positions
- Articulated thighs for multiple maneuvers and positions
- Lubrication to facilitate realistic birthing process
- Straps to secure Birthing Mother to delivery bed

Standard Baby
- Newborn size and weight
- Fully articulated limbs for multiple maneuvers and positions
- Palpable fontanelles and suture lines
- Palpable clavicles and scapulae
- Detachable placenta with umbilical cord

Force Monitoring Baby (in addition to the Standard features)
- Fitted with an electronic strain gauge
- Supplied with computer software package for simultaneous force display, measurement and recording of data for shoulder dystocia management

Developed with healthcare professionals
- Recently used for a UK Department of Health funded study, SaFE (Simulation and Fire-drill Evaluation). During the study, the midwives and obstetricians who received training using a prototype demonstrated a significant objective improvement in the management of simulated shoulder dystocia¹
- An integral part of the PROMPT (PRactical Obstetric Multi Professional Training) course
- Developed in conjunction with midwives and obstetricians from Southmead Hospital, Bristol (UK) and Gloucestershire Royal Hospital (UK)²
- Studies indicate that when forces of over 100N are applied to the baby by the accoucheur during delivery, obstetric brachial plexus injury (OBPI) can occur. The Force Monitoring system allows the force applied to be monitored³

Medico-legal justification
- Annual drill training for the management of shoulder dystocia is a requirement for the maternity Clinical Negligence Scheme for Trusts (CNST) level II in the UK, and is recommended by the Joint Commission on Accreditation of Healthcare Organizations (JCAHO) in the USA

PROMPT Birthing Simulator

Standard

Episiotomy Part No: 80000
Non-Episiotomy Part No: 80001

Skills
- Normal delivery
- Delivery on all fours
- Vacuum delivery
- Forceps delivery: traction and rotational deliveries

Features
Baby
- Latex free
- Fully articulated body
- Weight 5.1 lbs / 2.3 kg
- Detachable placenta with cord
- Palpable fontanelles and suture lines
- Palpable clavicles and scapulae

Mother
- Latex free
- Movable legs to simulate multiple positions:
  - semi-recumbent
  - Lithotomy position
  - McRoberts’ position
  - all fours position
- Realistic bony pelvis modeled from MRI scan data
- Detachable abdominal and perineal skin to enable visualization of internal maneuvers and fetal positioning during training
- Durable, stretchable skin and perineal musculature
- Base has straps for attaching to table or delivery bed
- Opportunity for patient/actor integration with Birthing Mother in training sessions

Force Monitoring

Episiotomy Part No: 80005
Non-Episiotomy Part No: 80006

Skills
- Normal delivery
- Delivery on all fours
- Vacuum delivery
- Forceps delivery: traction and rotational deliveries

Features
Baby
- See Baby for PROMPT Birthing Simulator - Standard
- Additional features for Force Monitoring version:
  - fitted with an electronic strain gauge
  - supplied with software package for simultaneous force display, measurement and recording of data for shoulder dystocia management
  - user definable text allows interventions, delivery scenarios, properties, to be edited into users native language

Mother
- Latex free
- Movable legs to simulate multiple positions:
  - semi-recumbent
  - Lithotomy position
  - McRoberts’ position
  - all fours position
- Realistic bony pelvis modeled from MRI scan data
- Detachable abdominal and perineal skin to enable visualization of internal maneuvers and fetal positioning during training
- Durable, stretchable skin and perineal musculature
- Base has straps for attaching to table or delivery bed
- Opportunity for patient/actor integration with Birthing Mother in training sessions

Packed weight (lbs) & dimensions (in)

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<tr>
<th></th>
<th>PROMPT Birthing Simulator Standard</th>
<th>PROMPT Birthing Simulator Force Monitoring</th>
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<td>Episiotomy Part No: 80005</td>
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<td>Skills</td>
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<td>Features</td>
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<td>Episiotomy Part No: 80005</td>
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<tr>
<td>Mother</td>
<td>Episiotomy Part No: 80000</td>
<td>Episiotomy Part No: 80005</td>
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<tr>
<td>Packed weight (lbs) &amp; dimensions (in)</td>
<td>Episiotomy Part No: 80000</td>
<td>Episiotomy Part No: 80005</td>
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<td>42.3 lb 17.7 17.7 w 23.6 h</td>
<td>43 lb 17.7 17.7 w 23.6 h</td>
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</tbody>
</table>
PROMPT Birthing Simulator - Value Set

Episiotomy Part No: 80010
Non-Episiotomy Part No: 80011

This cost effective set includes both the Standard and Force Monitoring Simulators. It is the ideal package for training centers running simultaneous ‘normal’ and ‘difficult’ birthing stations in a workshop or training environment.

Package supplied
- 2 Birthing Lubricant (250ml) Part No: 50181
- 2 Birthing Placenta Part No: 80023
- 1 Birthing Baby - Force Monitoring Part No: 80022
- 1 Birthing Baby - Standard Part No: 80021
- 2 Birthing Mother Part No: 80020
  - 2 Birthing Abdomen & Perineum
  - 2 Birthing Perineal Muscles Part No: 80026
  - 2 Removable Base & Straps Part No: 80030
- 1 Force Monitoring Software Part No: 80028
- 2 Carry cases

Packed weight (lbs) & dimensions (in) 74.5 lb 17.7 l 17.7 w 47.2 h

PROMPT Perineum Upgrade Kit Part No: 90500

Allows for new style Birthing Abdomen & Perineums (with popper attachments) to be fitted to earlier Birthing Mothers with plastic screw fixings. For more information visit www.limbsandthings.com.

Packed weight (lbs) & dimensions (in) 0.2 lb 7.3 l 8.0 w 1.0 h
SimMom is an advanced full body birthing simulator with accurate anatomy and functionality to facilitate multi-professional obstetric training and birth management.

Part No: **10000-01** SimMom Advanced + complete peripheral kit  
Part No: **10001-01** SimMom Advanced + standard peripheral kit

**Easy to use**  
Simple operation allows users to build basic to advanced level scenarios appropriate for required learning objectives.

**Realism**  
SimMom provides for the realistic practice of multiple delivery positions and maneuvers, teamwork, leadership and communication skills in a risk-free environment. Uterus modules add further realism and extend the application of the simulator.

**Standardized and consistent learning**  
Pre-programmed scenarios provide standardized training for consistent quality patient care. Customizable scenarios and real time instructor controls allow for scenario adaptation to accommodate individual student or team needs.

**Multipurpose**  
SimMom can be used as a task trainer or as a full body simulator. In addition, it can be used for non-obstetric training as well as a female pregnant simulator.

**A progressive partnership**  
By integrating the strengths of the PROMPT Birthing Simulator from Limbs & Things with the ALS Simulator from Laerdal, SimMom provides the user with both anatomical accuracy and authentic simulation experiences that together facilitate valuable learning experiences for a wide range of midwifery and obstetric skills.

By bringing together multi-professional healthcare staff in a simulation to rehearse both common birthing scenarios and emergency critical incidents, the early recognition of birth complications, correct diagnosis and rapid, coordinated action from the delivery team can be perfected for improved outcomes.

With a range of Technical and Educational Services, as well as pre-programmed scenarios to ease educator preparation time, SimMom provides the optimal simulation experience.

Contact us to discuss your requirements.
Maternal collapse

Cervix delivery module
The durable silicone cervix can dilate from 4 cm to 10 cm. The cervix module is used with the Birthing Baby for deliveries.

Amniotic Bag delivery module
The Birthing Baby can be used in the amniotic bag to extend the level of realism during delivery and to simulate the rupturing of the membranes during delivery. Fluid can be poured directly into the Bag and blood can be introduced via a reservoir.

Post-Partum Hemorrhage Module
Atonic uterus can be recognized and managed. Pressurized fluid reservoirs allow for simulated blood and urine to be used during a PPH simulation. A placenta with retained lobe can also be placed inside the uterus and manually removed.

Uterine Inversion Module
Uterus inverts when traction is applied to the umbilical cord. This module allows for recognition of inversion as well as manual replacement.
SimMom Graphical User Interface

• Controlled via Instructor PC:
  - highly configurable
  - easy to operate and control mother and fetal vital signs
  - run on-the-fly, customized or pre-programmed scenarios

Births, assisted deliveries & drills
• Normal births
• Vaginal breech births
• Assisted deliveries:
  - forceps
  - vacuum
• Shoulder dystocia
• Cord prolapse
• Eclampsia & pre-eclampsia
• Maternal collapse
• Post Partum Hemorrhage
• Sepsis
• Uterine inversion
• Ruptured uterus

Movement
• Seizure
• Able to position on all fours:
  - realistic rotation of the shoulder and hip joints
  - legs bend at the knees
  - arms bend at the elbow
• Other positions:
  - supine
  - semi-recumbent
  - left lateral
  - lithotomy
  - McRoberts position

Airway features
• Obstructed airway
• Tongue edema
• Right lung, left lung and both lung blockage
• Head tilt/chin lift
• Jaw thrust
• Suctioning techniques (oral and nasopharyngeal)
• Bag-Valve-Mask ventilation
• Oropharyngeal and nasopharyngeal intubation
• Combitube, LMA and other airway device placement
• Endotracheal intubation (ET)
• Retrograde intubation
• Nasal and oral fiberoptic intubation
• Trans-Tracheal jet ventilation
• Right mainstem intubation
• Surgical and needle cricothyrotomy
• Chest tube insertion

Pelvic components
• Atonic uterus modules (for post partum hemorrhage, uterine inversion and retained placenta)
• Fluids (blood, stained amniotic fluid and urine)
• Bladder catheterization & filling

Breathing features
• Simulated spontaneous breathing
• Variable respiratory rates
• Bilateral and unilateral chest rise and fall
• Normal and abnormal breath sounds:
  - 4 anterior auscultation sites
  - bilateral midaxillary sites

Services available
Educational Services to support your implementation goals which include a two day Introduction Course on how to get the best out of SimMom.

Technical Services to meet your simulation servicing needs including Installation and Preventive Maintenance Programs.

Please contact your local Limbs & Things representative for full details.
Circulation features
- Blood pressure measured manually by auscultation of Korotkof sounds
- Bilateral carotid and brachial pulse, radial (right side only) pulses synchronized with EKG
- Pulse strength variable with blood pressure
- Pulse palpation is detected and logged

Cardiac features
- Extensive EKG library
- Heart sounds synchronized with EKG
- EKG rhythm monitoring
- 12 lead EKG display
- Defibrillation and cardioversion
- Pacings

Chest compressions
- CPR compressions generate palpable pulses, blood pressure wave form, and EKG artifacts
- Detection and logging of a series of compressions

Other features
- Bowel sounds and fetal heart rate (not at the same time)
- Interchangeable pupils (normal, blown and constricted)
- Patient Voice:
  - pre-recorded sounds
  - custom sounds
  - instructor can simulate patient’s voice wirelessly

Vascular access
- Pre-ported IV access (both arms)
- Subcutaneous and intramuscular injection sites

Save time with Courseware
Courseware consists of preprogrammed scenarios complete with printable support materials, which is available to download from the Laerdal SimCenter.

Internationally recognized as leading experts in obstetric simulation, Professor Tim Draycott (obstetrician), Cathy Winter (midwife) and the team from Southmead Hospital (UK) have led the development of scenarios for use with SimMom that will complement many of the core elements of obstetric training programs worldwide.

The scenarios available are listed in Births, assisted deliveries & drills.

Birthing Baby
- Realistically modelled head with all head landmarks present (fontanelles and sutures)
- Head can be used for forceps deliveries (including rotational) and suction delivery (kiwi and ventouse)
- Head can be easily manipulated by the trainer and flexes naturally as it is pushed through the birth canal
- Open mouth for suction (if required)
- The Birthing Baby’s body is designed to allow it to be easily pushed through the birth canal
- Bony prominences of the hips to support Lovset’s maneuvers
- Realistically positioned torso landmarks (scapulae and clavicles)
- Arms and legs fully moveable to allow for maneuvers required during deliveries (particularly breech and shoulder dystocia)
- Umbilicus and placenta (normal and retained)
- Electronic Fetal Monitoring and Cardiotocography can be controlled and displayed by the instructor

PROMPT Practical Obstetric Multi-Professional Training
Newborn Anomaly Prosthetics

Part No: ST-NAP

Newborn infant emergencies and congenital anomalies can present life-threatening challenges for all levels of Health Care Providers. The Newborn Anomaly Prosthetics have been carefully crafted based on actual case studies, as well as on Physician and Nursing design criteria, in order to provide important visual and tactile cues that will help prepare Learners for management of these complex patient care events.

Skills
• Management of patient care events

Features
• Realistic in look and feel
• Soft and flexible
• Easily attach to most brands of newborn infant mannequins

Package supplied
• 1 Cleft palate head skin
• 1 Gastroschisis
• 2 Myelomeningoceles (large & small)
• 1 Omphalocele
• 2 Umbilical cords (long & short)
• 1 Carry case

Fetal DemiseSIM

Part No: ST-FDSIM

The Fetal DemiseSIM baby has been developed in collaboration with Neonatology and Nursing Experts to provide important visual and tactile cues that will help prepare Learners for management of this emotionally complex patient / family crisis.

Skills
• Management of patient care events

Features
• Simulates a 28-30 week fetus, weighing 2.65lb, 15.5in long
• Realistic in look, feel and weight
• Fits in the pelvis on most birthing mannequins and partial pelvis birthing trainers
• Includes one inter-professional scenario focusing on the initial care of the family dealing with an intrauterine fetal death

Package supplied
• 1 Fetus
• 1 Manual
• 1 Carry case

Packed weight (lbs) & dimensions (in) 6.8 lb 24 l 12.5 w 8.0 h
Keele & Staffs Episiotomy Repair Trainer

Part No: 60450

A three stage training system for teaching episiotomy, suturing techniques, and repair of episiotomy & second degree tears. The model was developed in conjunction with Professor Christine Kettle - Professor of Women’s Health, University Hospital of North Staffordshire & Staffordshire University (UK) and Mr Khaled Ismail - Senior Lecturer & Consultant Obstetrician & Gynecologist, Keele Medical School & University Hospital of North Staffordshire (UK).

Stage 1: Episiotomy
A simplified model for teaching safe methods of performing episiotomies.

Skills
- Identification of fontanelles
- Handling of a stretched perineum
- Reducing the risk of damaging the baby or mother
- Infiltration of perineum prior to episiotomy
- Use of instruments
- Performance of medio-lateral (or midline) episiotomy

Features
- Realistic representation of tissue to represent a stretched perineum
- Baby Head provides a realistic look and feel providing landmarks and appropriate tactile response when inserting fingers to guard the baby’s head
- Cost effective with two episiotomies per pad
- Attaches to the Perineal Repair Base

Stage 2: Perineal Repair Techniques
The Episiotomy & Perineal Repair Pad prompts trainees to learn to suture on two planes, one of which has the spatial challenges which exist when suturing within the vagina.

Skills
- Suturing in two planes (inside vagina and on the perineum)
- practice suture techniques:
  - continuous
  - subcuticular
  - knot tying

Features
- The Episiotomy & Perineal Repair Pad allows suturing techniques to be practiced on two planes
- Representation of the anus printed on pad for orientation
- Representation of the hymenal remnant printed on pad to assist in assessment of suturing techniques
- Soft skin with a similar drag and strength to human skin
- Comprises epidermis, dermal and subdermal layer (not muscle)
- Epidermis and dermis have a realistic retention of suture

Stage 3: Perineal Repair Procedures
For the practice of episiotomy and second degree tear repair.

Skills
- Tissue layer recognition and handling
- Vaginal mucosal suturing
- Deep muscle suturing
- Subcuticular suturing
- Identification and management of perineal tears
- Enables digital rectal examination before and after repair

Features
- The Episiotomy & Perineal Repair Procedure Block represents the following realistic anatomy:
  - perineal skin
  - superficial muscle structure and relevant layer for suturing
- Cost effective: all layers can be sutured repeatedly
- Each Procedure Block presents 3 repair sites (left lateral is pre-incised, with both midline and right lateral uncut)
- Skin surface is washable using soap and water
- Clamps provided to secure Trainer to edge of bench top

Package supplied
- 1 Episiotomy Incision Pad (Pack of 6) Part No: 60451
- 1 Episiotomy & Perineal Repair Pad (Pack of 2) Part No: 60452
- 1 Episiotomy & Perineal Repair Block Part No: 60453
- 1 Perineal Repair Perineum Part No: 60454
- 1 Perineal Repair Techniques Jig Part No: 60455
- 1 Perineal Repair Base & Clip Part No: 60456
- 1 Keele & Staffs Baby Head Part No: 60457
- 2 Bench top clamps

Packed weight (lbs) & dimensions (in)  9.3 12.2 7.1 3.1
Episiotomy Trainer

Part No: 60225

For the practice and repair of episiotomy, and repair of perineal lacerations.

Skills
- Performing an episiotomy
- Tissue layer identification and handling
- Deep musculature suturing
- Subcuticular suturing
- Superficial suturing

Features
- Full procedure can be carried out
- Perineum, vagina and bowel are represented by a replaceable soft tissue pad
- Soft tissue pad contains superficial muscle structure and relevant layers for suturing
- Cost effective: all layers can be sutured repeatedly
- Episiotomy or laceration can be sited to the left, right or directly towards the anus
- Perineum can be distended to replicate delivery
- Skin surface is washable using soap and water
- Clamps stabilize the Trainer during use

Package supplied
- 1 Episiotomy Pad Part No: 60226
- 1 Base
- 2 Clamps

Packed weight (lbs) & dimensions (in) 4.4 lb 5.9 l 11.4 w 11.0 h

FGM Deinfibulation Trainer

Part No: 60470

This new model has been designed to help recognize female genital mutilation (FGM) and perform the surgical reversal procedure of deinfibulation. This model represents Type III FGM.

The idea of adapting the Keele & Staffs Episiotomy Repair Trainer for deinfibulation training was conceived by Mr Abdalla E A Yagoub (Special Registrar in Obstetrics & Gynecology, West Midlands Deanery) and developed by him in collaboration with Mr Khaled M K Ismail and Miss Fidelma O’Mahony from the University Hospital of North Staffordshire.

Skills
- Recognize correct anatomy and classification type of FGM
- Identification of important anatomical landmarks
- Guarding vital anatomy whilst performing a surgical incision
- Suturing skills including knot tying

Features
- Skin layers have realistic retention of sutures
- Finger can be inserted to ‘guard’ the vagina and clitoris whilst incisions are made
- FGM Deinfibulation Upgrade Kit Part No: 60473 fits onto the frame supplied with both the Keele & Staffs Episiotomy Repair Trainer (page 78) and the Sultan Anal Sphincter Trainer (page 79)

Package supplied
- 1 FGM Deinfibulation Perineum Part No: 60471
- 1 FGM Deinfibulation Insert Block Part No: 60474
- 1 FGM Deinfibulation Perineal Skin (Pack of 3) Part No: 60472
- 1 Frame
- 2 Bench top clamps

Packed weight (lbs) & dimensions (in) 4.85 lb 22.0 l 14.2 w 5.1 h
Sultan Anal Sphincter Trainer

Part No: 60227

For practicing the techniques associated with the repair of the internal and external sphincter (3rd & 4th degree tears). Developed in collaboration with Mr Abdul Sultan, Mayday Hospital, Croydon (UK).

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

Features
- The Anal Sphincter Block presents the following realistic anatomy:
  - perineal skin
  - external sphincter
  - internal sphincter
  - mucosa
  - muscle tissue
- All essential layers of tissue can accept sutures
- Each replaceable Anal Sphincter Block presents 2 repair sites (1 site is preincised the other is uncut)
- Quick and easy to prepare and replace during training courses
- Durable, long-lasting perineum and frame
- Clamps provided to secure Trainer to edge of bench top
- Supplied in durable plastic carry case
- Compact and portable

Package supplied
- 1 Anal Sphincter Perineum Part No: 60229
- 1 Anal Sphincter Block Part No: 60228
- 1 Anal Sphincter Block Clip
- 1 Base
- 2 Bench top clamps

Practice deinfibulation on your Sultan Anal Sphincter Trainer by purchasing the FGM Deinfibulation Upgrade Kit Part No: 60473. See page 78.

Identification and exposure of anal sphincter

Suturing anal sphincter

Suturing vaginal mucosa

Suturing anal sphincter

Suturing vaginal mucosa

Completion of repair
**Umbilical Cord**

*Part No: 50143 (Pack of 5)*

Simulated umbilical cord for identifying the vein and arteries and practicing cannulation techniques relevant to an intermediate level of training for resuscitation of the newborn.

**Skills**
- Insertion of cannula into umbilical vein for venous access
- Withdrawal of blood for sampling
- Tying off the umbilical vessels

**Features**
- Non-biological material; no hygiene issues
- Realistic representation of the umbilical vessels – blood filled large vein, two smaller arteries, twisted within a soft tubal structure and simulated Wharton’s Jelly
- Suitable for introduction of catheters up to FG5
- Size to suit Baby Umbi
- Dimensions:
  - 12mm outside diameter
  - 220mm length

**Package supplied**
- 5 Umbilical Cords

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**Translucent Uterus**

*Part No: 60311*

A translucent uterus with normal anatomy for demonstrating placement of IUDs and for use with small diameter hysteroscopes.

**Skills**
- Placement and removal of IUDs
- Insertion, manipulation and removal of instruments

**Features**
- Translucent for visualizing internal anatomy and device placement
- Long-lasting
- Non-dilated

**Package supplied**
- 1 Translucent Uterus

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**Breastmilk Hand Expression Trainer**

*Part No: 40103*

Developed for teaching the techniques required for the hand expression of breast milk. Designed in conjunction with the UNICEF UK Baby Friendly Initiative and it may be particularly useful for staff training in facilities working towards Baby Friendly accreditation.

Its purpose is as a teaching and learning tool for midwives, health visitors and other health care practitioners.

**Skills**
- The technique of hand expression mimics the natural stimulation of breast milk during feeding. There are two stages to this process:
  - the oxytocin reflex (milk ejection or let down reflex)
  - compression of the lactiferous sinuses

**Features**
- The soft foam breast is realistic in shape, texture and proportion, and is warm to the touch
- The model can be presented in two ways: freestanding or held against the body
- The model incorporates four ‘milk’ reservoirs. These mimic the 15 to 20 lactiferous sinuses of the normal

**Package supplied**
- 1 Breastmilk Hand Expression Trainer
- 1 Cleaning pump

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**Umbilical Cord**

*Part No: 50143 (Pack of 5)*

Simulated umbilical cord for identifying the vein and arteries and practicing cannulation techniques relevant to an intermediate level of training for resuscitation of the newborn.

**Skills**
- Insertion of cannula into umbilical vein for venous access
- Withdrawal of blood for sampling
- Tying off the umbilical vessels

**Features**
- Non-biological material; no hygiene issues
- Realistic representation of the umbilical vessels – blood filled large vein, two smaller arteries, twisted within a soft tubal structure and simulated Wharton’s Jelly
- Suitable for introduction of catheters up to FG5
- Size to suit Baby Umbi
- Dimensions:
  - 12mm outside diameter
  - 220mm length

**Package supplied**
- 5 Umbilical Cords

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**Translucent Uterus**

*Part No: 60311*

A translucent uterus with normal anatomy for demonstrating placement of IUDs and for use with small diameter hysteroscopes.

**Skills**
- Placement and removal of IUDs
- Insertion, manipulation and removal of instruments

**Features**
- Translucent for visualizing internal anatomy and device placement
- Long-lasting
- Non-dilated

**Package supplied**
- 1 Translucent Uterus

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**Breastmilk Hand Expression Trainer**

*Part No: 40103*

Developed for teaching the techniques required for the hand expression of breast milk. Designed in conjunction with the UNICEF UK Baby Friendly Initiative and it may be particularly useful for staff training in facilities working towards Baby Friendly accreditation.

Its purpose is as a teaching and learning tool for midwives, health visitors and other health care practitioners.

**Skills**
- The technique of hand expression mimics the natural stimulation of breast milk during feeding. There are two stages to this process:
  - the oxytocin reflex (milk ejection or let down reflex)
  - compression of the lactiferous sinuses

**Features**
- The soft foam breast is realistic in shape, texture and proportion, and is warm to the touch
- The model can be presented in two ways: freestanding or held against the body
- The model incorporates four ‘milk’ reservoirs. These mimic the 15 to 20 lactiferous sinuses of the normal

**Package supplied**
- 1 Breastmilk Hand Expression Trainer
- 1 Cleaning pump

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