Undergraduate Medicine Range

Learning has never been more lifelike

limbsandthings.com
With over 25 years’ experience Limbs & Things have a vision for the enablement of healthcare practitioners, allowing them to become more competent and confident professionals through deliberate practice. The resulting aim is to improve patient outcomes and reduce rates of medical error.

The products in this range have been specifically designed to meet the core training needs and essential skills required in **Undergraduate Medicine**.

*Outcomes for graduates* (originally published in *Tomorrow’s Doctors - 2009*) sets out the knowledge, skills and behaviours that new UK medical graduates must be able to show.

Curriculum references to the GMC Outcomes for graduates have been included throughout and are summarised on the back page of this brochure.
"Outcomes 2 – The doctor as a practitioner: The graduate will be able to carry out a consultation with a patient: 13c. Perform a full physical examination 14. Diagnose and manage clinical presentations. 14a. Interpret findings from the history, physical examination ... 14b. Make an initial assessment of a patient’s problems and a differential diagnosis."

Source: GMC Outcomes for Graduates: Tomorrow’s Doctors

BREAST EXAMINATION TRAINERS

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

Product 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

Optional Extras

• 40209 Breast Examination Carry Case
ABDOMINAL EXAMINATION TRAINER

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 differentiate normal from abnormal pathology.

Product Anatomy & Contents

- 3 Interchangeable Livers
- 2 Interchangeable Spleens
- 2 Enlarged Kidneys
- Set of 6 Abdominal Pathologies
- Aneurysmal Aorta
- Normal Aorta
- Speaker
- Distended Bladder
- Distension Foam Insert
- Ascites Bag
- Pump
- Distension Set
- Gaseous Distension Bag
Skills

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

Product Qualities

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

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

Product List
- 60005 Abdominal Examination Base Unit
- 60006 Abdominal Examination Skin
- 60007 Abdominal Fluid Bag
- 60008 Abdominal Examination Organ Locator
- 60009 Abdominal Wall
- 60010 Abdominal Examination Livers (Set of 3)
- 60011 Abdominal Examination Spleens (Set of 2)
- 60012 Abdominal Examination Kidneys (x2)
- 60013 Abdominal Examination Bladder
- 60014 Abdominal Examination Pathologies (Set of 6)
- 60015 Abdominal Examination Aortas (Set of 2)
- 60016 Abdominal Examination - Distension Set
- Carry case
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.

In 2014 the 7 uterine modules included with the Advanced model were used in a study by gynaecologists and doctors. Participants performed speculum and bi-manual examinations. The modules were found to be realistic and have construct validity.¹

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

7 modules available

- 60900 CFPT Abdominal Insert
- 60910 CFPT Abdominal Insert
- 60920 CFPT Module 1: Normal - Nulliparous Cervix
- 60921 CFPT Module 2: Small Fibroid - Nulliparous Polyp Cervix
- 60922 CFPT Module 3: Large Fibroid - Nulliparous Ectropion Cervix
- 60923 CFPT Module 4: Ovarian Cyst - Nulliparous Polyp 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

Patents granted
- US6336812 • EP099027 • DE69804793 • CA 2293585 • ZL98806331 • HK1023832 • 755575 Australia
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.

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

Product Qualities

Anatomy
- Abdomen, pelvis and genitilia
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):
  - Testicular tumour and penile cancer
  - Epididymal cyst
  - Varicocele
  - Orchitis / Epididymo-orchitis
  - Hydrocele
  - 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
7 modules available

Images above are for information purposes & show a simplified representation of anatomy within the CMPT Modules.
A sophisticated trainer for teaching and practising the use of an ophthalmoscope, examining the ocular fundus and identifying diseases and conditions within the eye.

Various cases can be set up for trainees using combinations of a choice of slides, depth and pupil diameter. Soft and supple material allows hands-on simulation of real examination procedures, such as raising the eyelid.

Head is mounted on a sturdy lightweight plastic base.
EAR EXAMINATION SIMULATOR II

KMWJ2

A life-size model of the ear including external acoustic meatus and tympanic membrane, for training in examination of the ear with an otoscope and foreign body removal. It offers two modes of use: instructor mode, which is particularly useful for OSCE or skills examination, and self-learning mode.

The model warns against painful insertion in the ear by beeping when in learning mode and displaying a warning light to the assessor when in instructor mode.

The instructor mode also indicates when the tip of the otoscope reaches the bony part of the ear canal (yellow light) or touches the eardrum (red light).

**Product Qualities**

**Anatomy**
- Head, neck and shoulders
- Anatomically correct soft ear model with external acoustic meatus and tympanic membrane

**Realism**
- Ear model allows training in straightening the auditory canal by pulling the auricle
- The neck can be tilted to allow proper head positioning

**Key Features**
- Warning against painful insertion with or without beep
- 9 major clinical cases are prepared:
  - Normal
  - Serous otitis media (SOM)
  - Mucoid otitis media (MOM)
  - Chronic otitis media with perforation
  - Acute suppurative otitis media (AOM)
  - Cholesteatoma
  - Tympanosclerosis
  - Traumatic perforations
  - Cerumen block
- Foreign body removal set supplied. Includes simulated earwax, small toys, small sponge fragments and a spoon

**Versatility**
- Examination possible on both left and right ears
- Suitable for use with all otoscopes
- 4 matching sets of right and left ears
- 2 sizes of ear canal for all cases
- Cases can be switched over easily by using the dial on the back of the mode

**Skills**
- Ear examination with an otoscope (not supplied)
- Diagnosis of up to 9 cases
- Earwax and foreign body removal

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**Examination of the ear with an otoscope**

**Head can be tilted to allow for proper positioning**

**Foreign body removal can be practised**

**Red light comes on when otoscope touches eardrum**

- Manikin head & shoulders
- 4 Pairs of ear units:
  - Examination ear (normal)
  - Examination ear (stenosis)
  - Foreign body ear (normal)
  - Foreign body ear (stenosis)
- Set of foreign body removal kit
- Carry case
**RECTAL EXAMINATION TRAINER MK 2**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>60120</td>
<td>Simulated Patient</td>
</tr>
</tbody>
</table>

Our model comprises a realistic representation of the buttocks, anus and rectum enabling the practice of diagnostic skills associated with rectal examination.

**Skills**
- Digital prostate and rectal examination
- Proctoscope insertion and use
- Professional-to-patient communication

**Product Qualities**

<table>
<thead>
<tr>
<th>Anatomy</th>
</tr>
</thead>
<tbody>
<tr>
<td>– Buttocks, anus and rectum</td>
</tr>
<tr>
<td>– 2 interchangeable perineums:</td>
</tr>
<tr>
<td>- Normal for prostate examination</td>
</tr>
<tr>
<td>- Pathology featuring polyp and carcinoma</td>
</tr>
<tr>
<td>– 5 interchangeable prostates:</td>
</tr>
<tr>
<td>- Normal</td>
</tr>
<tr>
<td>- Bilateral benign</td>
</tr>
<tr>
<td>- Unilateral benign</td>
</tr>
<tr>
<td>- Bilateral carcinoma</td>
</tr>
<tr>
<td>- Unilateral carcinoma</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Realism</th>
</tr>
</thead>
<tbody>
<tr>
<td>– The prostate is hidden and cannot be seen by the trainee</td>
</tr>
<tr>
<td>– Realistic sphincter tone</td>
</tr>
<tr>
<td>– Palpable sacrum</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Versatility</th>
</tr>
</thead>
<tbody>
<tr>
<td>– Prostates can be easily and quickly changed</td>
</tr>
<tr>
<td>– Trainer can also be presented in ‘semi-standing’ position</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Safety</th>
</tr>
</thead>
<tbody>
<tr>
<td>– Latex free</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cleaning &amp; Care</th>
</tr>
</thead>
<tbody>
<tr>
<td>– Washable using soap and water</td>
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</tbody>
</table>

**SAM II - STUDENT AUSCULTATION MANIKIN**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CD718-8800</td>
<td>New Product</td>
</tr>
</tbody>
</table>

This adult auscultation manikin has listening points at the correct anatomical locations and allows students to use their own stethoscope to identify an extensive range of lifelike heart, breath, bowel and bruit sounds. It also allows palpation of a thrill.

**Skills**
- Use and placement of a stethoscope (not supplied)
- Identification of sounds and their variations
- Relationship between sounds and auscultation sites
- Ability to describe sounds clearly to others
- Palpation of anterior and posterior thrills

**Product Qualities**

<table>
<thead>
<tr>
<th>Anatomy</th>
</tr>
</thead>
<tbody>
<tr>
<td>– Angle of Louis is present for landmarking</td>
</tr>
<tr>
<td>– Anatomically correct auscultation sites</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Key Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>– Total of 97 sounds: 36 heart, 27 breath, 16 bowel, 10 heart and breath combination sounds</td>
</tr>
<tr>
<td>– Variable heart and respiration rates (heart sounds are played at 60, 75, 90 and 110 bpm and breath sounds from 12-30 bpm)</td>
</tr>
<tr>
<td>– Carotid pulse timed with the first heart sound to identify the onset of systole</td>
</tr>
<tr>
<td>– Software includes visual phonocardiograms that can be projected for group teaching</td>
</tr>
<tr>
<td>– Includes free SAM Online site licence giving access to sound library, lessons with illustrations, diagrams, etc</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Versatility</th>
</tr>
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<tbody>
<tr>
<td>– Can be used in the upright, supine or left lateral position</td>
</tr>
<tr>
<td>– Suitable for lab, classroom, or online</td>
</tr>
<tr>
<td>– Portable and easy to use</td>
</tr>
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<td>– Washable using soap and water</td>
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<table>
<thead>
<tr>
<th>SAM II manikin</th>
</tr>
</thead>
<tbody>
<tr>
<td>– Dell Laptop with SAM II software installed</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>USB cables (x2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>– SAM II t-shirt</td>
</tr>
<tr>
<td>– User manual</td>
</tr>
</tbody>
</table>

- Lower torso Base Carry case
- 60122 Mk 2 Rectal Examination Perineum - Normal
- 60123 Mk 2 Rectal Examination Perineum - Pathology
- 60121 Mk 2 Rectal Examination Prostates (Set of 5)
- 00293 Tube of water-based Lubricant
- 000096 SAM II power cord
“Therapeutic Procedure no. 20, p.14 - Subcutaneous and intramuscular injections - Giving injections beneath the skin and into muscle.”
Source: GMC Outcomes for Graduates: Tomorrow’s Doctors

“Therapeutic Procedure no. 26, p.15 - Providing basic care of surgical or traumatic wounds and applying dressings appropriately.”
Source: GMC Outcomes for Graduates: Tomorrow’s Doctors

INJECTION TRAINER

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

Product 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

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

SEYMOUR II WOUND CARE MODEL™

Based on a 74-year old patient, this model aids in the identification and assessment of wounds. Once the different aetiologies are understood, it can be used to discuss and devise treatment plans.

Skills
- Wound assessment (classification & staging)
- Wound cleansing
- Dressing techniques
- Measurement of wound length, depth, undermining and tunnelling
- Negative pressure wound therapy

Product Qualities

Anatomy
- Displays the following conditions:
  - Stage I pressure injury
  - Stage II blister intact
  - Stage III pressure injury with undermining, tunnelling, subcutaneous fat, eschar and slough
  - Stage IV deep injury with exposed bone, undermining, tunnelling, subcutaneous fat, eschar and slough
  - Suspected DTI, unstageable
  - 5 1/2" dehisced wound

Realism
- Unique flexible lifelike material permits the placement of dressings (without adhesive residue)
- Can be used with negative pressure wound therapy devices

Cleaning & Care
- Skin is washable using soap and water

- Seymour II Wound Care Model
- Legend
THE BAG & STAND ADVANCED VENEPUNCTURE ARM

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

THE STANDARD VENEPUNCTURE ARM

The Standard Venepuncture Arm provides the ideal platform for practising the skills related to venepuncture and IV cannulation.

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. Little technical knowledge is required for setup and maintenance.

VENEPUNCTURE ARMS

(Common features for all Venepuncture Arms)

Skills

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

Product Qualities

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
- Easy to clean, service and maintain
The Advanced Venepuncture Arm features a complex vein system, which is connected to a closed blood supply, for easy adjustment of pressure.
“Therapeutic Procedure no. 22, p.14 - Male and female urinary catheterisation - Passing a tube into the urinary bladder to permit drainage of urine, in male and female patients.”

Source: GMC Outcomes for Graduates: Tomorrow’s Doctors

ADVANCED CATHETERISATION TRAINER - COMPLETE SET

Our Advanced Catheterisation Trainer facilitates the teaching of urethral and supra-pubic 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.

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 and catheter management using Suprapubic Bung

Product 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
- 1 litre 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
ADVANCED CATHETERISATION TRAINERS - MALE & FEMALE

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

BASIC CATHETERISATION TRAINERS - 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.

SUPRAPUBIC CATHETERISATION MANAGEMENT BUNG

Set of 2 bungs, to be used with Limbs & Things Catheterisation Trainer Range. This Pre-Ported Suprapubic Bung allows for the management of catheters after surgical procedure has taken place.
“Therapeutic Procedure no 25, p.15 - Skin suturing - Repairing defects in the skin by inserting stitches (normally includes use of local anaesthetic).”

**Suture Tutor Plus™**

All you need to learn basic instrument handling, knot tying, suturing and more.

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**Suture Tutor Plus™** is a complete training package to help medical students and healthcare professionals master fundamental hands-on skills relating to instrument handling, knot tying and suturing.

The product consists of two parts which can be purchased individually, or together as a complete package.

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**ONLINE, VIDEO-BASED COURSE**

Developed in collaboration with Professors of Surgical Education Jonathan Beard and Roger Kneebone, the 11 module course closely follows the Intercollegiate Surgical Curriculum Programme.

- Unlimited access
- Explanatory videos use computer graphics for clarity
- Demonstration videos use clinical footage
- Choose from PRO or LITE versions
- Purchase 1 year subscription with or without kit

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**HANDS-ON KIT**

This Hands-on Kit contains the essentials for practising suturing, knot tying and instrument handling. Packaged in a robust, rigid plastic box, it is highly portable, can be quickly and safely packed and the lid may also double as a temporary sharps bin.

- **00092 Large, Light Professional Skin Pad Mk 2**
- **00550 Skin Pad Jig Mk 3**
- **00555 Basic Knot-tying Kit**
- **INSO2000 Pack of 10 Sutures (non-sterile)**
- Scalpel
- Dissecting forceps
- Scissors
- Needle holder

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- Handling of instruments ✔ ✔
- Needles and sutures ✔ ✔
- Knot tying ✔ ✔
- Incision of skin and subcutaneous tissue ✔ ✔
- Suturing techniques ✔ ✔
- Suture aftercare ✔ ✔
- Patient management and consent ✔ ✔
- Scrubbing, gowning and gloving ✔ ✔
- Cleaning a wound ✔ ✔
- Local anaesthesia ✔ ✔
- Other methods of wound closure ✔ ✔
- **STP-KIT** Hands-on Kit ✔ ✔
Additional Products

AIRSIM ADVANCE

The AirSim® Advance features the uniquely constructed AirSim® airway, designed to provide true, anatomically correct and visually accurate internal features to allow for airway management techniques.

The addition of a “real-feel” skin covering provides a more realistic bag mask ventilation training, allowing for accurate articulation.

Skills
• Double naso-tracheal intubation
• Bag and Mask ventilation techniques
• Full range of supraglottic devices
• Direct laryngoscopy
• Endotracheal tube insertion
• Awake fibre optic examination
• Combi tube insertion

Product Qualities

Realism
– Realistic feedback during airway management procedures
– ‘Real feel’ skin covering for added realism

Key Features
– An anatomically correct nasal cavity, with important landmarks such as the turbinates clearly defined.
– An inflatable tongue with real-life size and texture

ARTERIAL PUNCTURE WRIST

This trainer facilitates practice of radial artery puncture for blood collection and artery catheterisation.

Skills
• Palpation of radial artery
• Needle insertion
• Blood collection

Product Qualities

Realism
– Arterial pulse is palpable
– Soft tissue and artery wall provide realistic needle resistance

Key Features
– Speed of pulse is variable
– Flashback can be observed

Versatility
– Puncture sites not visible after use
– One-touch, leak free connectors

Cleaning & Care
– Easy clean product
– Skin, pad and artery tube are replaceable

• KK11351-010  Skin Sets (Inner & Outer)
• KK11351-030  Silicon Belt
• KK11351-040  Artery Tubes (x4)
• Wrist & hand model with circulation pump
• Jar of blood powder with beaker & spoon
• Plastic jars (x2)
• Connection tubes (x2)
• Air bulb
• Vinyl sheet
• Case
### UK Undergraduate Medicine Curriculum References

<table>
<thead>
<tr>
<th>Product No</th>
<th>Description</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>40200</td>
<td>Advanced Breast Examination Trainers</td>
<td>“Outcomes 2 – The doctor as a practitioner: The graduate will be able to carry out a consultation with a patient: 13c. Perform a full physical examination 14. Diagnose and manage clinical presentations. 14a. Interpret findings from the history, physical examination ... 14b. Make an initial assessment of a patient’s problems and a differential diagnosis.” GMC Outcomes for Graduates: Tomorrow’s Doctors</td>
</tr>
<tr>
<td>40201</td>
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<tr>
<td>40202</td>
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<tr>
<td>60000</td>
<td>Abdominal Examination Trainer</td>
<td></td>
</tr>
<tr>
<td>60900</td>
<td>Clinical Female Pelvic Trainers</td>
<td></td>
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<tr>
<td>60905</td>
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<td>“Therapeutic Procedure no. 20, p.14 - Subcutaneous and intramuscular injections - Giving injections beneath the skin and into muscle.” GMC Outcomes for Graduates: Tomorrow’s Doctors</td>
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<td>Seymour II Wound Care Model</td>
<td>“Therapeutic Procedure no. 28, p.15 - Providing basic care of surgical or traumatic wounds and applying dressings appropriately.” GMC Outcomes for Graduates: Tomorrow’s Doctors</td>
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<td>00290</td>
<td>Venepuncture Arms</td>
<td>“Appendix 1: Practical Procedure no. 4, p.12 - Venepuncture: Inserting a needle into a patient’s vein to take a sample of blood for testing, or to give an injection into the vein.” GMC Outcomes for Graduates: Tomorrow’s Doctors</td>
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<td>Catheterisation Trainers</td>
<td>“Therapeutic Procedure no. 22, p.14 - Male and female urinary catheterisation - Passing a tube into the urinary bladder to permit drainage of urine, in male and female patients.” GMC Outcomes for Graduates: Tomorrow’s Doctors</td>
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<td>“Therapeutic Procedure no 25, p.15 - Skin suturing - Repairing defects in the skin by inserting stitches (normally includes use of local anaesthetic).” GMC Outcomes for Graduates: Tomorrow’s Doctors</td>
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