

limbs& things

PROMPT FLEX RANGE

Multiple studies show positive outcomes through improved teamwork after a system wide commitment to enduring training.



Designed with, and used by leading worldwide Clinicians. The cost effective, modular nature of the **Birthing Simulator - PROMPT Flex** allows the training and practice of birthing, both normal and difficult, along with several maternal emergencies.

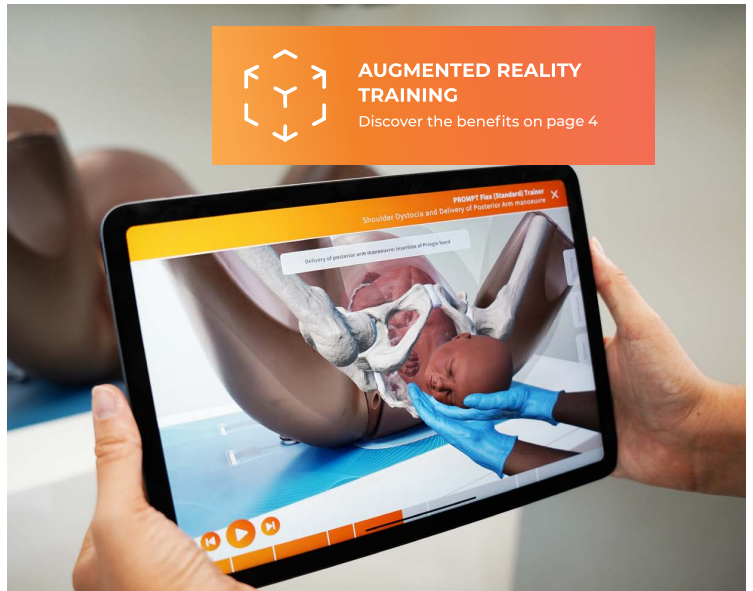
Used with Simulated patients, the key skill of communication can be practiced.

Discover the underlying anatomy using our free Augmented Reality Training app, to build understanding of anatomical structures and contextualise procedural practice with Limbs & Things models.



AUGMENTED REALITY TRAINING

Discover the benefits on page 4

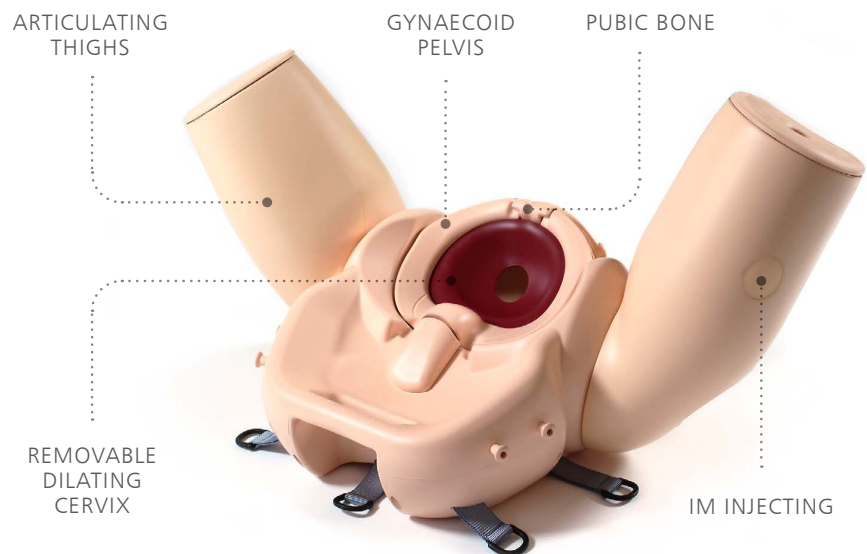


Learning has never been more lifelike
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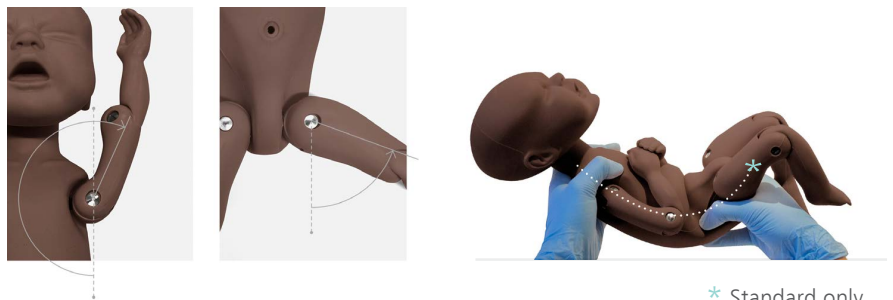
STANDARD & ADVANCED BIRTHING SIMULATOR - PROMPT FLEX

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

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



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



* Standard only

Augmented Reality Training allows learners to explore internal anatomy on their tablet or smartphone while using the physical model.



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>

Birthing Simulator - PROMPT Flex - Standard

80100

80200

A modular design birthing simulator allowing for numerous training scenarios.

Used either for stand-alone training or integrated into hybrid simulation, it is an ideal training solution for all skills relating to routine and difficult deliveries.



Birthing Simulator - PROMPT Flex - Advanced

80106

80206

Incorporates wireless force monitoring where force applied to the baby's head is measured during a shoulder dystocia drill. Includes an app with inbuilt scenarios allowing monitoring and recording of force, interventions made and time taken to deliver the baby.



Tablet not included
Download app at limbsandthings.com



QUALITIES

ANATOMY

- Birth canal and cervix
- Ischial spines and pubic bone
- Gynaecoid pelvis
- Articulating thighs
- IM injecting
- Fully articulated baby with detachable umbilical cord and placenta
- Baby includes clavicles, fontanelles and flexible head

KEY FEATURES

- Improved and more realistic pelvic floor
- Articulating thighs for McRoberts procedure
- Stretchable perineum
- Soft flexible birthing canal
- Additional modules to extend learning
- Optional lower legs for extended realism
- Optional wireless force monitoring for training in shoulder dystocia management
- Visualising anatomy with ART

SAFETY

- Latex free

CLEANING & CARE

- Skin is washable using soap and water

SKILLS

- 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
- App with scenarios & force monitoring
- Understanding of internal anatomy and procedures with ART

WHAT'S INCLUDED

- Birthing Mother (+ Upper Legs)
- Standard Baby
- Wireless Force Monitoring Baby
- Placenta
- Abdomen for PROMPT Flex
- Perineum and Birth Canal
- Bed Straps
- Lubricant
- Wheeled Carry Case
- ART Mat

80100

80106

80200

80206

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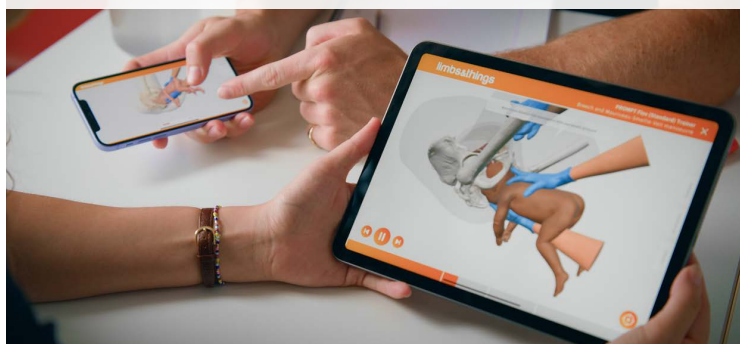
ART
AUGMENTED REALITY
TRAINING

NEW

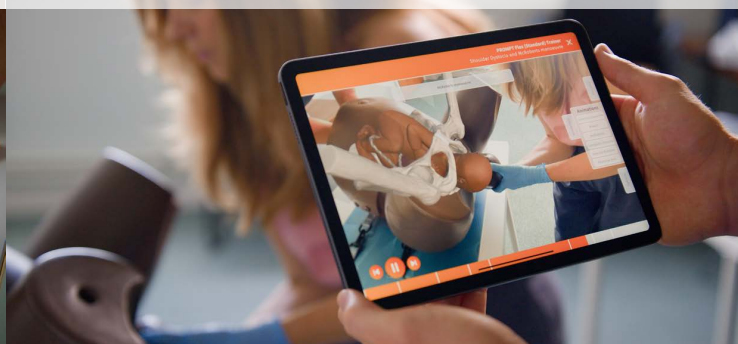


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Dive under the skin and bring learning to life.

Interactive Anatomy



Augmented Reality



Download the app for free

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Use with our compatible trainers

For classroom teaching, combine the app and mat to add context for the learner through augmented reality. They'll be able to associate underlying anatomy with the trainer, bringing increased visual and spatial understanding during procedural practise.

KEY FEATURES & BENEFITS

- Visualise the key pieces internal anatomy
- Rotate anatomy in 360°
- Detailed anatomical labels
- Provides variation in anatomy
- Animation showing different procedures effect on the anatomy
- Linking internal anatomy to physical products and procedures

No licence fees.

SKILLS

- Gaining an increased understanding of internal anatomy
- Increasing knowledge of procedures
- Understanding the anatomical differences in various pathologies

Find out more at
limbsandthings.com/ART



SCAN ME

Cervical Dilatation & Effacement Module (CD&E) - PROMPT Flex

80102

80202

Allows for training in assessment of both the latent and active first stages of labour.

This versatile module is an optional add-on to the PROMPT Flex Standard or Advanced.



Ideal for midwifery training.



Fetal station adjustment (-3 to +3)

Cervical Dilation (1-10cm)

QUALITIES

REALISM

- Realistic representation of cervixes, including anterior lip, and presenting parts in soft birth canal, with palpable ischial spines

KEY FEATURES

- Inserts to represent early labour cervixes - effacement, dilation and ripeness in line with Bishop's scoring
- Positioning mechanism allows adjustment of station, dilation and tilt without removal from the simulator
- Dynamic positioning mechanism allows adjustment of dilation in active labour
- Markers allow tutor to read positioning in situ
- Numerous presenting part inserts including
 - flexed
 - deflexed
 - brow
 - face
 - breech
 - caput and moulding

VERSATILITY

- Presenting parts and cervix can be set up outside the model for demonstration, then placed inside for examination

SAFETY

- Latex free

SKILLS

- Assessment and Bishop's scoring of:
 - Cervical dilation (1-10cm)
 - Cervical effacement (0-100%)
 - Cervical ripeness/consistency (soft, medium, hard)
 - Cervical position (anterior, mid, posterior)
 - Fetal station (-3 to +3)
- Assessment of and artificial rupture of membranes
- Assessment of presenting part - flexed, deflexed, brow, face, breech, caput and moulding and caput formation

WHAT'S INCLUDED

Perineum
Pelvic Ring
Static Rig
Dynamic Rig
Set of 7 Latent Labour Cervixes
Dynamic Cervix
Set of 5 Presenting Parts
Set of 2 Difficult Labour Heads
Amniotic Membrane Set
Set of 3 Caputs (x2)

Assisted Vaginal Birth Module (AVB) - PROMPT Flex

80310

80410

NEW

This module has been developed to work with PROMPT Flex for the practice instrumental delivery procedures using both ventouse and forceps deliveries.

An innovative design allows the ventouse to realistically adhere to the baby's skin, while inserts within the uterus allow for forceps to be inserted and remain in place while the second blade is positioned and gives a realistic level of resistance whilst delivering the baby.



QUALITIES

REALISM

- Forceps are retained in place once inserted
- Realistic suction when attaching a ventouse
- Realistic resistance when delivering the baby

KEY FEATURES

- Tested with a wide range of instruments used during an assisted birth
- The perineum and inserts are designed specifically to give a realistic resistance during delivery
- Additional Baby Mask allows for successful suction when using a vacuum device
- Uterus holds the Baby module in the correct positioning, allowing for "hand's free" training can be used for both cephalic and breech deliveries

VERSATILITY

- This module is compatible with the PROMPT Flex Birthing Simulators, PROMPT Flex Baby models and Birthing Mother base units
- Allows for training in operative vaginal births, including: forceps delivery, ventouse delivery (Kiwi™ cup), breech delivery with Pipers forceps

SAFETY

- This product is latex free

SKILLS

- Direct cephalic delivery with the use of both forceps and ventouse
- Forceps – Classical style (Simpson, Elliot, Tucker Mc-Lane etc.)
- Ventouse (Kiwi™ Cup)
- Breech delivery (Pipers forceps)
- Rotational delivery (Kiellands, Kiwi™ cup)
- Other devices (OdonAssist™)
- Teamwork and human factors training in Assisted Vaginal Birth

WHAT'S INCLUDED

Uterus for AVB
Perineum for AVB
Baby Mask for AVB
Foam Inserts for AVB
Foam Uterus Support

Enhanced Caesarean Section Module (ECSM) - PROMPT Flex

80300

80400

Ideal for practising the necessary skills required when performing both routine and complex caesarean section. Trainees can have exposure to delivering a difficult baby such as an impacted fetal head (IFH), or a transverse lie.

A pre-incised abdomen allows for repeated delivery practice to help improve confidence and familiarity of manoeuvres.



QUALITIES

REALISM

- Abdominal skin has realistic appearance, fat layer and feel of at-term abdomen
- Realistic feel of uterus interior during delivery
- Head and shoulders present at realistic level in relation to the uterine incision

KEY FEATURES

- Uterus holds baby firmly in position for cephalic, breech and transverse presentations
- Fundal pressure can be applied to aid delivery of the baby for IFH manoeuvres
- Pre-incised skin allows easy repeat delivery practice
- Realistically mimics the restrictive space of the pelvic inlet for IFH manoeuvres
- Accommodates retraction using metal, plastic or rubber retractors

VERSATILITY

- Allows for training in routine and complex caesarean section at full dilation

SAFETY

- Latex free



The module can be used to practise any of the following methods of delivering a deeply impacted fetal head:

- Manual cephalic extraction manoeuvres
- Vaginal push up
- Reverse breech extraction (pull technique)
- Patwardhan's technique
- Use of a fetal pillow



SKILLS

- Cephalic and breech delivery
- C-section at full dilation:
 - Head disimpaction using vaginal push methods
 - Use of balloon disimpacting device
 - Reverse breech extraction
 - Patwardhan's techniques
- Transverse lie
- Instrument assisted C-section delivery
- Delivery of the placenta for routine c-sections
- Teamwork and human factors training in emergency C-section

WHAT'S INCLUDED

Perineum
Uterus for Caesarean Section Module
Impacted Fetal Head Uterus
Pre-incised Delivery Skin
Cervix for Caesarean Section Module
Foam Uterus Support
Pelvic Floor

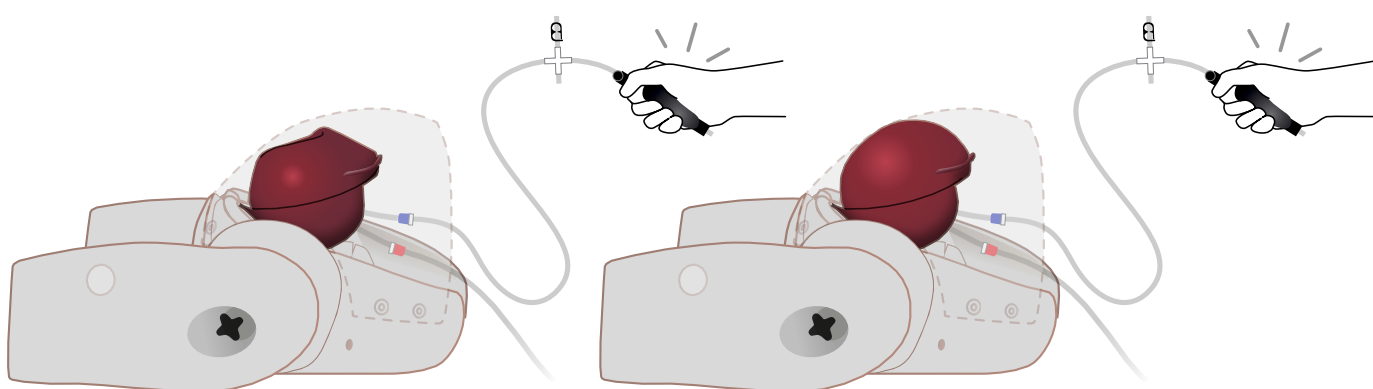
Postpartum Haemorrhage Module - PROMPT Flex

80101

80201

This module is an optional add-on for the Standard or Advanced Birthing Simulators.

It allows training in the management of post-partum bleeding, and offers a realistic simulation of an atonic and contracting uterus.



QUALITIES

REALISM

- Atonic uterus can simulate contraction on fundal massage

KEY FEATURES

- Blood loss of up to 2 litres can be simulated
- Air bulbs are used to stimulate blood flow and control atonic state of the uterus

VERSATILITY

- Can be quickly and easily fitted into the birthing mother to allow simulation of situations where bleeding occurs directly after delivery

SKILLS

- Management of postpartum bleeding:
 - Fundal massage
 - Bi-manual compression
 - Haemostatic balloon insertion and management
- Communication skills with mother when used with Simulated Patient
- Intramuscular injection
- Estimating blood loss

WHAT'S INCLUDED

PPH Uterus Assembly - PROMPT Flex
Concentrated Venous Blood - Starter Pack (x2)
PPH Blood Container - PROMPT Flex



CLEAN BLEED™ MAT

70400

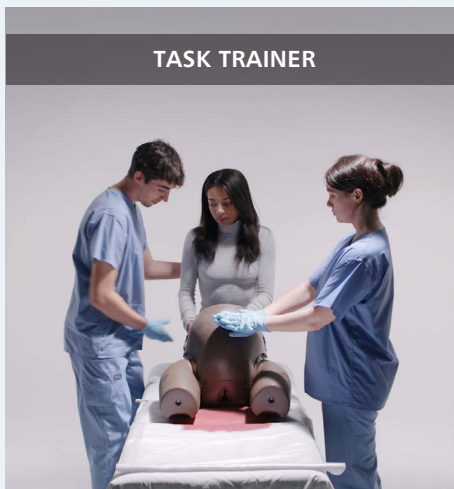
By increasing realism,
we develop true to life
responses.

The Clean Bleed™ Mat is independent of any training system
and can be used alongside both simple and complex training models
(as well as simulated patients) for use in simulation.

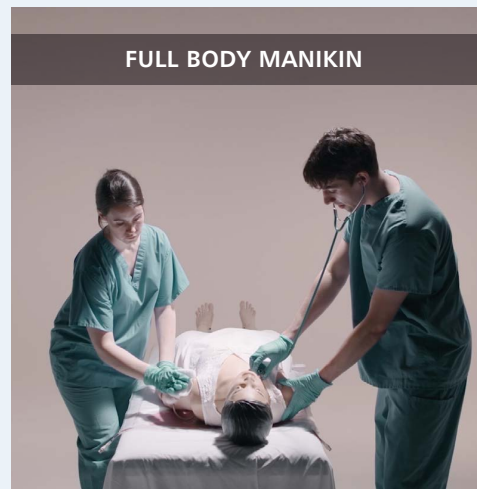
SIMULATED PATIENT



TASK TRAINER



FULL BODY MANIKIN



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

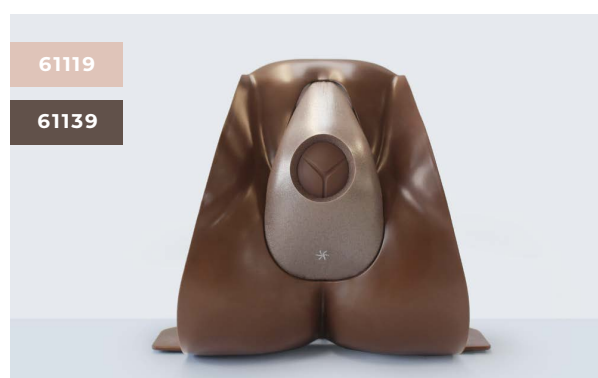
VERSATILITY

- 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

PROMPT FLEX RANGE

OVERVIEW

	Light	Dark
Birthing Simulator - PROMPT Flex - Standard	80100	80200
Birthing Simulator - PROMPT Flex - Advanced	80106	80206
Cervical Cerclage Module (CCM) - PROMPT Flex	80180	80280
Cervical Dilatation & Effacement Module (CD&E) - PROMPT Flex	80102	80202
Assisted Vaginal Birth Module (AVB) - PROMPT Flex	80310	80410
Enhanced Caesarean Section Module (ECSM) - PROMPT Flex	80300	80400
Postpartum Haemorrhage Module - PROMPT Flex	80101	80201
Midline Perineal Repair Trainer	61140	61150
Mediolateral Perineal Repair Trainer	61141	61151
Anal Sphincter Repair Trainer	61102	61122
Episiotomy Trainer	61119	61139

PROMPT FLEX Range works with:

ART Mat for PROMPT Flex	60133
Clean Bleed™ Mat	70400



REQUEST A QUOTE



REQUEST A DEMO



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CUSTOMER SUPPORT

UK V.13 July 2024

Limbs & Things

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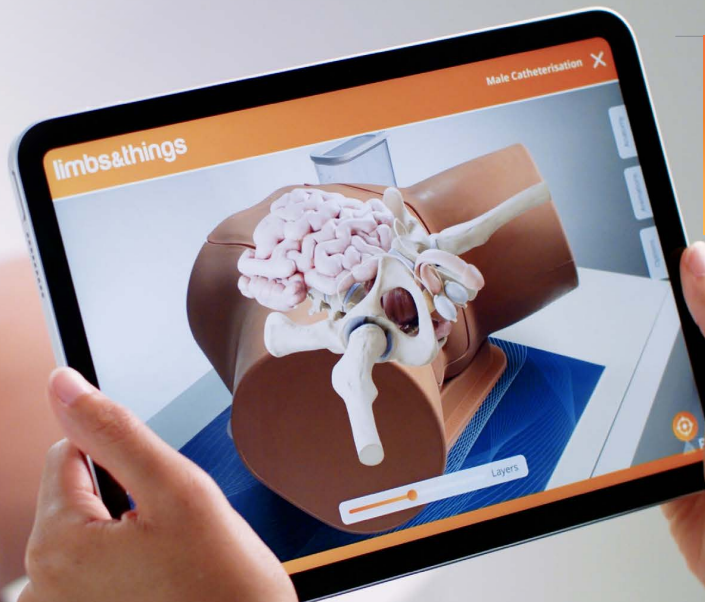
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SCAN ME

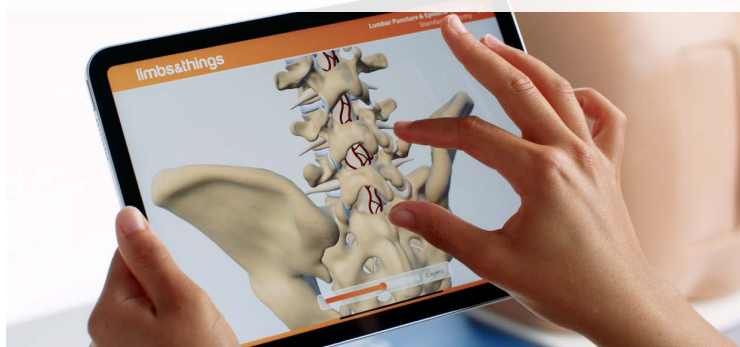


ART
AUGMENTED REALITY
TRAINING

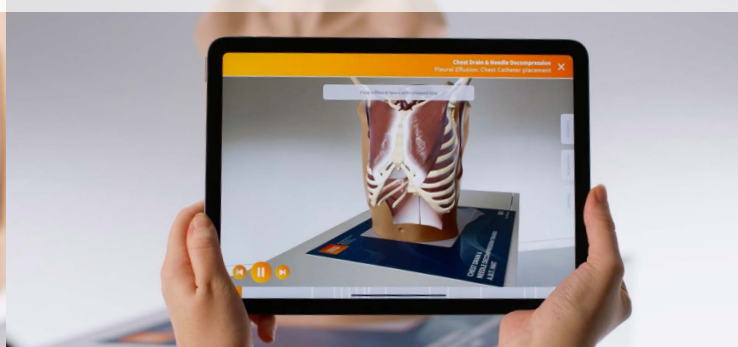


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Interactive



Augmented Reality



Download the app for free

Free to download, learners can explore the anatomy of some of our core training models in interactive 3D. Visualise key anatomical structures with 360° rotation and detailed labels to help build understanding ahead of classroom learning or during revision.

Use with our compatible trainers

Pair the app with one of our compatible training models and an ART mat to unlock Augmented Reality learning. Students can use the app on their own devices to explore the model in depth, learning to conceptualise anatomical structures.

KEY FEATURES & BENEFITS

- Visualise the key pieces internal anatomy
- Rotate anatomy in 360°
- Detailed anatomical labels
- Provides variation in anatomy
- Animation showing different procedures effect on the anatomy
- Linking internal anatomy to physical products and procedures

No licence fees.

SKILLS

- Gaining an increased understanding of internal anatomy
- Increasing knowledge of procedures
- Understanding the anatomical differences in various pathologies

Find out more at
limbsandthings.com/ART



SCAN ME

Catheterisation Trainer Range



INCLUDES
**AUGMENTED REALITY
TRAINING**

Discover the benefits on page 2

The range facilitates the teaching of urethral and suprapubic catheterisation across all levels of training.

Interchangeable modules offer the ability to view the catheter path when performing the procedure, whilst the suprapubic module allows for practising the more advanced skills of suprapubic management and ultrasound guided insertion.

Male
Catheterisation
Trainer

☒ **UNDERGRADUATE**
☐ POSTGRADUATE

60850

60870

Female
Catheterisation
Trainer

☒ **UNDERGRADUATE**
☐ POSTGRADUATE

60851

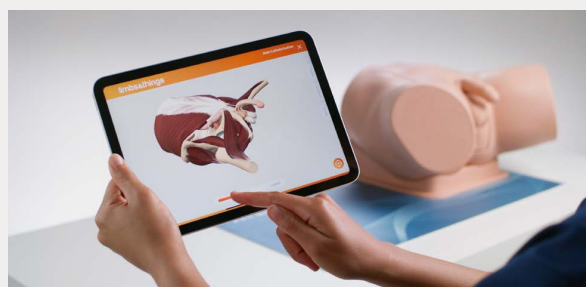
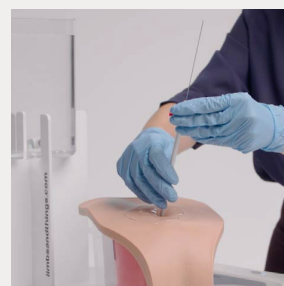
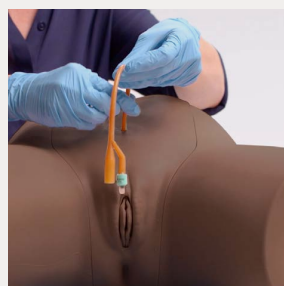
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Suprapubic
Insertion Unit

☐ UNDERGRADUATE
☒ **POSTGRADUATE**

60852

60873



limbs&
things

CHEST DRAIN & NEEDLE DECOMPRESSION TRAINER

60230

61230

Our Chest Drain and Needle Decompression Trainer has been designed to meet the specific requirements of healthcare professionals training in surgical or guidewire-assisted thoracostomy and thoracentesis.

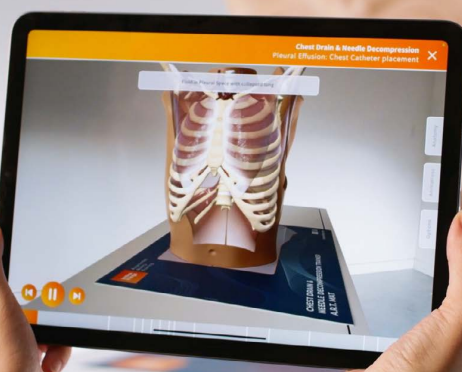
This product allows for a variety of chest drain insertion techniques to be performed including ultrasound-guided techniques.

Discover the underlying anatomy using our free Augmented Reality Training app, to build understanding of anatomical structures and contextualise procedural practice with Limbs & Things models.



AUGMENTED REALITY TRAINING

Discover the benefits on back page



Learning has never been more lifelike

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A COST EFFECTIVE SOLUTION FOR THE ATLS 10TH EDITION COURSE FROM THE AMERICAN COLLEGE OF SURGEONS

The Chest Drain & Needle Decompression Trainer has been designed to meet the specific requirements of healthcare professionals training in surgical or guidewire-assisted thoracostomy and thoracentesis.

This product allows for a variety of chest drain insertion techniques to be performed including ultrasound-guided techniques.

This model includes Augmented Reality Training

TESTED BY LEADING ATLS EDUCATORS

- 1 *Blunt dissection*
- 2 *Chest tube insertion*
- 3 *Seldinger technique*
- 4 *Internal anatomy visible under ultrasound*
- 5 *Realistic needle decompression*
- 6 *Augmented Reality Training (ART)*



PRODUCT QUALITIES

ANATOMY

- Representation of adult male thorax with arms raised
- Bony and soft tissue landmarks: manubriosternal joint, clavicles, ribs, pectoralis major and latissimus dorsi
- Internal ultrasound anatomy: diaphragmatic structures and collapsed lung

REALISM

- Can give the impression of breathing under ultrasound when using the advanced pad
- Needle decompression air reservoirs provide realistic release of air on insertion of needle

KEY FEATURES

- Reservoirs can be filled with fluid or mock blood to represent pleural effusion
- Bilateral chest drain and needle decompression pads
- Visualising anatomy with ART

VERSATILITY

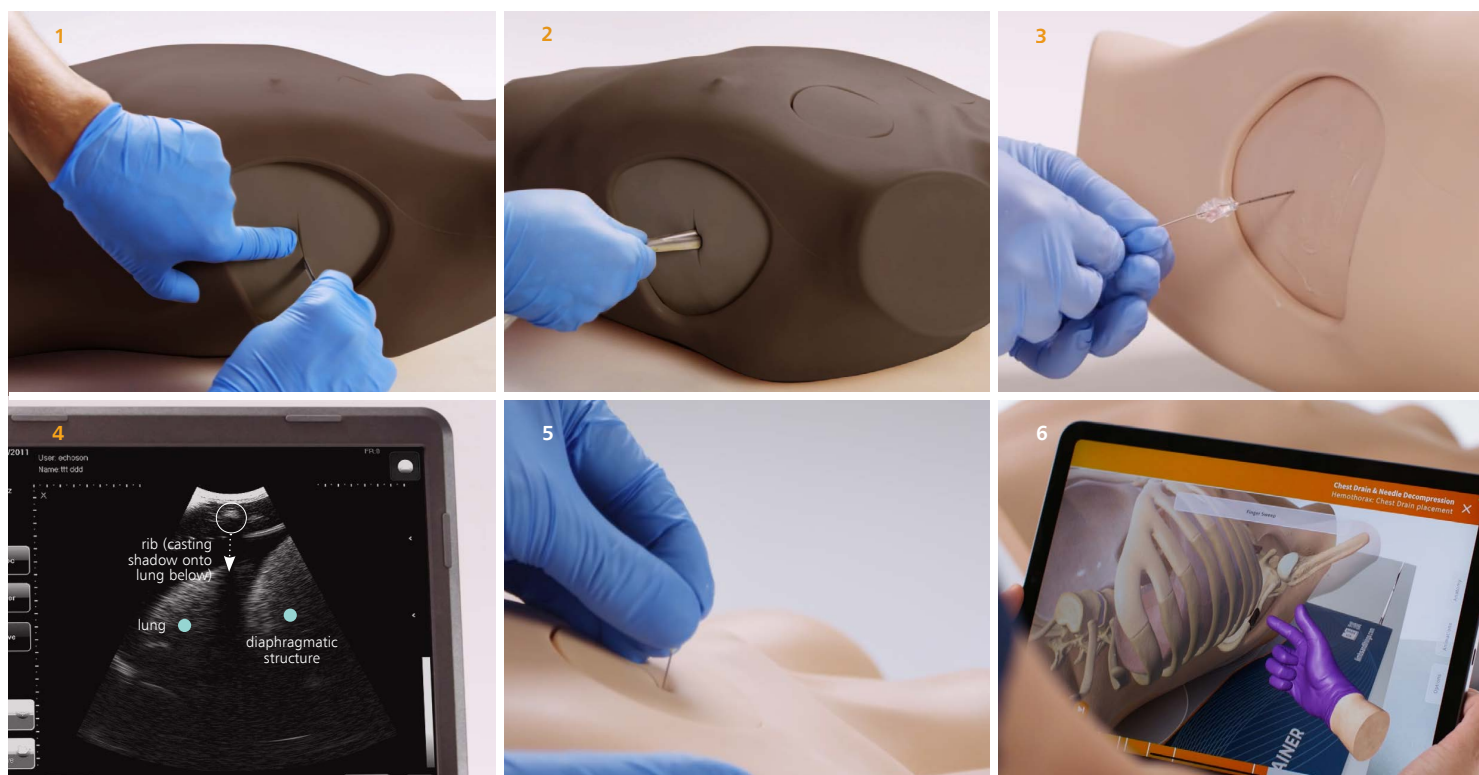
- Suitable for supine, sitting or leaning forwards positions
- Works with thoracic seals when using the standard pad
- Affordable replaceable pads

SAFETY

- Latex free

SKILLS GAINED

- Needle decompression of a tension pneumothorax (at both the 2nd and 5th intercostal space)
- Ultrasound-guided chest drain insertion (Seldinger-type), including insertion of needle under direct vision, and ultrasonic recognition of chest structures
- Open, or cut-down chest drain insertion: recognition of correct position, surgical incision, blunt dissection through chest wall, perforation of pleura, and finger sweep
- Suture of tube to chest wall
- Management of pleural effusion
- Increased understanding of internal anatomy and procedures with ART



PAD FEATURE COMPARISON

	60232	60234
	61232	61233
• Ultrasoundable	✓	×
• Use with liquids	✓	×
• Effusion	✓	×
• Haemothorax simulation	✓	×
• Pleural layer	✓	✓
• Blunt dissection	✓	✓
• Seldinger technique	✓	×
• Can be sutured	✓	✓
• Needle insertion	✓	✓
• Guidewire insertion	✓	✓
• Dilator insertion	✓	✓
• Drain tube insertion	✓	✓
• Use with adhesive dressings	✓	✓
• Shows respiratory swing	✓	×
• Latex free	✓	✓

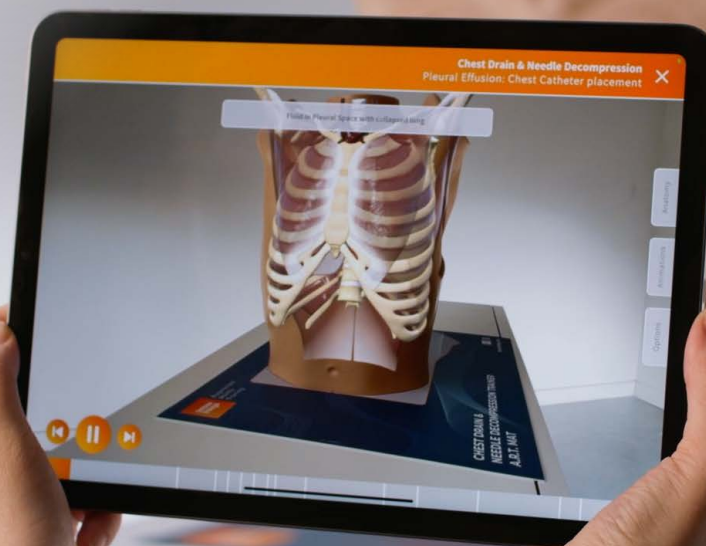
WHAT'S INCLUDED

	60230	61230
Needle Decompression Pads (x2)		
Advanced Chest Drain Pads (x2)		
Standard Chest Drain Pads (x2)		
Chest Drain Rib Frame (Left)		
Chest Drain Rib Frame (Right)		
Chest Drain Lungs (x2)		
Chest Drain Diaphragms (x2)		
Chest Drain Ribs (x12)		
Chest Drain Pump: Respiratory Swing		
Chest Drain Pump: Needle Decompression		
Chest Drain Slotted Retaining Knobs		
Key with Keyring		
Torso		
Carry Case		
ART Mat		



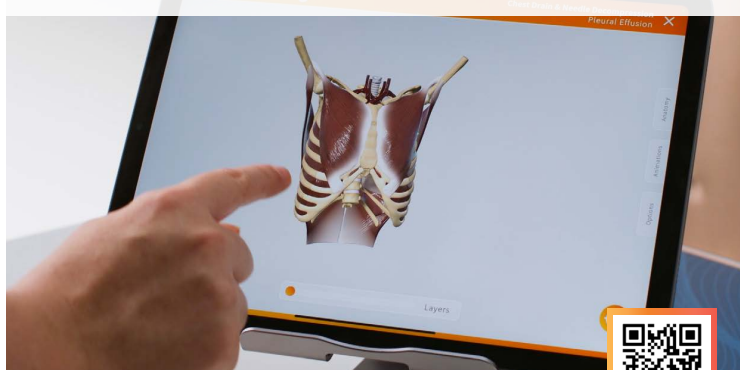
ART
AUGMENTED REALITY
TRAINING

NEW



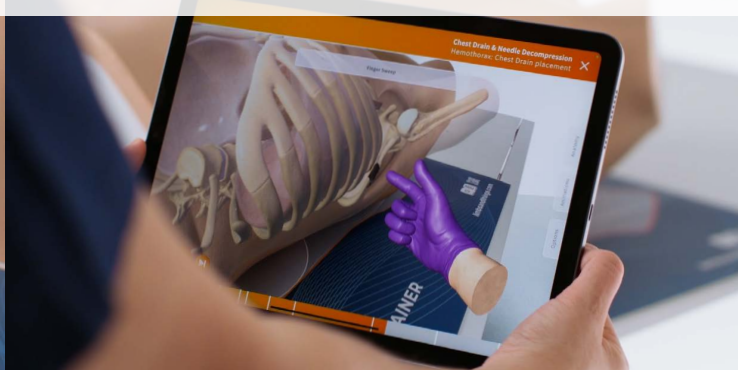
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