

UNDERGRADUATE MEDICINE RANGE

With over 30 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.



Learning has never been more lifelike limbsandthings.com

BREAST EXAMINATION TRAINER - STANDARD, ADVANCED & BASIC

40200	41200	STANDARD
40201	41201	ADVANCED
40202	41202	BASIC



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.





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 recognise and differentiate a range of abnormal organs and pathologies.



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

60900

60930 60935 STANDARD ADVANCED













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.



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

60950

60964 60965

STANDARD ADVANCED

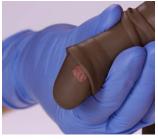


An ideal platform for teaching and learning hands-on male pelvic examination and diagnosis.

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.











The **Advanced** model is designed to support undergraduate medicine training focusing on learning core rectal procedures, including pathologies. Contraction of anal sphincter can be simulated allowing for anal tone assessment, whilst the representation of impacted faecal matter can be inserted into anal canal. A range of prostates and 2 perineums, support trainees to become familiar with normal and abnormal findings and acquire key diagnostic skills.





SAM 3G - STUDENT AUSCULTATION MANIKIN

NON-ENHANCED

ENHANCED

CD718-8800

CD718-8900

CD718-8802

CD718-8902

SAM 3G is an adult auscultation manikin, ideal for teaching users to identify an extensive range of lifelike heart, breath, bowel and bruit sounds.

SAM 3G Enhanced includes additional software features:

- 24 Case Videos
- 12 Echocardiogram Videos
- Real Sound Library





SIMSCOPE WIFI THE HYBRID SIMULATOR

CD718-3410

An auscultation solution for real-time, seamless simulated patient interaction and assessment.

Users can simulate a wide range of heart, bowel, lung and bruit sounds using wireless communication between the Simcope stethoscope, software and patches applied to the Simulated Patient.



EYE EXAMINATION SIMULATOR

EAR EXAMINATION SIMULATOR II



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.



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 and displaying a warning light to the assessor.

INJECTION TRAINER

00310

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.



TRUIV BLOCK



The TruIV Block allows learners to gain proficiency in the skills associated with IV cannulation. Featuring 8 veins (superficial and deep) ranging from 4-8mm in diameter, users can practise the use of ultrasound during IV procedures. This easy to set up model is realistic and durable allowing for approximately 4000 needles before needing to be replaced.



VENEPUNCTURE ARM RANGE

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

Suitable for undergraduate and postgraduate level training.



The patent pending skin locking mechanism ensures the model is easy to re-skin whilst maintaining the lifelike haptics of the underlying and fully palpable basilic, cephalic and dorsal metacarpal veins.

BASIC VENEPUNCTURE ARM

70304

70305

Designed with a basic vein structure, this model contains basilic and cephalic veins only.

STANDARD VENEPUNCTURE ARM

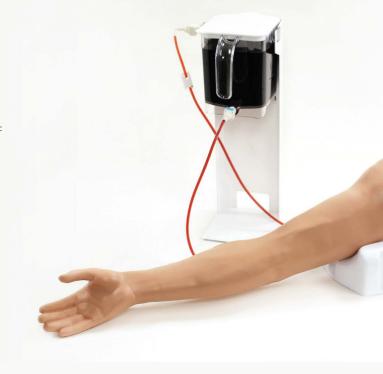
70302

70303

For cost effective training the modular vein system contains ACF and metacarpal vein anatomy.







ADVANCED VENEPUNCTURE ARM

70300

70301

The Advanced Venepuncture Arm features ACF and metacarpal vein anatomy which is connected to a pressurised fluid system for a realistic blood supply.





CATHETERISATION TRAINER RANGE



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

Interchangeable modules offer the ability to view the catheter path when performing the procedure, whilst the suprapubic module allows for practising the more advanced skills of suprapubic management and ultrasound guided insertion. The anatomically accurate trainers include a supple urethra and resistant sphincter providing a closer to life training experience.

MALE CATHETERISATION TRAINER



60850

60870

The male trainer has soft and compliant genitalia to enhance the realistic experience of catheter insertion.

Replaceable and removable foreskin.



FEMALE CATHETERISATION TRAINER



60851

60869

The female trainer has soft labia allowing trainees to practice parting using the aseptic no touch technique, as well as management and care of a pre-inserted suprapubic catheter via the pre-ported bung.











TCTB10001



AIRSIM ADVANCE X

TCAA91100X TCAA91100XDS





An anatomically correct, multi-faceted simulation trainer that supports a well-rounded paediatric learning experience. Equipped with a host of defining features, this product allows for training in airway management, lumbar puncture, PICC line insertion, chest drain, CPR, peripheral venous cannulation, IO tibia, and urethral catheterisation using both male and female genitalia.



Designed to provide true, anatomically correct and visually accurate internal features to allow for airway management techniques.

ARTERIAL PUNCTURE WRIST

KKM99

The Arterial Puncture Training Wrist is designed to provide training in arterial puncture, and to allow trainees to practice skills ranging from needle insertion to catheter insertion.

This model offers realistic tissue and artery wall resistance for needle injection, which allows for artificial blood to be observed whilst flowing into the needle. For repeatable training, the puncture skin, pad and artery tube are replaceable.



SUTURE TUTOR PLUS™

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

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

ONLINE, VIDEO-BASED COURSE



STP-PRO-SUB

An online, video-based course that can be accessed anytime, anywhere. The 11 module course closely follows the Intercollegiate Surgical Curriculum Programme.

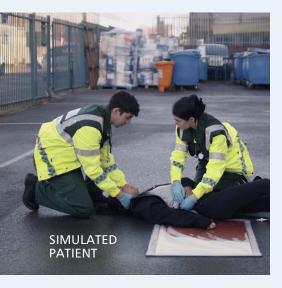
HANDS-ON KIT



A Hands-on Kit including a professional skin pad, 10 sutures, basic knot tying kit and all necessary instruments to allow repeated practice of suturing techniques. Can be purchased on its own or with the online course.



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









UK UNDERGRADUATE MEDICINE CURRICULUM REFERENCES

BREAST EXAMINATION	40200 40201	41200 41201
BILE/UST EXAMINATION	40202	41202
ABDOMINAL EXAMINATION	60000	60054
CLINICAL FEMALE PELVIC	60900 60905	60930 60935
CLINICAL MALE PELVIC	60950 60951	60964 60965
MALE RECTAL EXAMINATION	60171	60187
SAM 3G STUDENT AUSCULTATION MANIKIN	CD718-8800 CD718-8802	CD718-8800 CD718-8802
SIMSCOPE WIFI HYBRID SIMULATOR	CD718-3410	-

Outcomes for Graduates 2019, General Medical Council: The graduate will be able to carry out a consultation with a patient: 13.c. Perform a full physical examination 14. Diagnose and manage clinical presentations. 14b. safely and sensitively undertake an appropriate physical examination ...interpret findings from physical examinations...synthesise findings from the history, physical and mental state examinations and investigations ... and make proposals about underlying causes or pathology.

VENEPUNCTURE ARMS	70300 70302 70304	70301 70303 70305
ARTERIAL PUNCTURE WRIST	ККМ99	-
TRUIV BLOCK	TCTIV100	-

Practical Skills and Procedures, General Medical Council, April 2019, p.4-6 Diagnostic Procedures 5. Take blood cultures: take samples of venous blood to test for the growth of infectious organisms 7. Carry out venepuncture: insert a needle into a patient's vein to take a sample of blood for testing. Patient Care 13. Set up an infusion Set up and run through an intravenous infusion Prescribing 17. Prepare and administer injectable (...intravenous) drugs... Therapeutic Procedures 18. Carry out intravenous cannulation. Insert a cannula into a patient's vein and apply an appropriate dressing. 19 Carry out safe and appropriate blood transfusion.

AIRSIM ADVANCE X	TCAA991100X	ICAA91100XDS
CATHETERISATION TRAINERS	60850 60851	60870 60869

Future nurse: Standards of proficiency for registered nurses,17 May 2018, p.36 8.6 manage airway and respiratory processes & equipment.

Practical Skills and Procedures, General Medical Council, April 2019, p.6 Therapeutic Procedures 20. Carry out male & female urinary catheterisation. Insert a urethral catheter in both male and female patients.

TRUBABY X	TCTB10001
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Practical Skills and Procedures, General Medical Council, April 2019, Diagnostic Procedures (not age specific): Take Blood Cultures; Carry out venepuncture; Carry out intravenous cannulation; Carry out male and female urinary catheterisation.

EAR EXAMINATION	KKMW12
EYE EXAMINATION	KKM82

Practical Skills and Procedures, General Medical Council, April 2019, p.4 Assessment of patient needs 4. Perform basic otoscopy and identify common abnormalities.

INJECTION TRAINER	00310

Practical Skills and Procedures, General Medical Council, April 2019, p.6 Prescribing 17. Prepare and administer injectable (intramuscular, subcutaneous, intravenous) drugs... and prefilled syringes.

CUITURE TUTOR DUUS	STP-PRO-SUB
SUTURE TUTOR PLUS	STP-KIT

Practical Skills and Procedures, General Medical Council, April 2019, p.6 Therapeutic Procedures 21. Carry out wound care and basic wound closure and dressing. Provide basic care of surgical or traumatic wounds and apply dressings appropriately.

UK V08 January 2022







