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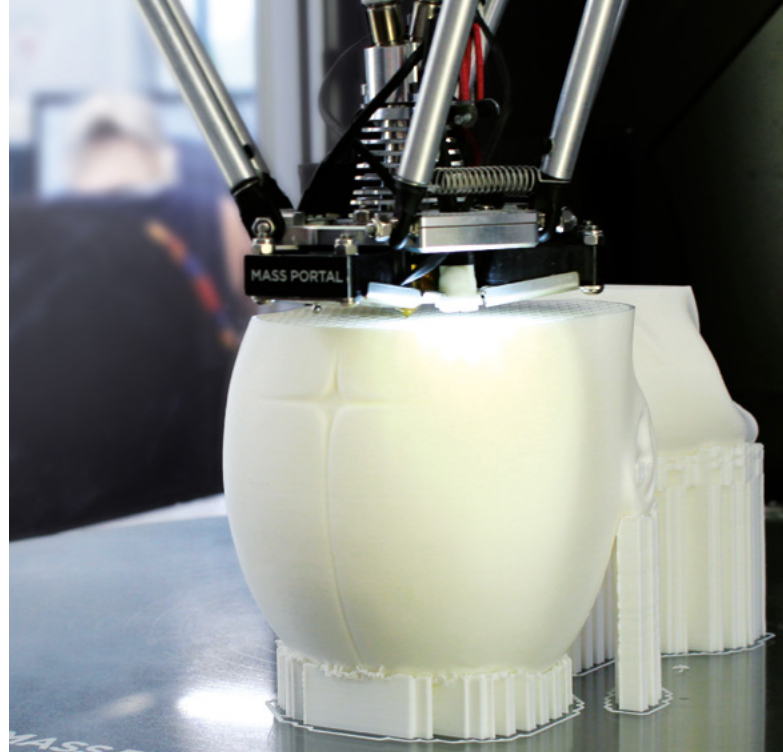
helping save lives



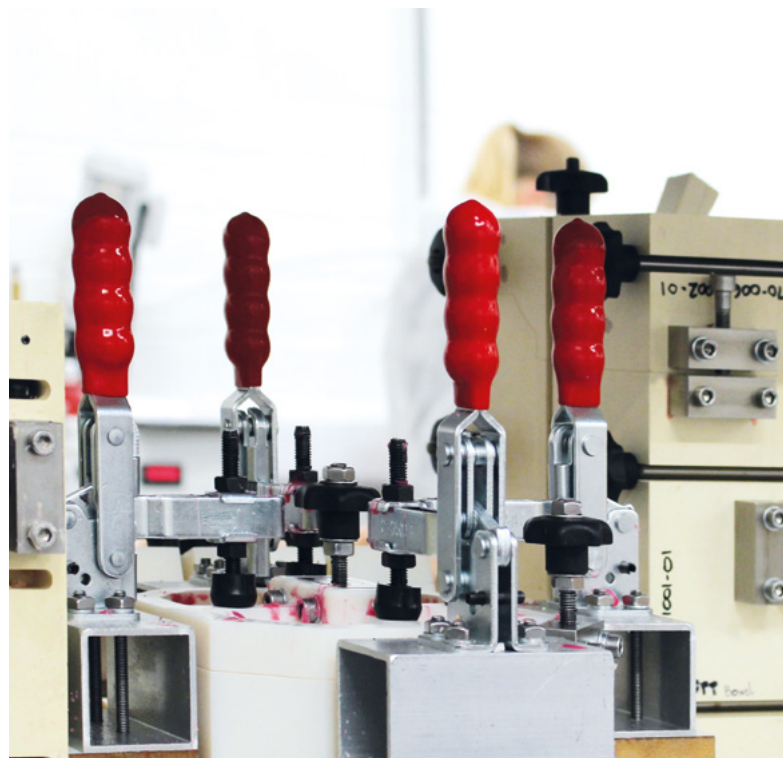
limbs&things

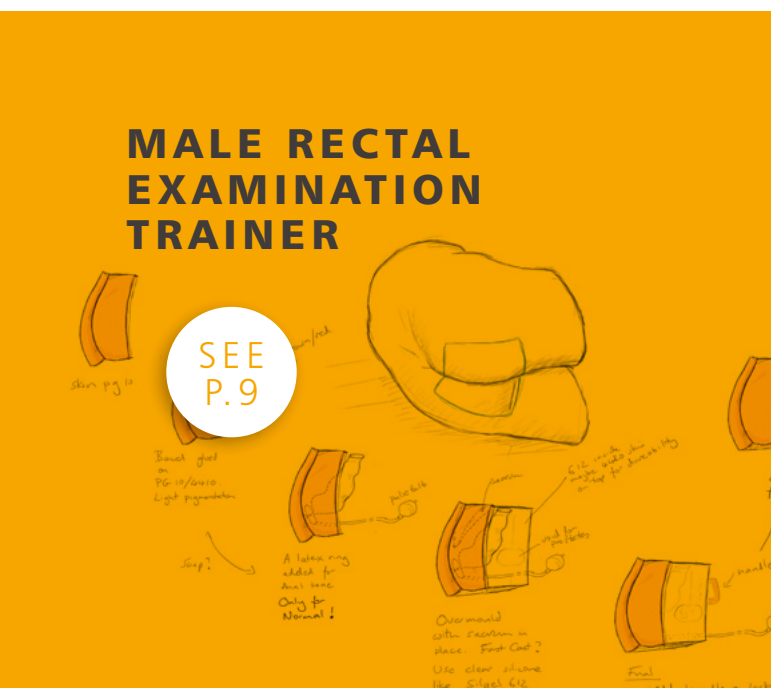
CATALOGUE

2019



LIMBS & THINGS COMBINES MEDICAL EXPERIENCE, DESIGN EXPERTISE AND INNOVATION TO CREATE MODELS THAT ARE RENOWNED FOR BEING ANATOMICALLY ACCURATE AND PROCEDURALLY CORRECT.





CATEGORY CONTENTS

PHYSICAL EXAMINATION SKILLS

FEMALE EXAMINATION	6
MALE EXAMINATION	9
ABDOMINAL EXAMINATION	12

PROCEDURAL SKILLS

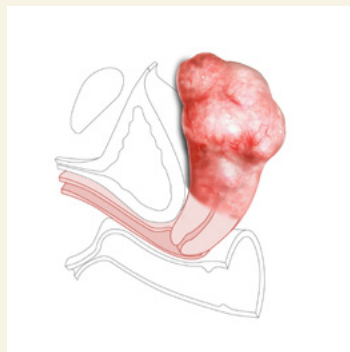
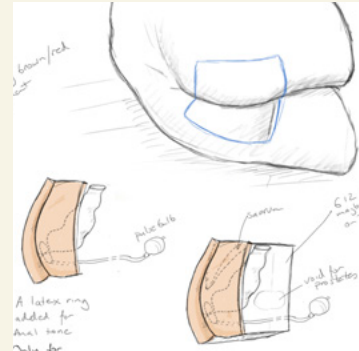
URINARY CATHETERISATION	16
PARACENTESIS	18
CHEST TRAUMA MANAGEMENT	20
VENEPUNCTURE	22
INJECTION TECHNIQUE	26
CENTRAL LINE MANAGEMENT	26

SPECIALIST SKILLS

BASIC SURGICAL SKILLS	28
MINOR SURGERY	30
GYNAECOLOGY	32
OBSTETRICS & MIDWIFERY	34

PRODUCT RANGES

UNDERGRADUATE MEDICINE	44
NURSE TRAINING	45
OBSTETRICS & MIDWIFERY	46
OSCE TRAINING	47



PHYSICAL EXAMINATION SKILLS

CLINICAL FEMALE PELVIC TRAINER (CFPT) MK 3 - STANDARD & ADVANCED

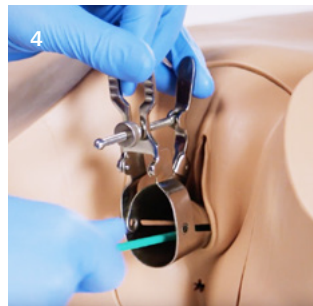
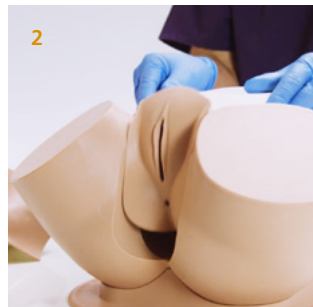
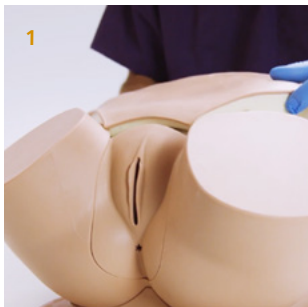
60900**STANDARD**Simulated
Patient

The CFPT Mk 3 is an anatomically accurate and tactile representation of the female pelvis. It is the ideal platform for hands-on examination as well as diagnosis of female conditions and minor pathologies. It can be used for many levels of training from undergraduate onwards, as well as in family health.

Validated in the *International Journal of Gynaecology and Obstetrics*. Volume 124, pp. 270-3, 2014.

SKILLS

- Recognition of perineal and pelvic anatomy including bony landmarks
- Digital vaginal examination
- Bi-manual examination
- Cervical smear procedure (including use of speculum)
- Digital rectal examination
- Professional-to-patient communication



- 1 Abdominal wall lifts off...
- 2 ... allowing uterine module to be lifted out
- 3 Bi-manual examination
- 4 Use of speculum and cervical broom

QUALITIES

ANATOMY

- Abdomen, pelvis and genitalia
- Vagina, cervix, anus and lower bowel
- Advanced model comes with interchangeable uterine modules with different complications
- Modules:
 1. Normal - Nulliparous Cervix
 2. Large Fibroid - Nulliparous Ectropion Cervix
 3. Small Fibroid - Nulliparous Polyp Cervix
 4. Ovarian Cyst - Multiparous Cervix
 5. Retroverted - Multiparous Cervix
 6. 10-12 Weeks Pregnant
 7. 14-16 Weeks Pregnant

REALISM

- Abdominal wall with fat layer makes palpation realistic
- Labia can be parted realistically
- Each uterus is presented at the correct anatomical angle

KEY FEATURES

- Partial thighs aid anatomical orientation
- Soft and strong perineum and labia

VERSATILITY

- Abdominal wall can be removed quickly and easily
- Modules can be changed quickly and easily

SAFETY

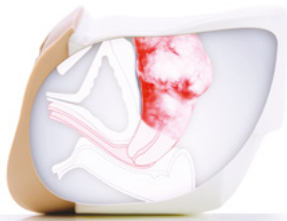
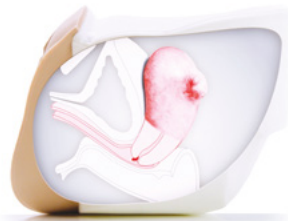
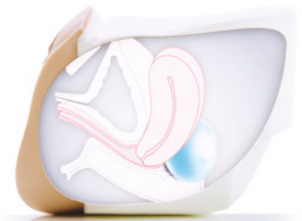
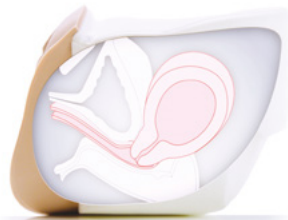
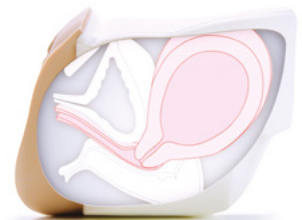
- Latex free

CLEANING & CARE

- Skin surface is washable using soap and water

60905 ADVANCEDSimulated
Patient

INCLUDES 7 MODULES

**60920 Module 1:**
Normal - Nulliparous Cervix**60921 Module 2:**
Large Fibroid - Nulliparous Ectropion Cervix**60922 Module 3:**
Small Fibroid - Nulliparous Polyp Cervix**60923 Module 4:**
Ovarian Cyst - Multiparous Cervix**60924 Module 5:**
Retroverted - Multiparous Cervix**60925 Module 6:**
10-12 Weeks Pregnant**60926 Module 7:**
14-16 Weeks Pregnant

► Images above are for information purposes & show a simplified representation of anatomy within the CFPT Modules

CONTAINS**60900****60905**

- **60910** CFPT Abdominal Insert
- **60920** CFPT Module 1: Normal - Nulliparous Cervix
- **60921** CFPT Module 2: Large Fibroid - Nulliparous Ectropion Cervix
- **60922** CFPT Module 3: Small Fibroid - Nulliparous Polyp Cervix
- **60923** CFPT Module 4: Ovarian Cyst - Multiparous Cervix
- **60924** CFPT Module 5: Retroverted - Multiparous Cervix
- **60925** CFPT Module 6: 10-12 Weeks Pregnant
- **60926** CFPT Module 7: 14-16 Weeks Pregnant
- Lower torso
- Base
- Tube of aqueous gel
- Carry case

✓
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✓
✓(x2)**Patents granted**

• US6336812 • EP099027 • DE69804793 • CA 2293585 • ZL98806331 • HK1023832 • 755575 Australia

BREAST EXAMINATION TRAINER - STANDARD, ADVANCED & BASIC

40200	STANDARD
40201	ADVANCED
40202	BASIC
Simulated Patient	



- 1 Pathologies fit securely into supports
- 2 Clavicular and axilla pads for accurate lymph node placement
- 3 Breasts can be worn by a simulated patient
- 4 Self Breast Examination training

Our Breast Examination Trainer provides a highly realistic learning platform for acquiring the skills required to perform Clinical Breast Examination (CBE). Featuring 6 readily interchangeable and multi-positional pathologies, providing healthcare professionals with the tools to identify various complications and pathologies, including carcinomas, cysts, fibrocystic disease and fibroadenoma. Both Simulated Patient and bench top training can be used for any undergraduate programs

running OSCEs or healthcare professionals promoting best practice techniques to trainees and patients.

This product was developed in close collaboration with leading clinicians:

- Mr Peter Donnelly, Torbay Hospital, UK
- Clinical Skills Resources Centre, University of Liverpool, UK
- Clinical Practice Centre, St James's University Hospital, Leeds, UK

QUALITIES

ANATOMY

- Realistic soft tissue breast anatomy
- Pathologies supplied: carcinomas: 2cm, 3cm, 5cm, cyst, fibrocystic disease, fibroadenoma

REALISM

- Soft tissue breasts look and feel realistic
- Clavicular and axilla pads for accurate lymph node placement

KEY FEATURES

- Pathologies can be placed in various predetermined location points and are easily changeable
- Dual purpose product: bench top and Simulated Patient
- Hard torso available for bench top use

VERSATILITY

- Comfortable to wear for long periods of time during OSCEs and assessments

SAFETY

- Latex free

CLEANING & CARE

- Skin surface is washable using soap and water

SKILLS

- Clinical Breast Examination (CBE)
- Self Breast Examination (SBE)
- Identification of anatomical landmarks
- Identification of lymph nodes (axillary, supra and infraclavicular)
- Location and diagnosis of pathologies
- Professional-to-patient communication

CONTAINS

	ADV	STD	BASIC
• Wearable Examination Breasts	✓	✓	✓
• 40204 Pathologies	✓	✓	✓
• 40205 Breast Examination Inserts	✓	✓	✓
• 40206 Breast Pathologies Supports	✓	✓	✓
• 40207 Breast Back Plates	✓	✓	✓
• 40208 Breast Examination Torso	✓	✓	✗
• 40203 Lymph Node Pads + Lymph Nodes	✓	✗	✗

OPTIONAL EXTRAS

- 40209 Medium Carry Case

Patents granted

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MALE RECTAL EXAMINATION TRAINER - STANDARD & ADVANCED

60170	STANDARD
60171	ADVANCED
Simulated Patient	



This brand new trainer offers realistic, repeatable training in the core skill of digital rectal or PR examination.

The Advanced model comes with a range of prostates and 2 perineums, allowing trainees to become familiar with normal and abnormal findings and acquire key diagnostic skills. External ano-rectal illustrations are ideal for incorporation into scenarios and OSCE assessments.

The Standard model focuses on learning core rectal nursing procedures and excludes the pathologies.

Both models offer a contractible anal sphincter, allowing for anal tone assessment and a faecal impaction clip in module.



QUALITIES

* Advanced model

ANATOMY

- Buttocks, anus, rectum, prostate and perineum
- Pathological perineum – with polyp and rectal cancer*
- 4 abnormal prostates*:
 - Benign unilateral enlarged
 - Benign bilateral enlarged
 - Unilateral carcinoma
 - Bilateral carcinoma

REALISM

- Soft, partable buttocks
- Realistic anus with resting tone and ability to contract

KEY FEATURES

- Simulation of sphincter contraction allows trainees to assess anal tone
- Interchangeable prostates can be quickly and easily inserted, out of sight of the trainee*
- Left lateral positioning
- Addition of impacted faecal matter allows trainees to recognise and distinguish this common finding
- High quality illustration pack of 9 external anal conditions*

VERSATILITY

- Trainer can also be presented in 'semi-standing' position using the optional Standing Position Stand (**60172**)

SAFETY

- Latex free

SKILLS

- Digital examination of the anus, rectum and prostate
- Assessment of anal tone
- Identification of faecal matter in the rectum
- Identification of external ano-rectal conditions*
- Professional to patient communication

CONTAINS

	60170	60171
• 60177 Base Unit	✓	✓
• 60174 Left Lateral Stand	✓	✓
• 60175 Normal Perineum with Anal Tone	✓	✓
• 60176 Pathological Perineum Anal Tone	✗	✓
• 60179 Normal Prostate	✓	✓
• 60180 Benign Unilateral Enlarged Prostate	✗	✓
• 60181 Benign Bilateral Enlarged Prostate	✗	✓
• 60182 Unilateral Carcinoma Prostate	✗	✓
• 60183 Bilateral Carcinoma Prostate	✗	✓
• 60184 Impacted Faecal Matter	✓	✓
• 60173 External Conditions Illustration Pack	✗	✓
• Lubricant	✓	✓

OPTIONAL EXTRAS

- **60172** Standing Position Stand
- **40209** Medium Carry Case

CLINICAL MALE PELVIC TRAINER (CMPT) MK 2 - STANDARD & ADVANCED

60950 STANDARD

Our anatomically accurate trainer is an ideal platform for teaching and learning hands-on male pelvic examination and diagnosis.

The user-friendly design, combined with clear anatomic landmarks and a range of male conditions and pathologies creates a realistic training experience for students across all levels of healthcare education from undergraduate level upwards.

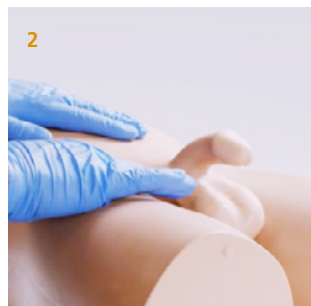
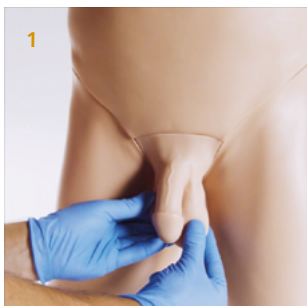
Validated in the *Journal of Surgical Education*
Volume 74, Issue 3, May–June 2017.

Developed in collaboration with:

- The Clinical Skills Resource Centre, University of Liverpool, UK
- Imperial College, London, UK
- Guys Hospital, London, UK
- Southmead Hospital, Bristol, UK
- University of Southampton, UK

SKILLS

- Correct examination procedure of male pelvis
- Examination and evaluation of:
 - Normal anatomy
 - Testicular abnormalities
 - Abdominal and pelvic pain
- Dry catheterisation
- Professional-to-patient communication



- 1 Realistic training experience
- 2 Pelvic examination (supine position)
- 3 Penile cancer
- 4 Diagnosis of pathologies

QUALITIES

ANATOMY

– Abdomen, pelvis and genitalia

Anatomy of the groin with clear anatomical landmarks:

- Anterior Superior Iliac Spine (ASIS)
- Pubic symphysis and tubercles

Genitalia includes:

- Penis - both circumcised and non-circumcised
- Scrotum - containing testicles with epididymis and vas deferens

Pathologies (Advanced model only):

- Varicocele
- Testicular tumour and penile cancer
- Epididymal cyst
- Hydrocele
- Orchitis / Epididymo-orchitis
- Indirect inguinal hernia

REALISM

– Soft tissue genitals and abdominal wall

VERSATILITY

- Soft tissue inserts can be removed and replaced
- Can be used in 2 positions (standing and supine)

SAFETY

– Modules 5 & 7 contain latex

CLEANING & CARE

– Skin surface is washable using soap and water

60951 ADVANCED

INCLUDES 7 MODULES

**60952 Module 1:**
Normal**60953 Module 2:**
Varicocele**60954 Module 3:**
Testicular Tumours and Penile Cancer**60955 Module 4:**
Epididymal Cysts**60956 Module 5:**
Hydrocele**60957 Module 6:**
Orchitis/Epididymo-orchitis**60958 Module 7:**
Indirect Inguinal Hernia

► Images above are for information purposes & show a simplified representation of anatomy within the CMPT Modules

CONTAINS

	60950	60951
• 60952 CMPT Module 1: Normal	✓	✓
• 60953 CMPT Module 2: Varicocele	✗	✓
• 60954 CMPT Module 3: Tumours	✗	✓
• 60955 CMPT Module 4: Epididymal Cysts	✗	✓
• 60956 CMPT Module 5: Hydrocele	✗	✓
• 60957 CMPT Module 6: Orchitis/Epididymo-orchitis	✗	✓
• 60958 CMPT Module 7: Indirect Inguinal Hernia	✗	✓
• 60959 CMPT Abdominal Insert	✓	✓
• 60960 CMPT Pubic Bone	✓	✓ (x2)
• 60961 CMPT Foreskins Pack (each pack contains 2 foreskins & 3 lubricant sachets)	✓	✓ (x2)
• Lower torso	✓	✓
• Support base	✓	✓
• LED pen torch	✗	✓
• Carry case	✓	✓ (x2)

Patents granted

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ABDOMINAL EXAMINATION TRAINER

60000

Simulated Patient

An anatomically accurate adult male torso, used to teach and practise the palpation, auscultation and percussion elements of abdominal or gastrointestinal (GI) examination. Ideal for OSCE preparation and assessment.

With interchangeable organs of varying sizes, and an integral MP3 player providing realistic sounds, the trainer provides the ability to recognize and differentiate a range of abnormal organs and pathologies.



ANATOMY

- Torso featuring abdomen, pelvis and lower part of thorax
- Bony landmarks include ribs, costal margin, xiphisternum, pubic crest and anterior superior iliac spines
- 3 Livers: slightly enlarged, enlarged with smooth edge and enlarged with irregular edge
- 2 Spleens: slightly enlarged and markedly enlarged
- 2 Enlarged Kidneys
- Distended Bladder
- 2 Aortas: normal and aneurysmal
- Set of 6 Abdominal Pathologies includes:
 - 4 Smooth masses: 2 sizes, each with hard and soft version
 - 2 Irregular hard masses
- Distension Set includes:
 - Ascites bag
 - Gaseous Distension bag, pump and foam insert
- Simplified representation of lower thoracic & lumbar spine

You may also be interested in:
PARACENTESIS TRAINER
 See page 18



SKILLS

- Familiarity with the abdominal regions and underlying anatomy
- Practice in abdominal palpation, auscultation and percussion
- Ability to differentiate normal from abnormal anatomy
- Identification of ascites, specifically shifting dullness and fluid thrill
- Identification of gaseous distension and bowel obstruction
- Ballotement of kidneys
- Professional-to-patient communication

CONTAINS

- | | |
|---|---|
| • 60005 Abdominal Examination Base Unit | • 60012 Abdominal Examination Kidneys (x2) |
| • 60006 Abdominal Examination Skin | • 60013 Abdominal Examination Bladder |
| • 60007 Abdominal Examination Rectus Bag | • 60014 Abdominal Examination Pathologies (Set of 6) |
| • 60008 Abdominal Examination Organ Locator | • 60015 Abdominal Examination Aortas (Set of 2) |
| • 60009 Abdominal Wall | • 60016 Abdominal Examination - Distension Set |
| • 60010 Abdominal Examination Livers (Set of 3) | • 60053 International 5V DC Power Supply |
| • 60011 Abdominal Examination Spleens (Set of 2) | • AA Batteries (x4) |
| | • Carry case (x2) |



- 1 Trainer with skin removed
- 2 Interchangeable organs and pathologies
- 3 Ballottement of kidneys
- 4 Training in auscultation
- 5 Gaseous distension and ascites simulation

QUALITIES

REALISM

- Organs feel realistic on palpation and respond appropriately to percussion
- Lifelike quality of abdominal skin accommodates stretching for gaseous distension and ascites simulation
- Realistic ballottement of enlarged kidney

VERSATILITY

- Abdominal skin is simple to remove, allowing quick and easy changeover of organs
- Suitable for both bench top use and hybrid use with Simulated Patient
- Model can be rolled onto side for examination of ascites and shifting dullness

KEY FEATURES

- Interchangeable organs and pathologies of varying sizes can be quickly and easily inserted into the abdomen
- Trainer or Simulated Patient can vary respiratory movement of liver and spleen by the turn of a wheel

- Integral amplifier and surface mounted MP3 player allow training in auscultation of normal and high-pitched or obstructed bowel sounds, renal and aortic bruits - in variable locations
- Volume of bowel sounds can be adjusted and MP3 player allows for additional sounds to be loaded
- Distension set allows for the following:
 - Realistic checking for ascites using percussion, shifting dullness or fluid thrill technique
 - Simulation of bowel obstruction on percussion and auscultation
- Pulse bulb allows simulation of normal and aneurysmal aortic pulse

SAFETY

- Latex free
- Weight of model is within male and female health and safety limits for lifting to chest height

CLEANING & CARE

- Skin surface is washable using soap and water

Want to see how a product works?

Our YouTube channel is full of short, informative product videos showing you how each trainer works. It's a great resource for understanding how a trainer can enhance your existing programme.

Visit www.youtube.com/limbsandthings



limbsandthings.com





PROCEDURAL SKILLS

ADVANCED CATHETERISATION TRAINER - COMPLETE SET

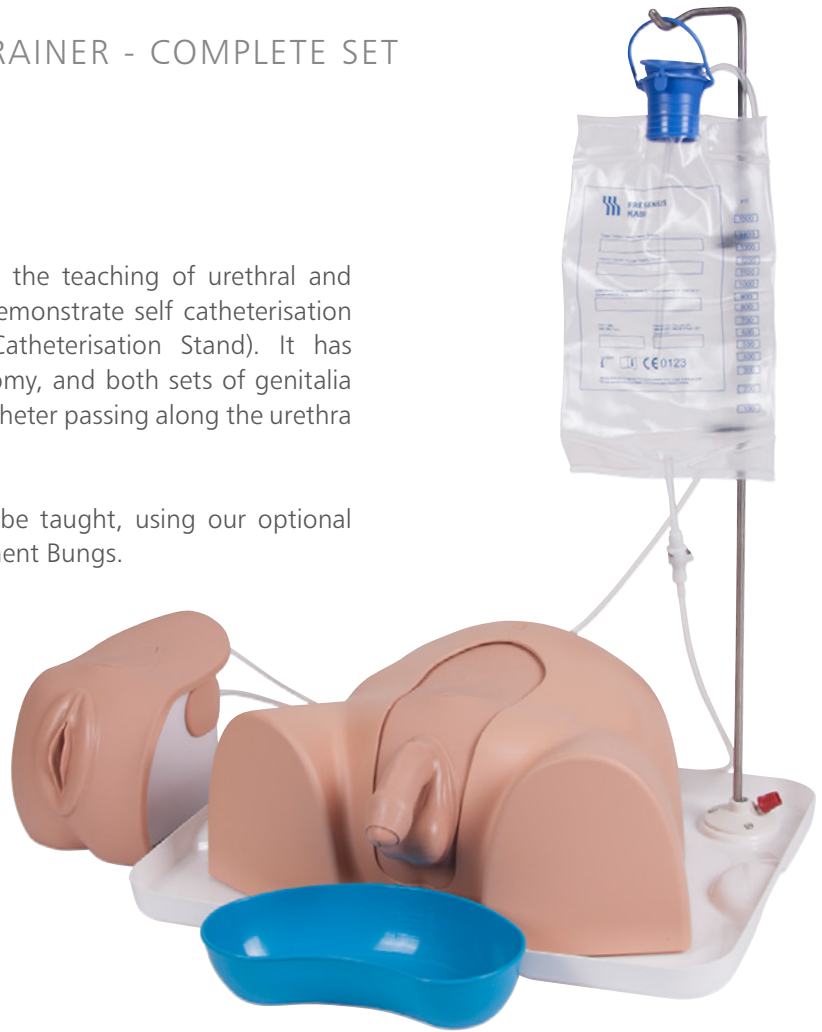
60150 COMPLETE SETSimulated
Patient

Our Advanced Catheterisation Trainer facilitates the teaching of urethral and suprapubic catheterisation, as well as how to demonstrate self catheterisation to patients (when using the optional Self Catheterisation Stand). It has interchangeable accurate male and female anatomy, and both sets of genitalia are realistically soft and pliable. The feel of the catheter passing along the urethra into the bladder corresponds closely to real life.

Management of suprapubic catheters can also be taught, using our optional pre-ported Suprapubic Catheterisation Management Bungs.

SKILLS

- Correct handling of male and female anatomy
- Aseptic catheterisation technique
- Catheter placement: accepts catheters from 14-16 French (male) and 12-16 French (female)
- Fluid management
- Withdrawal of catheter
- Intermittent Self Catheterisation (ISC) when used with the optional Self Catheterisation Stand (**60167**)
- Suprapubic catheter insertion using Suprapubic Bung
- Suprapubic catheter changing using optional pre-ported Suprapubic Catheterisation Management Bung (**60168**)



QUALITIES

ANATOMY

- Male anatomy: realistic meatus, flaccid penis and replaceable foreskin
- Female anatomy: partable labia with realistic urethral meatus and vaginal opening

REALISM

- Supple urethra and resistant sphincter providing realistic response

KEY FEATURES

- 1500 ml fluid bag on stand provides pressurised fluid flow
- Syringe supplied with water-based lubricant to simulate proprietary local anaesthetic gel
- Non-drip valve
- Reusable double-sleeve catheter packaging is supplied for teaching aseptic catheter handling

VERSATILITY

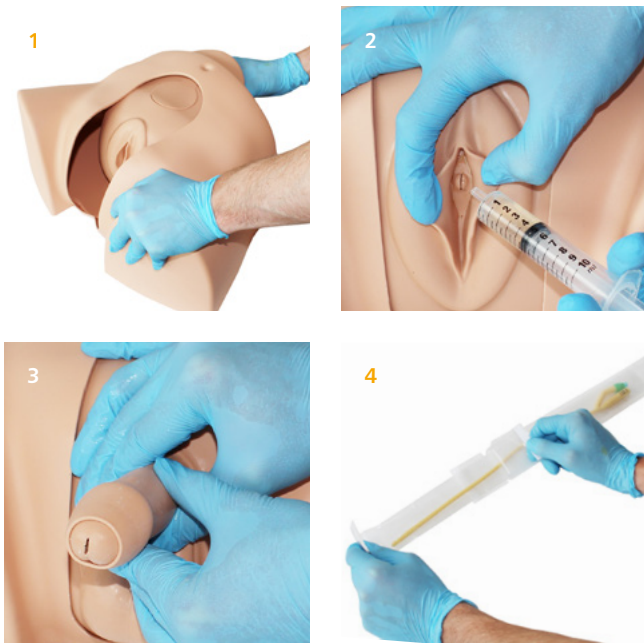
- Easily interchangeable male and female catheterisation units

SAFETY

- Product is latex free (catheters provided contain latex)

CLEANING & CARE

- Skin surface is washable using soap and water



- 1 Easily interchangeable units
- 2 Accurate anatomical modelling
- 3 Penis has replaceable foreskin
- 4 Aseptic catheterisation technique

ADVANCED CATHETERISATION TRAINER - MALE & FEMALE

The Advanced Catheterisation Trainers are available separately. Both are supplied with a suprapubic site and bung.

60151 MALE



60155 FEMALE



BASIC CATHETERISATION TRAINERS - VALUE SET

60166 VALUE SET

A cost effective Value Set containing basic versions of each of the Male and Female Catheterisation Trainers. These do not contain the suprapubic bungs.



OPTIONAL

SELF CATHETERISATION STAND

60167

Use with Catheterisation Trainers: **60150, 60151, 60155, 60166** for teaching intermittent self catheterisation.



SUPRAPUBIC CATHETERISATION MANAGEMENT BUNG

60168

This Pre-Ported Bung allows for the management of catheters after surgical procedure has taken place.

Use with Catheterisation Trainers: **60150, 60151, 60155.**



CONTAINS

- **60152** Male Catheterisation Unit
- **60154** Catheterisation Foreskin (x3)
- **60156** Female Catheterisation Unit
- **60158** Suprapubic bung (x2)
- **60161** Standard bung
- **60159** Male Catheterisation Sphincter Kit
- **60162** Female Catheterisation Sphincter Kit
- **60160** Aseptic Catheterisation Sleeves
- **50183** Mock LA Gel with Syringe
- **50185** Antifungal Agent (Milton Sterilising Fluid)
- Drip tray with bag stand
- 1500 ml fluid bag & plastic kidney dish
- 14 French foley catheter (male)
- 12 French foley catheter (female)
- Pelvic shell
- 2 Litre jug
- Carry case

60150

60151

60155

60166

✓	✓	✗	✓
✓	✓	✗	✓
✓	✗	✓	✓
✓	✓	✓	✗
✓ (x2)	✓	✓	✓ (x2)
✓	✓	✗	✓
✓	✗	✓	✓
✓ (x2)	✓ (x2)	✓ (x2)	✓ (x4)
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PARACENTESIS TRAINER

60100Simulated
Patient

This trainer fulfills the fundamental component of core medical training in diagnostic and therapeutic techniques of Paracentesis. Both landmark and ultrasound guided techniques can be practised.

Trainees are able to identify the echogenic anatomy enabling them to learn how to safely insert a needle or catheter into the peritoneal cavity.



You may also be interested in:
ABDOMINAL EXAM TRAINER
See page 12



QUALITIES

ANATOMY

- Torso featuring bony landmarks (pubis symphysis, iliac crest) and umbilicus
- Internal anatomy includes:
 - Liver
 - Spleen
 - Bowel
 - Floating Bowel

REALISM

- Realistic tissue and needle response

KEY FEATURES

- Palpation or ultrasound techniques can be practiced (side by side)

- Internal echogenic anatomy to allow recognition of landmarks under ultrasound
- Two 3.5 litre chambers can be filled with water for practise drainage
- Cost effective consumable pads

VERSATILITY

- Self-sealing pads, withstanding up to 200 needle or up to 100 rocket catheter insertions
- Ability to insert and remove a drain
- Positions both supine and lying on side

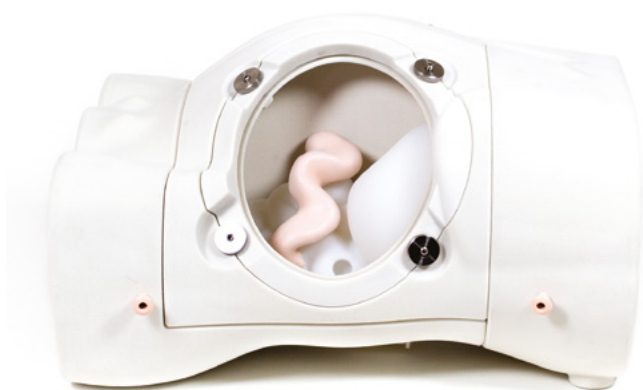
SAFETY

- Latex free

CLEANING & CARE

- Skin surface is washable using soap and water

1



2



3



4



- 1 Trainer with skin removed, showing internal anatomy
- 2 Catheter insertion for therapeutic drainage
- 3 Needle insertion for diagnostic purposes
- 4 Ultrasound guided technique

SKILLS

- Familiarity with the abdominal regions and underlying anatomy
- Palpation of anatomical landmarks
- Identification of excess fluid
- Through ultrasound, identification of safe needle/catheter insertion sites
- Insertion of needle into peritoneal cavity for therapeutic or diagnostic purposes
- Professional-to-patient communication

CONTAINS

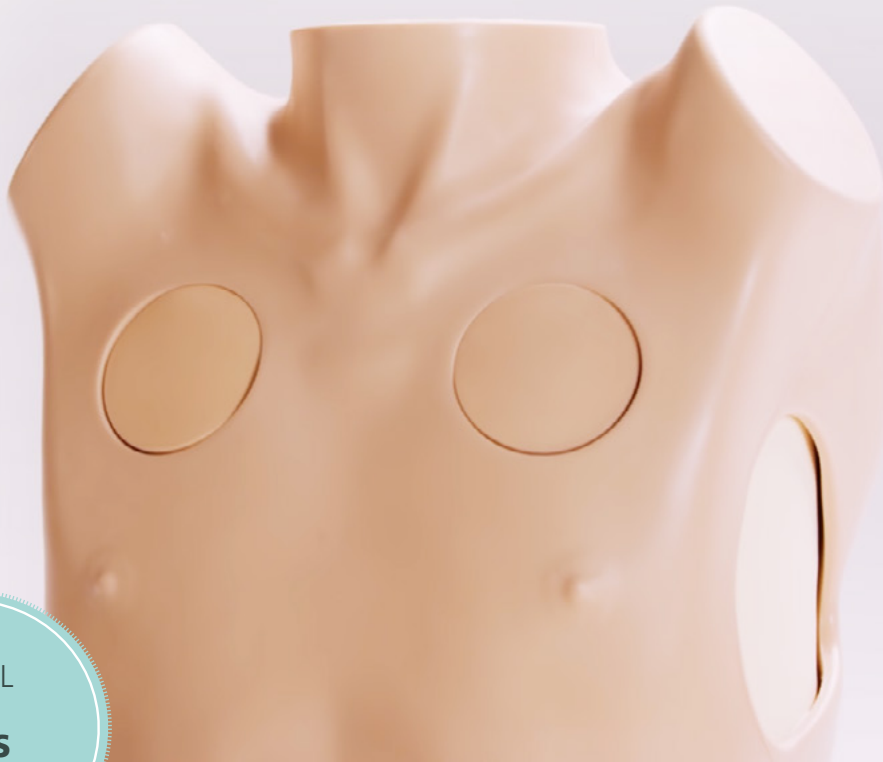
- **60101** Paracentesis Skin
- **60102** Paracentesis Pads (x2)
- **60103** Paracentesis Liver
- **60104** Paracentesis Spleen
- **60105** Paracentesis Bowel Insert
- **60106** Paracentesis Floating Bowel
- **60107** Paracentesis Clamping Frame
- **60108** Paracentesis Large Volume Refill System
- Base unit
- Funnel
- Carry case

CHEST DRAIN & NEEDLE DECOMPRESSION TRAINER

60230

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.



IDEAL
FOR
ATLS
COURSES

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

VERSATILITY

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

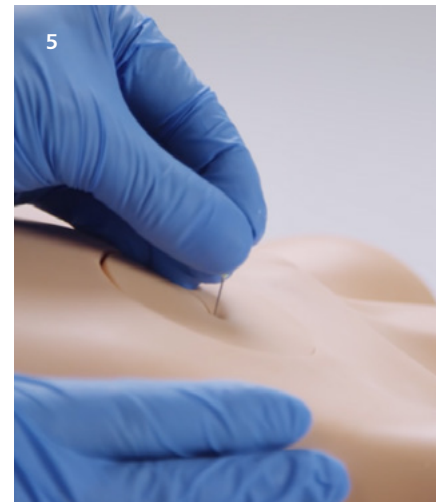
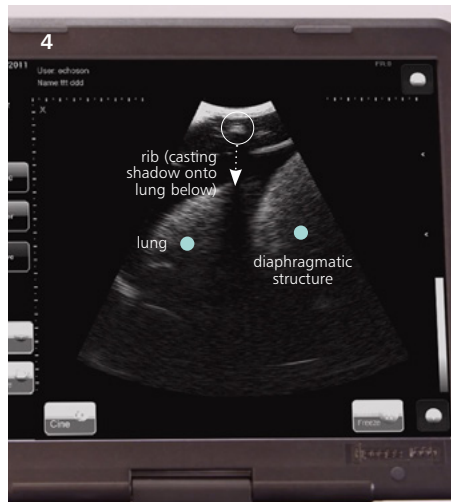
SAFETY

- Latex free

SKILLS

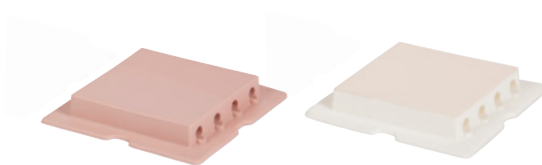
- Needle decompression of a tension pneumothorax (at both the 2nd and 5th intercostal space)
- Open, or cut-down chest drain insertion: recognition of correct position, surgical incision, blunt dissection through chest wall, perforation of pleura and finger sweep
- Suture of tube to chest wall
- Ultrasound-guided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





- 1 Blunt dissection
- 2 Chest tube insertion
- 3 Seldinger technique
- 4 Internal anatomy visible under ultrasound
- 5 Realistic needle decompression

PAD FEATURE COMPARISON



ADVANCED

STANDARD

- 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 ✓

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CONTAINS

- 60231 Needle Decompression Pads (x2)
- 60232 Advanced Chest Drain Pads (x2)
- 60234 Standard Chest Drain Pads (x2)
- 60235 Chest Drain Rib Frame (Left)
- 60237 Chest Drain Rib Frame (Right)
- 60238 Chest Drain Lungs (x2)
- 60239 Chest Drain Diaphragms (x2)
- 60240 Chest Drain Ribs (x12)
- Chest Drain Pump: Respiratory Swing
- Chest Drain Pump: Needle Decompression
- Plastic funnel
- Chest Drain Slotted Retaining Knobs
- Key with keyring
- Torso
- Carry case

STANDARD VENEPUNCTURE ARM

00330

Simulated
Patient

00331

The Standard Venepuncture Arm provides the ideal platform for practising the skills related to venepuncture and IV cannulation. Comes with a bag and stand.



▶ Standard veins



▶ The bag and stand mock blood supply is perfect for a clinical skills training environment where large numbers of trainees are practising on a regular basis, or for self-directed learning time in a skills laboratory.

BAG & STAND ADVANCED VENEPUNCTURE ARM

00440

Simulated
Patient

00441

The Bag & Stand Advanced Venepuncture Arm contains a more complex vein structure in combination with the bag, stand and mock blood supply.



▶ Advanced veins

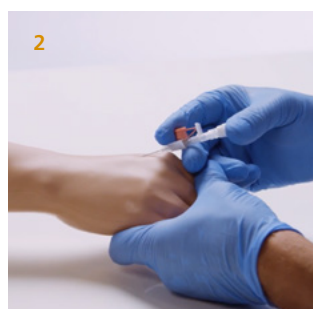


VENEPUNCTURE ARMS

▶ Common features for all Venepuncture Arms

SKILLS

- Venepuncture
- IV Cannulation
- IV Infusion
- Professional-to-patient communication



- 1 Vacuum blood collection systems to be used
- 2 Skin to be stretched to 'anchor' veins for easier cannula insertion

ANATOMY

- Soft, flexible skin
- Underlying palpable veins:
 - All models: cephalic, basilic and dorsal metacarpal
 - Advanced model only: median cubital

KEY FEATURES

- Realistic blood flashback
- Arm allows for digital pressure to stem blood flow
- Infusion tube allows for volume IV fluids to be administered

VERSATILITY

- Skin is durable
- Veins last for up to 500 insertions of 21g needle
- Blood has been reformulated to improve leak resistance of veins (concentrated liquid to save you money and space)
- Can be used with vacuum blood collection systems, needle and syringe and IV cannulas
- Can be used for hybrid simulation and for professional-to-patient communication when using the optional Venepuncture Arm Harness

SAFETY

- Veins contain latex

CLEANING & CARE

- Veins are easy to replace
- Easy to clean, service and maintain

ADVANCED VENEPUNCTURE ARM

00290	Simulated
00298	Patient

The Advanced Venepuncture Arm features a complex vein system, which is connected to a closed blood supply, for easy adjustment of pressure.



► Advanced veins



CONTAINS

	STANDARD	BAG & STAND ADV	ADVANCED
• 00292 Advanced Venepuncture Arm Veins	x	✓	✓
• 00295 Advanced Venepuncture Vein Module	x	✓	✓
• 00333 Standard Venepuncture Arm Veins	✓	x	x
• 00334 Standard Venepuncture Vein Module	✓	x	x
• 00335 Venepuncture Arm Infusion Tube	✓	✓	✓
• 00336 Bag & Stand Venepuncture Arm Mock Blood Supply	✓	✓	x
• 00337 Pressurised Venepuncture Arm Mock Blood Supply	x	x	✓
• 00020 Concentrated Venous Blood - Starter Pack	✓	✓	✓
• 00302 Venepuncture Arm Rest	✓	✓	✓
• 00303 Refill Bottle	x	x	✓
• Venepuncture arm skin	✓	✓	✓
• Water-based lubricant pack (x3)	✓	✓	✓
• Arm shell	✓	✓	✓

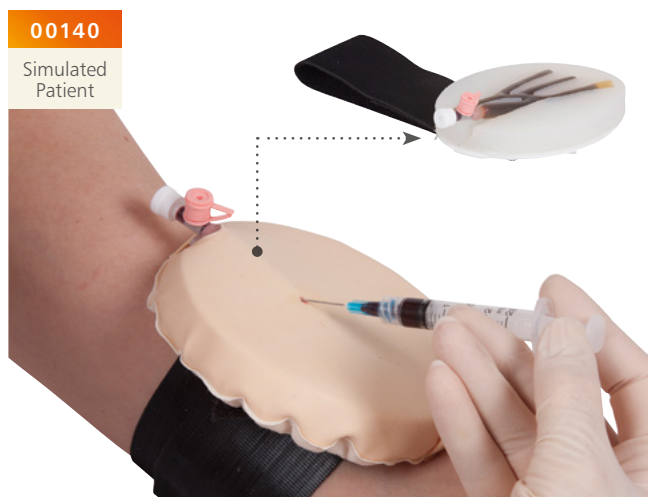
OPTIONAL EXTRAS & CONSUMABLES

► Available for all Venepuncture Arms

- 00021 Concentrated Venous Blood
- 00291 Arm Skin - Light
- 00299 Arm Skin - Brown
- 00300 Venepuncture Arm Harness
- 00301 Venepuncture Arm Carry Case



ACF PAD - VENEPUNCTURE



This soft tissue strap-on pad can be used to train in venepuncture and represents the antecubital fossa of the right arm.

SKILLS

- Professional-to-patient communication
- Recognition of the vein pattern through palpation
- Insertion of a needle and cannula
- Management of blood flow

QUALITIES ▶ Common features for both Pads

KEY FEATURES

- Ideal for professional-to-patient communication and scenario based training using Simulated Patient
- Strap onto the antecubital fossa of the arm
- Veins are: self-sealing for repeated use, rechargeable via a one-way valve, supplied with mock blood under pressure and replaceable

VERSATILITY

- The pad can be connected to the Mock Blood Giving Set (60651) to simulate blood flow
- Only use Mock Blood - Venous (250ml) (00223) to refill these veins

SAFETY

- Tough backing plate to prevent needlestick injuries
- Epidermis and veins contain latex

CLEANING & CARE

- Replaceable epidermis
- Washable using soap and water

CONTAINS

- 00180 Vein for ACF Pad
- 00170 Epidermis for ACF Pad
- Pad base with strap

THREE VEIN PAD - VENEPUNCTURE



This soft tissue strap-on pad features 3 straight veins, one of which is paediatric size.

SKILLS

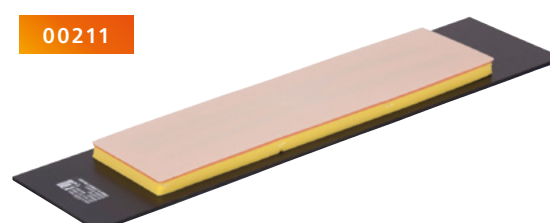
- Professional-to-patient communication
- Insertion of a needle
- Insertion of cannula
- Management of blood flow

CONTAINS

- 00213 Vein for Three Vein Pad
- 00200 Epidermis for Three Vein Pad
- Pad base with strap

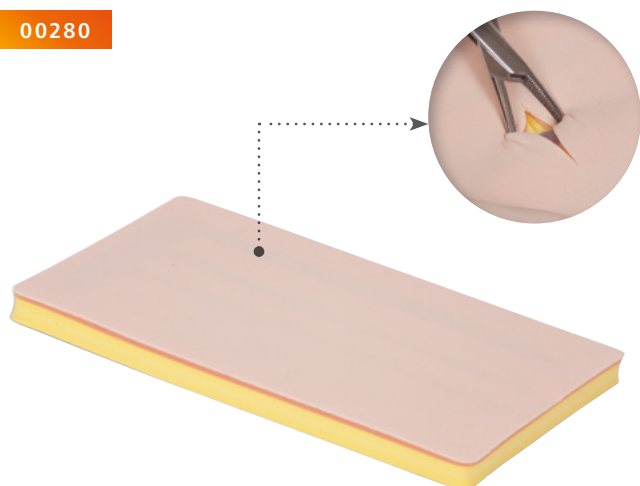
EXTENDED ACF PAD - VENEPUNCTURE

This soft tissue pad is supplied on a base for bench top training in venepuncture and insertion of cannulae. It represents the antecubital fossa of the right arm.



CUTDOWN PAD

00280



A multi-layered pad containing filled veins for practising venous cutdown procedure.

SKILLS

- Palpation to locate vein position
- Incising tissue layers
- Inserting a cannula
- Vein injection both distally and proximally
- Tying off veins

QUALITIES

ANATOMY

- Layers simulate the epidermis and subdermal layers
- 3 straight veins (each 150mm long) filled with mock blood

KEY FEATURES

- The pad can be connected to the Mock Blood Giving Set (60651) to simulate blood flow. Only use Mock Blood - Venous (250ml) (00223)

VERSATILITY

- The veins can be used by multiple trainees if tied off after each use

SAFETY

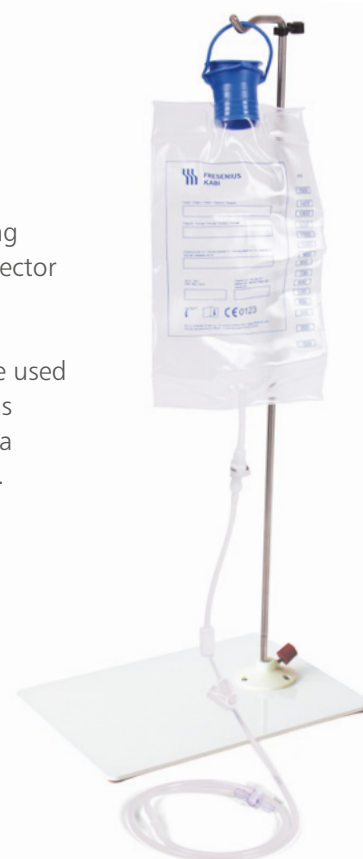
- Skin and veins contain latex

MOCK BLOOD GIVING SET

60651

A 1500ml blood bag with luer lock connector tube and stand.

This product can be used with Limbs & Things products requiring a mock blood supply.



QUALITIES

KEY FEATURES

- Quick and easy to assemble
- Easy storage - collapsible stand
- Bag holds up to 1500ml
- Fluid flow shut-off clamp

VERSATILITY

- This product can be used with Limbs & Things products requiring a mock blood supply including:
 - Cutdown Pad (00280)
 - ACF Pad (00140) and Extended ACF Pad (00211)
 - Three Vein Pad (00161)
 - Vermiform Appendix (50122, 50123 and 50124)
 - Gall Bladders (50127, 50128, 50129 and 50132)

CONTAINS

- 00280 Cutdown Pad

MOCK BLOOD - VENOUS

00223

250ml of synthetic solution made to the correct colour and viscosity of venous blood.



CONTAINS

- 60652 Mock Blood/Fluid Bag
- Luer lock tube adapter
- Metal stand with base

MOCK BLOOD - ARTERIAL

60653

250ml of synthetic solution made to the correct colour and viscosity of arterial blood.



INJECTION TRAINER

00310 Simulated Patient



Our soft tissue injection pad is designed for practising intradermal, subcutaneous and intramuscular tissue injection techniques.

The Injection Trainer has multiple tissue layers representing the epidermis, dermis, fat and muscle layer, and can easily attach to an arm or thigh to help teach professional-to-patient communication.

SKILLS

- Subcutaneous injection
- Intradermal and intramuscular injection
- Management of tissue
- Professional-to-patient communication

QUALITIES

ANATOMY

- Epidermis, dermis, fat and muscle

REALISM

- Tissues are soft and warm to the touch

KEY FEATURES

- Epidermis layer peels back to quickly release subcuticular liquid

VERSATILITY

- Strap for hybrid simulation

SAFETY

- Latex free

CLEANING & CARE

- Durable replaceable epidermis

CONTAINS

- **00311** Skin Pad & Muscle Block
- **00320** Epidermis for Injection Trainer (x2)
- Strap-on base plate
- Soft tissue tray with liner

ULTRASOUND VASCULAR ACCESS TRAINER

60530



An echolucent and contoured slab with representation of the jugular vein for teaching needle insertion under ultrasound.

SKILLS

- Use of ultrasound technology
- Handling ultrasound transducers
- Insertion of needles under ultrasound guidance
- Handling and management of guidelines and catheters under ultrasound
- Recognition of vessels using ultrasound

QUALITIES

REALISM

- Echolucent material provides realistic ultrasound image

KEY FEATURES

- Vein is self-sealing for repeated use and rechargeable with water via a one-way valve
- Designed to be used on the bench top

VERSATILITY

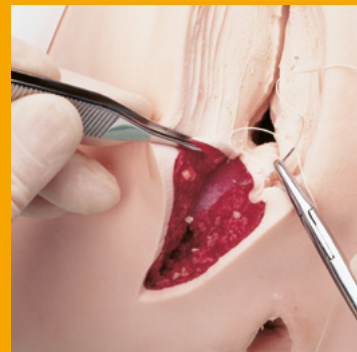
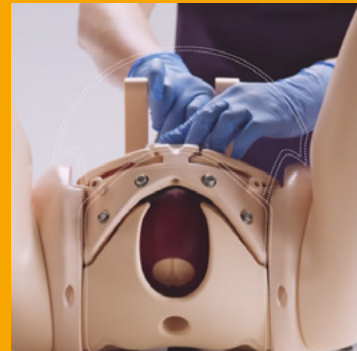
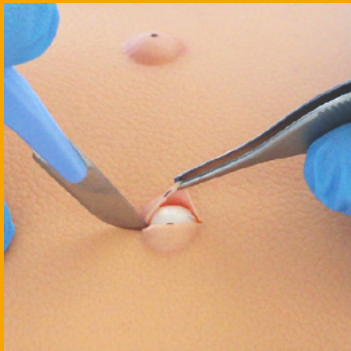
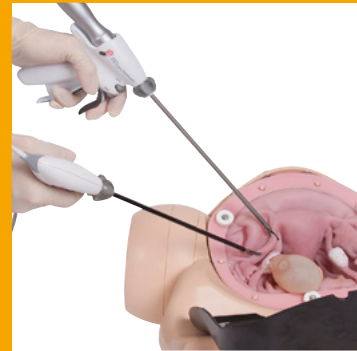
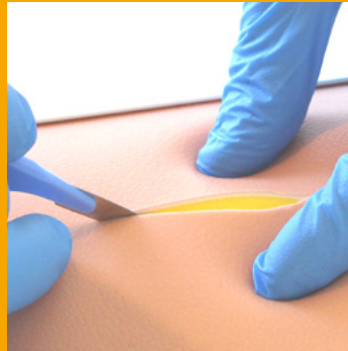
- Fluid volume and pressure can be changed in the vessel to represent variability in patient circulation, providing various levels of difficulty for needle insertion

SAFETY

- Veins contain latex

CONTAINS

- **60531** Ultrasound Vascular Access Slab
- **60532** Ultrasound Vascular Access Vein
- Base
- 10ml syringe



SPECIALIST SKILLS

BSS DAY 1 KIT

50070



Basic surgical skills kit facilitating the practice of a range of knot-tying, suturing and tissue handling techniques.

SKILLS

- Knot-tying: one-handed reef knot, instrument tie, surgeon's knot, tying at depth
- Suturing techniques: holding/manipulation of needles, interrupted, simple and mattress, continuous, subcuticular
- Skin lesions and LA techniques: excising a skin lesion, excising a sebaceous cyst
- Haemostasis: clip tie, continuity tie, pedicle transfixion
- Tissue handling - bowel: end-to-end interrupted sutures
- Fine tissue handling: tendon repair

SAFETY: Contains latex

CONTAINS

- **50061** Double Layer Bowel 30mm
- **50074** BSS Lesion & Cyst
- **50051** BSS Surgical Skills Board
- **50056** BSS Tendon Repair Trainer
- BSS knot tying trainer
- Skin pad jig with skin pad
- BSS soft tissue retaining set
- Haemostasis pad

BSS DAY 1 REFILL PACK

50072



CONTAINS

- Skin pad
- Bowel
- Haemostasis pad
- BSS lesion & cyst
- Tendon

KNOT TYING TRAINER

50050



A comprehensive trainer for teaching all surgical knot tying techniques, including those specified in the GB and Ireland Intercollegiate Basic Surgical Skills Course. Developed in collaboration with Professor Jonathan Beard, Northern General Hospital, Sheffield (UK) and Mr. John Rochester, Rotherham General Hospital (UK).

SKILLS

- One-handed reef knot technique
- Instrument tie
- Surgeon's knot
- Slip knot
- Tying in a small opening
- Tying at depth vertically in a large opening
- Tying at depth, at an angle, in a large opening

QUALITIES

ANATOMY

- 2 perioperative openings represented by:
 - Small, shallow fixed cylinder for tying in a small opening
 - Large, deep removable cylinder, reversible for angled abdominal and gynaecological depth tying

REALISM

- Unique magnetic system to represent tissue strength
- Parallel knotting tubes are elastic for a realistic tissue response

KEY FEATURES

- Light and compact
- Cylinders are transparent to allow the trainer to observe and assess trainee competence

CONTAINS

- **50164** Two Coloured Cord (x3)
- **50158** Knotting Tube (x3)
- Base with cylinders
- Knot tying tension hooks (x3)

DOUBLE LAYER BOWEL

50061 30mm OUTSIDE DIAMETER

50065 20mm OUTSIDE DIAMETER



Realistic 2 layer bowel simulation for training in anastomosis techniques. Both models are approximately 200mm in length.

SKILLS

- Tissue handling
- Single layer extra mucosal suturing
- Continuous suturing technique
- Stapling
- End-to-end extra mucosal anastomosis
- End-to-side anastomosis

QUALITIES

REALISM

- Realistic tissue response
- Will withstand a fluid flush test to demonstrate integrity of the anastomosis

VERSATILITY

- Light and compact
- Mobile when held in Soft Tissue Retaining Set (**50151**)

SAFETY

- Latex free
- Non-biological material: no hygiene issues or problems

CONTAINS

- **50061** Double Layer Bowel 30mm Outside Diameter

- **50065** Double Layer Bowel 20mm Outside Diameter

SKIN PAD JIG MK 3

00550

Simulated Patient



This jig supports the entire range of Limbs & Things synthetic soft tissue pads.

Can be strapped onto the limbs or body of a Simulated Patient when used with the optional strap (**00510**).

QUALITIES

REALISM

- Presents pads on a curved lifelike profile allowing incisions to gape, akin to real life
- Flexible plastic allows for realistic 'give' of skin pad when pressure is applied

KEY FEATURES

- Sucker feet work effectively on smooth work surfaces
- Stable and non-slip

VERSATILITY

- Optional jig strap allows use with simulated patient
- Use with:
 - Professional Skin Pad Mk 2
 - Wound Closure Pad
 - Lipoma Pad
 - Sebaceous Cyst Pad, Curettage, Snip & Shave Excision Pad
 - Minor Skin Procedures Pads

SKIN PAD JIG STRAP (x3)

00510

This low cost addition for the Skin Pad Jig Mk 3 (**00550**) allows the jig to be strapped onto the limbs of a Simulated Patient.



WOUND CLOSURE PAD

00041	LARGE (x6)	00043	LARGE (x6)
00042	SMALL (x12)	00044	SMALL (x12)
Simulated Patient			



A low cost, 1 layer pad, ideal for demonstrating, training and practising core skills associated with wound closure.

SKILLS

- Making an incision
- Application of skin adhesives
- Interrupted suturing and knotting
- Stapling



QUALITIES

REALISM

- Works with all major topical skin adhesives

KEY FEATURES

- An excellent starter pad for wound closure training
- Pad dimensions: large 145mm x 125mm, small 125mm x 72mm

VERSATILITY

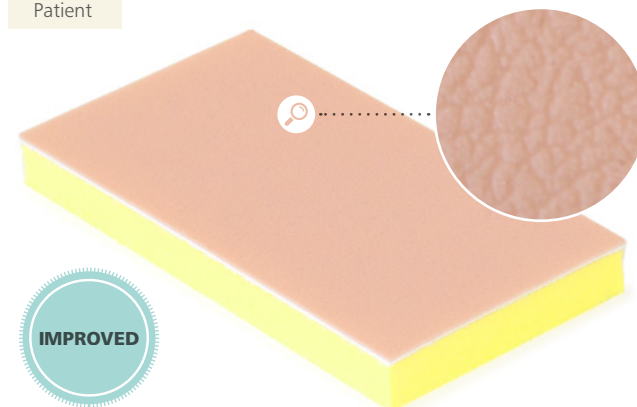
- Use with the Skin Pad Jig Mk 3 (00550)

SAFETY

- Latex free

PROFESSIONAL SKIN PAD MK 2

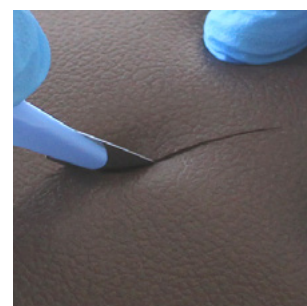
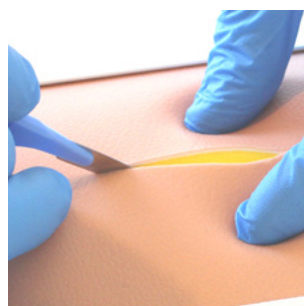
00091	SMALL (x4)	00093	SMALL (x4)
00092	LARGE (x2)	00094	LARGE (x2)
Simulated Patient			



An advanced 3 layer skin pad for demonstrating and practising a variety of incisions and a wide range of suturing techniques.

SKILLS

- Incisions: linear, ellipse, flaps, shaped
- Subcuticular undermining
- Simple and advanced interrupted suturing techniques
- Subcuticular suturing
- Continuous suturing
- Stapling
- Use of adhesive strips



QUALITIES

REALISM

- Improved, unidirectional skin texture
- Realistic tissue response with a similar drag and strength to human skin
- All layers have realistic retention of sutures

KEY FEATURES

- Pad dimensions: large 145mm x 125mm, small 125mm x 72mm

VERSATILITY

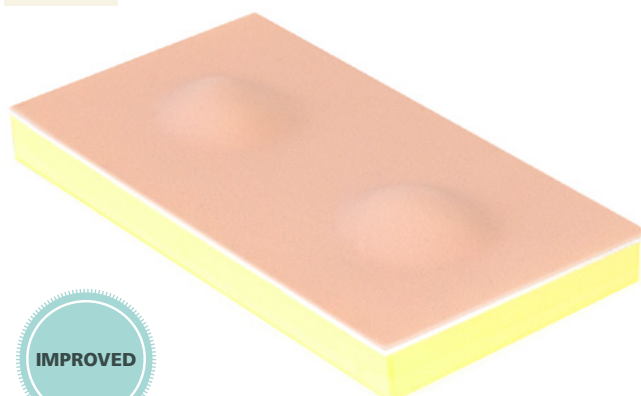
- Serves the needs of both specialist and beginner
- Use with the Skin Pad Jig Mk 3 (00550)

SAFETY

- Latex free

LIPOMA PAD

00081

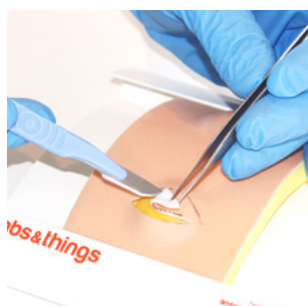
Simulated
Patient

IMPROVED

For practising the full lipoma removal procedure. 3 layer skin: epidermis, dermis and subdermal layer. Pad contains 2 lipomas.

SKILLS

- Designing the incision
- Marking out the lipoma
- Incising the skin
- Blunt dissection
- Removal
- Closure



QUALITIES

REALISM

- Improved, unidirectional skin texture
- Lipoma is consistent with that found in a patient
- Lipoma sited within the fat layer
- Precise replication of in-vivo adhesion
- All layers of tissue can be identified

KEY FEATURES

- Pad dimensions: 125mm x 72mm

VERSATILITY

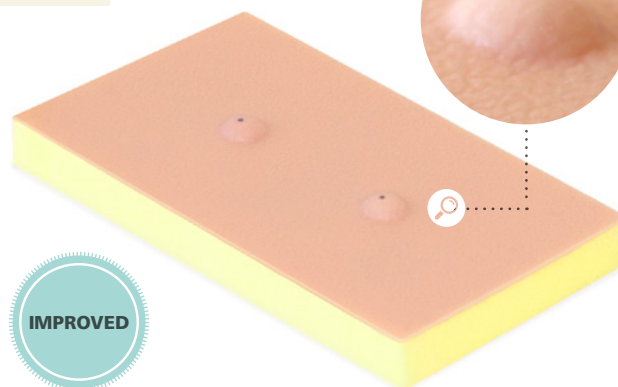
- Use with the Skin Pad Jig Mk 3 (00550)

SAFETY

- Latex free

SEBACEOUS CYST PAD

00071

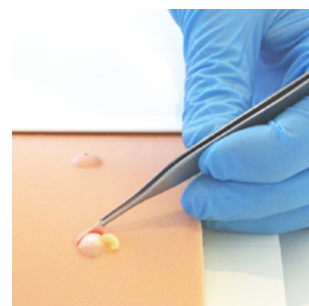
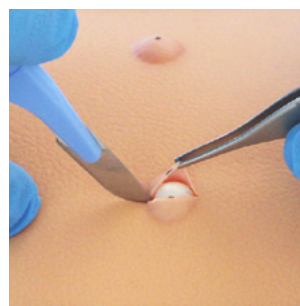
Simulated
Patient

IMPROVED

For practising the full sebaceous cyst removal procedure. A 3 layer skin pad with epidermis, dermis and subdermal layer. Contains 2 cysts.

SKILLS

- Marking out the cyst
- Planning and marking the ellipse
- Incising the skin
- Sharp dissection
- Blunt dissection
- Management of a burst cyst
- Removal
- Closure



QUALITIES

ANATOMY

- Improved, unidirectional skin texture
- 3 layer skin: epidermis, dermis and subdermal layer
- Contains 2 Cysts

REALISM

- Cyst is consistent with that found in a patient
- Cyst exhibits appropriate adhesion to other surrounding tissue
- Cyst sited immediately below skin layer and is attached firmly to its underside
- Fragile epidermoid wall filled with simulated pus

KEY FEATURES

- Pad dimensions: 125mm x 72mm

VERSATILITY

- Use with the Skin Pad Jig Mk 3 (00550)

SAFETY

- Latex free

SURGICAL FEMALE PELVIC TRAINER (SFPT) MK 2

60251

A simulator for training in a wide range of laparoscopic gynaecological surgical techniques and procedures. The uterus component can be easily removed and replaced after use.

Compatible for use
with harmonic scalpels

Realistic bleeding
when arteries are cut



1



2

1 Abdominal Skin with realistic tissue properties for trocar insertion

2 Working with gynaecology instruments

QUALITIES

ANATOMY

– Includes:

- Uterus
- Cervix
- Bladder
- Ovaries
- Ureters
- Ovarian artery
- Dunn's pouch
- Ovarian cyst
- Fibroid
- Cardinal ligament
- Abdominal skin with realistic tissue properties for trocar insertion
- Pelvic floor with sympathetic features
- Vagina
- External introitus
- Fallopian tube
- Broad ligament
- Uterine artery
- Pouch of Douglas
- Bowel and sigmoid
- Ectopic pregnancy
- Uterosacral ligament

REALISM

– Insufflation of abdomen is represented

KEY FEATURES

- Provides practice and role playing for gynaecological perioperative teams
- Includes a realistic vaginal canal and cervix for inspection, in which a uterine manipulator can be used
- Realistic bleeding when arteries are cut

VERSATILITY

- Compatible for use with harmonic scalpels

SAFETY

- Capsule in uterus contains latex

SKILLS

- All skills relevant to performing the following procedures:
 - Salpingectomy
 - Myomectomy
 - Hysterectomy
 - Salpingostomy
 - Cystectomy
 - Oophorectomy
- Dissection down to and location of ureters
- Insertion and use of uterine manipulator
- Working with various gynaecology instruments
- Identification of anatomical landmarks

CONTAINS

- SFPT Mk 2 Abdomen
- 60252 SFPT Mk 2 Surgical Uterus
- 60253 SFPT Mk 2 Abdominal Skin Pad
- 60254 SFPT Mk 2 Perineum
- 60255 SFPT Mk 2 Bowel
- 00020 Venous Blood Starter Kit
- SFPT Mock Blood Kit (includes reservoir and pump)
- Blunt dispensing needle and syringe
- Bed securing strap

CONSUMABLES

- 60256 SFPT Uterus (x5)
- 60257 SFPT Uterus (x10)
- 00021 Concentrated Venous Blood

Patents granted

• US6336812 • EP099027 • DE69804793 • CA 2293585
• ZL98806331 • HK1023832 • 755575 Australia

PROMPT FLEX RANGE
HAS BECOME AN INTEGRAL
PART OF MANY BIRTHING
TRAINING COURSES
AROUND THE WORLD,
SUITABLE FOR ALL LEVELS
OF TEACHING, LEARNING
AND SKILL MAINTENANCE



PROMPT FLEX RANGE

The **PROMPT Flex Range** has become an integral part of many birthing training courses around the world, suitable for all levels of teaching, learning and skill maintenance.



THE **STANDARD** & **ADVANCED** UNITS OFFER CLOSER TO LIFE ANATOMY COMBINED WITH FLEXIBILITY TO TRAIN ON ROUTINE AND A NUMBER OF DIFFICULT BIRTHING MANAGEMENT SCENARIOS

PROMPT FLEX - STANDARD

80100

Simulated Patient

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.

PROMPT FLEX - ADVANCED

80106

Simulated Patient

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.

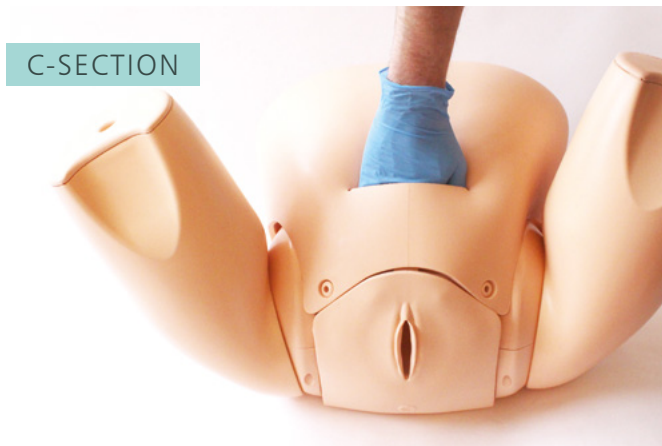
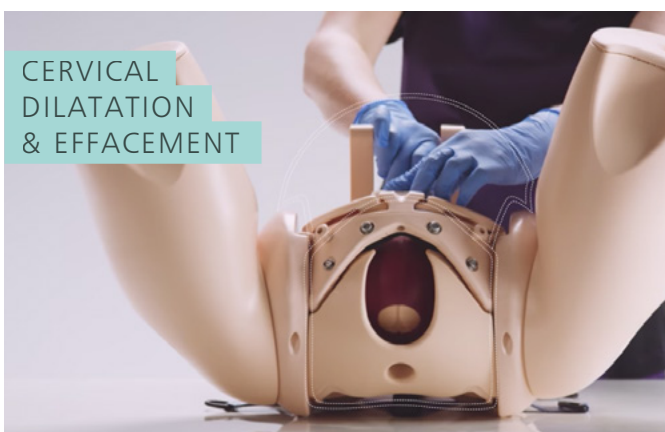


► iPad not included
Download app at limbsandthings.com

PPH



C-SECTION

CERVICAL
DILATATION
& EFFACEMENTCOMPRESSION
SUTURE UTERUS

ADDITIONAL MODULES FIT EITHER THE STANDARD OR THE ADVANCED UNITS
ALLOWING YOU TO TAILOR YOUR TRAINING NEEDS

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 McRobert's 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

SAFETY

- Latex free

CLEANING & CARE

- Skin is washable using soap and water

SKILLS COMPARISON

	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	✗	✓
• App with scenarios & force monitoring	✗	✓

CONTAINS

	80100	80106
• 80120 Birthing Mother (+Upper Legs)	✓	✓
• 80121 Standard Baby	✓	✗
• 80122 Wireless Force Monitoring Baby	✗	✓
• 80123 Placenta	✓	✓
• 80124 Abdomen for PROMPT Flex	✓	✓
• 80125 Perineum and Birth Canal	✓	✓
• 80130 Bed Straps	✓	✓
• Lubricant	✓	✓
• Wheeled carry case	✓	✓

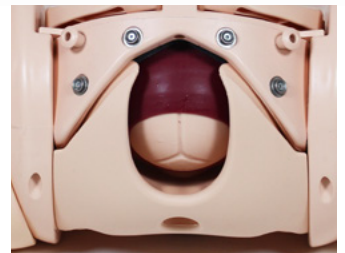
PROMPT FLEX - CERVICAL DILATATION & EFFACEMENT MODULE

80102Simulated
Patient

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

CONTAINS

- **80138** Perineum
- **80139** Pelvic Ring
- **80140** Static Rig
- **80141** Dynamic Rig
- **80142** Set of 7 Latent Labour Cervixes
- **80143** Dynamic Cervix
- **80144** Set of 5 Presenting Parts
- **80145** Set of 2 Difficult Labour Heads
- **80146** Amniotic Membrane Set
- **80162** Set of 3 Caputs (x2)

PROMPT FLEX - CAESAREAN SECTION MODULE

80103

 Simulated
Patient

Ideal for practising the necessary skills required when performing a caesarean section. Trainees can have exposure to delivering a difficult baby such as a deeply impacted head, or a transverse lie.

It includes 2 surgical pads for incision and suturing, along with a pre-incised abdomen for repeated delivery practice to help improve confidence and familiarity of manoeuvres.



QUALITIES

REALISM

- Abdominal skin has realistic appearance and soft feel of at-term abdomen
- Realistic feel of uterus interior during delivery
- Head presents at realistic level once incision is made

KEY FEATURES

- Uterus holds baby firmly in position for normal and transverse lies, breech and cephalic presentations
- Uterus support positions baby and directs it towards the pelvis/abdominal incision when fundal pressure is applied
- Pre-incised skin option allows easy repeat delivery practice
- Surgical pad allows realistic dissection and closure and is reversible to allow 2 uses
- Single/double in situ uterine wall closure
- Suturing of rectus sheath, fat and subcuticular or cutaneous skin closure
- Accommodates retraction using metal, plastic or rubber retractors

VERSATILITY

- Optional insert to allow presentation of head just below ischial spines for 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:

- Routine manoeuvres
- Assist from a vaginal hand (push technique)
- Reverse breech extraction (pull technique)
- Use of a fetal pillow

SKILLS

- Abdominal and uterine wall opening and closure
- Cephalic and breech delivery
- C-section at full dilation:
 - Head disimpaction using vaginal push methods
 - Use of balloon disimpacting device
 - Reverse breech extraction
- Transverse lie
- Instrument assisted C-section delivery
- Delivery of the placenta
- Teamwork and human factors training in emergency C-section

CONTAINS

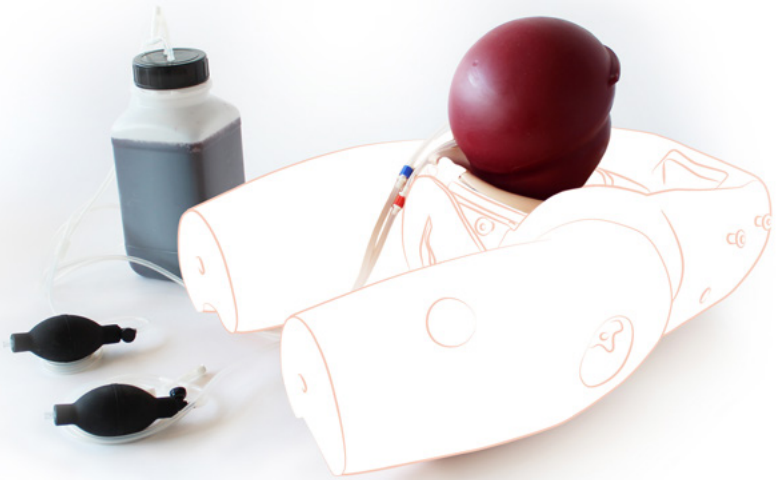
- **80104** Caesarean Section Surgical Pad (x2)
- **80138** Perineum
- **80170** Uterus for Caesarean Section Module
- **80171** Pre-incised Delivery Only Skin
- **80172** Surgical Skin
- **80173** Cervix for Caesarean Section Module
- **80175** Foam Uterus Support
- **80176** Full Dilatation Pelvic Insert

PROMPT FLEX - PPH MODULE

80101

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

This module is an optional add-on for PROMPT Flex Standard or Advanced.



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

CONTAINS

- **80127** PROMPT Flex PPH Uterus Assembly
- **00020** Concentrated Venous Blood - Starter Pack (x2)
- PROMPT Flex PPH blood container

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

PROMPT FLEX - COMPRESSION SUTURE UTERUS

80111

This module allows for the training in performing a compression suture and ligating the uterine artery.

Used in conjunction with the **80171** Pre-incised Delivery Skin, it provides the ideal training platform for repeat practise of uterine compression suturing.

This product is based on concepts and collaboration with:

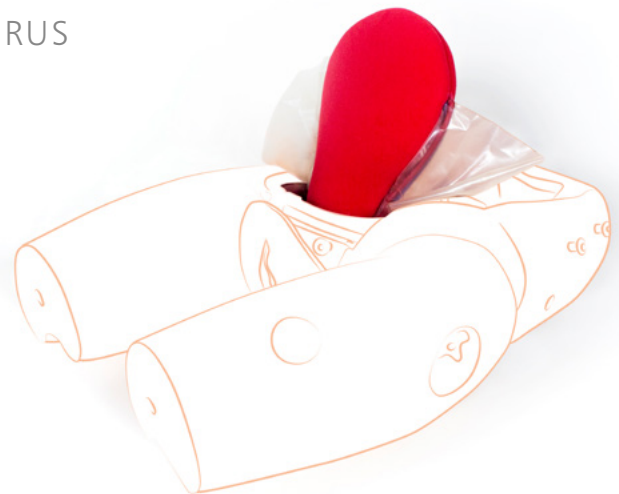
- Dr Carol L. Simmons, MD
SimTunes, LLC.
- Dr Mona Sharma, Consultant Obstetrician and Gynaecologist at Queens Hospital, Romford BHR NHS Trust.

SKILLS

- All common types of Compression Suture procedures (including B-Lynch, Hayman and Pereira)
- Dissection of broad ligament
- Ligation of uterine arteries

CONTAINS

- Compression Suture Uterus (x2)



QUALITIES

ANATOMY

- A representation of post-partum uterus including uterine arteries and broad ligament

KEY FEATURES

- Uterine arteries can be fluid filled
- Ligation of arteries is possible
- Multiple uses when conducting the compression suture

VERSATILITY

- Can be quickly and easily fitted into the birthing mother

PROMPT FLEX - POSTPARTUM HAEMORRHAGE KIT

80112

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.



SKILLS

- Management of postpartum bleeding:
 - Fundal massage
 - Bi-manual compression
 - Haemostatic balloon insertion and management
- Estimating blood loss
- All common types of Compression Suture procedures including:
 - B-Lynch
 - Hayman
 - Pereira
- Dissection of broad ligament
- Ligation of uterine arteries
- Professional-to-patient communication skills

CONTAINS

- **80101** PPH Module
- **80111** Compression Suture Uterus (Pack of 2)
- **80171** Pre-incised Delivery Skin for PROMPT Flex

CONSUMABLES

- **00021** Concentrated Venous Blood

QUALITIES

REALISM

- Atonic uterus can simulate contraction on fundal massage
- A representation of postpartum uterus including uterine arteries and broad ligament

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
- Multiple uses when conducting the compression suture

VERSATILITY

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

PROMPT FLEX - LABOR PROGRESS SIMULATOR

80109

The PROMPT Flex Labor Progress Simulator provides a versatile cervical dilation and effacement training solution, for assessing both the latent and active stages of labour.



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 labor 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

- Competency in:
 - Cervical dilation (1-10cm)
 - Cervical effacement (0-100%)
 - Cervical consistency (soft, medium, hard)
 - Cervical position (anterior, mid, posterior)
 - Fetal station (-3 to +3)
 - Head position: occiput anterior, occiput posterior
- Artificial rupture of membranes
- Identification of presenting parts - brow, face, breech
- Caput and moulding
- Communication and teamwork skills
- Bishop's scoring
- Identification of approximated or overriding sutures

CONTAINS

- **80120** Birthing Mother (with Upper Legs)
- **80102** PROMPT Flex - Cervical Dilatation & Effacement Module
- **80124** Abdomen for PROMPT Flex
- Carry case

PERINEAL & EPISIOTOMY REPAIR TRAINER

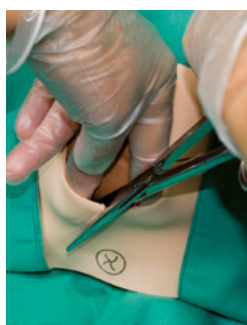
60450



A 3 stage training system for teaching episiotomy, perineal suturing techniques, and repair of episiotomy and second degree tears.

Developed in collaboration with:

- Professor Christine Kettle, Professor of Women's Health, University Hospital of North Staffordshire and Staffordshire University (UK).
- Professor Khaled Ismail, Senior Lecturer and Consultant Obstetrician and Gynaecologist, Keele Medical School and University Hospital of North Staffordshire (UK).



STAGE 1 EPISIOTOMY

A simplified model for teaching safe methods of episiotomy.

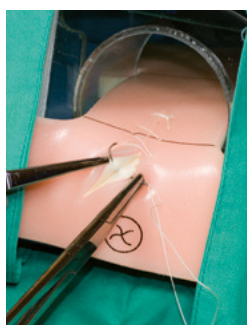
- Identification of fontanelles
- Handling of a stretched perineum
- Reducing the risk of damaging the baby or mother
- Infiltration of perineum prior to episiotomy
- Performance of medio-lateral (or midline) episiotomy
- Use of instruments

REALISM

- Realistic representation of tissue to represent a stretched perineum

KEY FEATURES

- Baby head provides a realistic look and feel providing landmarks and appropriate tactile response when inserting fingers to guard the baby's head



STAGE 2 PERINEAL REPAIR TECHNIQUES

The Episiotomy and Perineal Repair Pad prompts trainees to learn to suture on 2 planes, one of which has the spatial challenges which exist when suturing within the vagina. Comprises epidermis, dermal and subdermal layer.

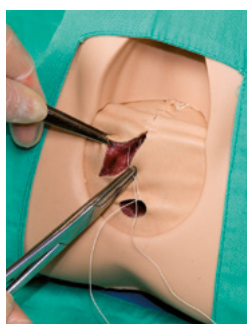
- Suturing in 2 planes: inside vagina and on perineum
- Practice of suture techniques: continuous, subcuticular, knot tying

REALISM

- Soft skin with a similar drag and strength to human skin
- Epidermis and dermis have a realistic retention of suture

KEY FEATURES

- Representation of the anus printed on pad
- Representation of the hymenal remnant printed on pad to assist in assessment of suturing techniques



STAGE 3 PERINEAL REPAIR PROCEDURES

For the practice of episiotomy and second degree tear repair.

- 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

ANATOMY

- Perineal skin
- Superficial muscle structure and relevant layer for suturing

KEY FEATURES

- 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)

CONTAINS

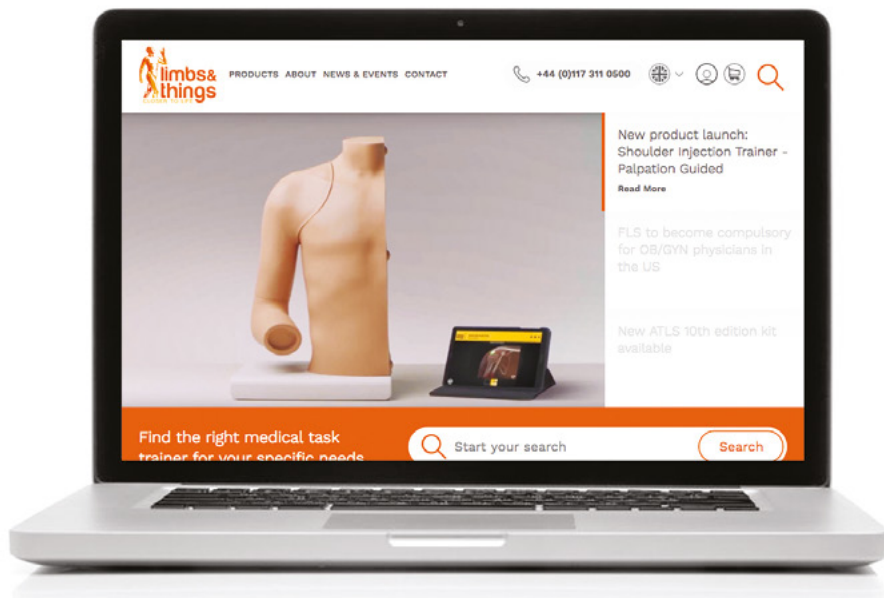
- 60451 Episiotomy Incision Pad (x6)
- 60452 Episiotomy & Perineal Repair Pad (x2)
- 60453 Episiotomy & Perineal Repair Block
- 60454 Perineal Repair Perineum
- 60455 Perineal Repair Techniques Jig

- 60456 Perineal Repair Base & Clip
- 60457 Baby Head
- Bench top clamps (x2)
- Carry case

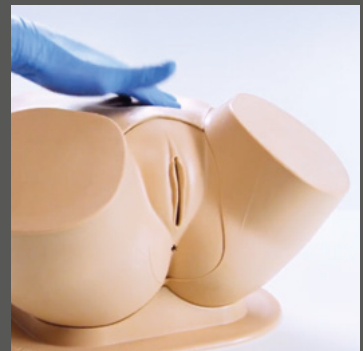
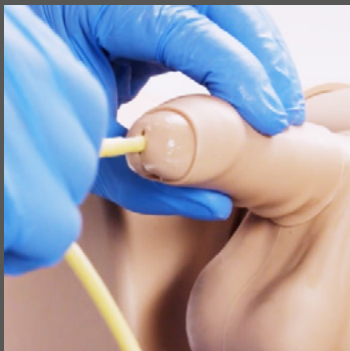
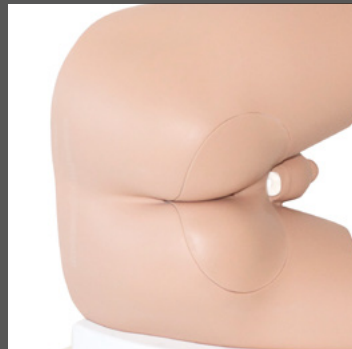
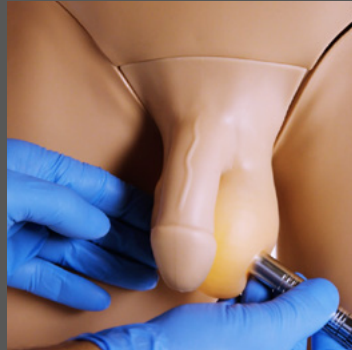
Our new website has arrived

We've listened to our customer feedback and this year we've invested in our website to make it simpler for our customers to use.

We've added an improved search function, new curriculum references and larger, clearer images. All with the aim of making it easier to find the correct product to enhance your training programme.



limbsandthings.com



PRODUCT RANGES

UNDERGRADUATE MEDICINE

Designed to meet the core training needs and essential skills required at undergraduate level

MALE RECTAL EXAMINATION



ABDOMINAL EXAMINATION



PELVIC EXAM



BREAST EXAMINATION



CATHETERISATION



VENEPUNCTURE



INJECTIONS



NURSE TRAINING

Nursing is at the heart of healthcare, and these products reflect the core simulation training needs required for undergraduate and postgraduate nursing.

ABDOMINAL EXAMINATION



MALE RECTAL EXAM



FEMALE PELVIC EXAM



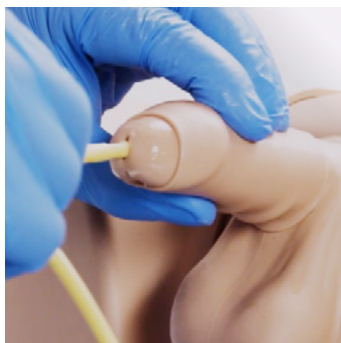
MALE PELVIC EXAM



BREAST EXAMINATION



CATHETERISATION



VENEPUNCTURE



OBSTETRICS & MIDWIFERY

The PROMPT Flex Range has become an integral part of many birthing training courses around the world, suitable for all levels of teaching, learning and skill maintenance.

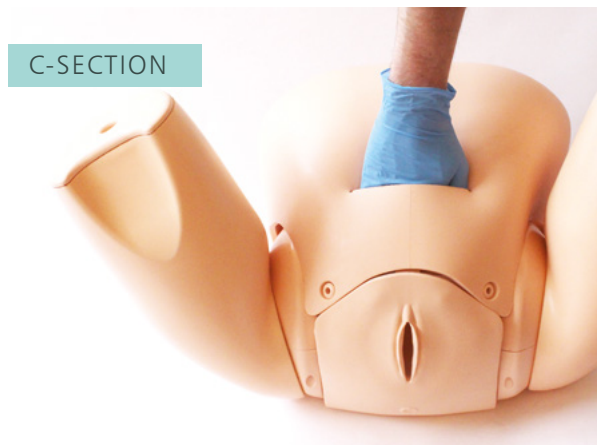
PROMPT FLEX ADVANCED



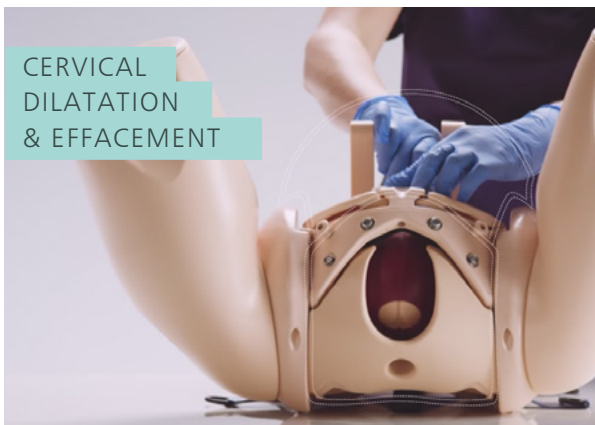
PPH



C-SECTION



CERVICAL
DILATATION
& EFFACEMENT



COMPRESSION
SUTURE UTERUS



OSCE TRAINING

It's important students feel confident taking the Objective Structured Clinical Examination. These products are designed to train and test clinical skill performance for the OSCE.

MALE RECTAL EXAMINATION



PELVIC EXAMINATION



ABDOMINAL EXAM



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CATHETERISATION



INJECTIONS



2019

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