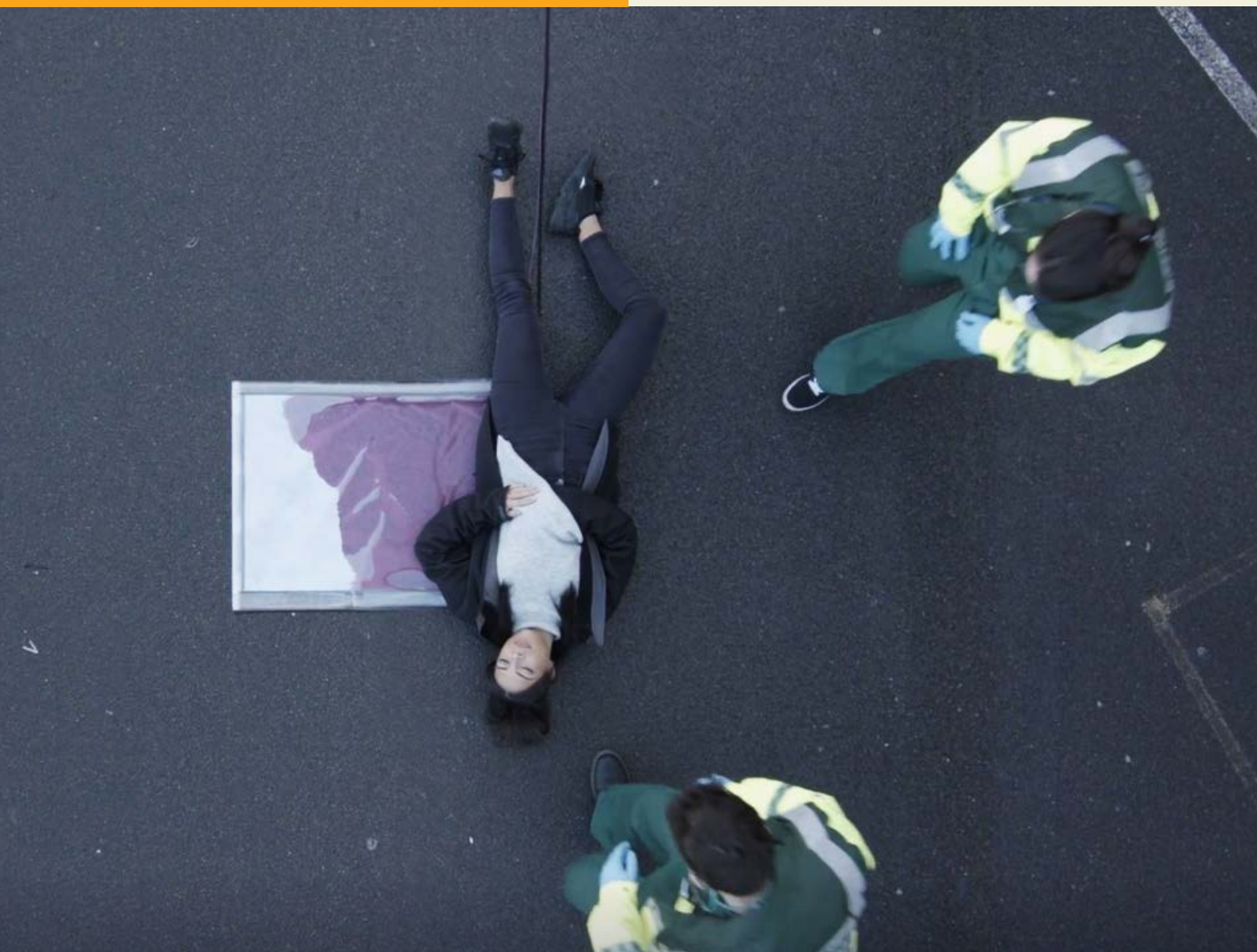


**limbs&
things**

PARAMEDIC RANGE

The products in this range support the key training needs of Paramedic Training Courses.

From patient assessment and basic care in years 1 & 2, to the more advanced skills taught in year 3, the range covers a variety of essential training elements including abdominal examination, venepuncture and airway management.



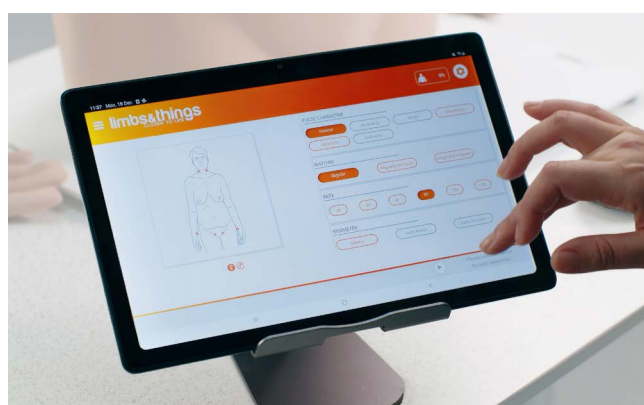
Learning has never been more lifelike

limbsandthings.com

Cardiovascular and Respiratory Examination (CaRE)

91000

91100



The new CaRE (Cardiovascular & Respiratory Examination) Trainer teaches the key skills needed to carry out cardiovascular or respiratory examination and diagnosis.

The CaRE Trainer has lifelike pulses, chest movement, apex beat, thrills & heaves. Along with 23 heart sound profiles and 10 lung sounds that can be listened to via the LimbPAD.

There are 31 clinical cases that range from common to complex pathologies. The clinical cases showcase patented technology that synchronises sounds & movement, to realistically represent a real patient.

Controlled by a web app, users can choose to learn by individual skills, cases or through assessment mode which allows trainees to practise both physical examination with test results and x-rays, to find the differential diagnosis.

QUALITIES

KEY FEATURES

- Pulses: Radial, femoral & carotid pulses with 6 different characteristics available at rates from 30 to 170 BPM
- Apex beats in both the normal & displaced location at varying pulse rates
- Palpable & visible heaves
- Thrills over the 4 heart valves
- Trachea and larynx with the ability to displace the trachea to the left & right
- Auscultation of 24 heart & 10 lung anterior and posterior sounds, with heart sounds split into 4 heart valve locations
- Visible breathing with realistic symmetrical and asymmetrical chest rise & fall at variable rates, patterns, and depths

Abdominal Examination Trainer

60000

60054



INCLUDES
**AUGMENTED REALITY
TRAINING (ART)**

Discover the benefits on the back page



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.

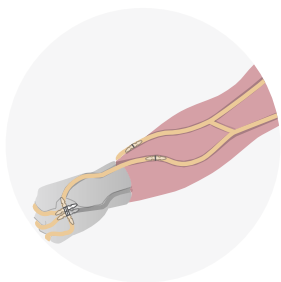
With interchangeable organs of varying sizes, and an integral MP3 player providing realistic sounds, the trainer provides the ability to recognise and differentiate a range of abnormal organs and pathologies.

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.



Birth Simulator - PROMPT Flex

ADVANCED

STANDARD

80106

80206

80100

80200



INCLUDES
**AUGMENTED REALITY
TRAINING (ART)**

Discover the benefits on the back page

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.



Chest Drain & Needle Decompression Trainer

60230

61230



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

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



INCLUDES
**AUGMENTED REALITY
TRAINING (ART)**
Discover the benefits on the back page

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
- Application of adhesive dressings and/or suturing of chest tube
- Ultrasound-guided chest drain insertion (Seldinger-technique), including insertion of needle under direct vision and ultrasonic recognition of chest structures
- Management of pleural effusion
- Increased understanding of internal anatomy and procedures

REALISM

- Can give the impression of breathing under ultrasound when using the advanced pad
- Needle decompression on the midclavicular lines, produce a realistic "hiss" of air releasing. A saline filled syringe can also be used to observe bubbles of gas releasing from the chest cavity
- Simulate movement within the liquid of the chest cavity when using ultrasound-guided procedure
- Standard pads offer a realistic "pop" on insertion of finger or forceps into the pleural space
- Accurate representation of anatomy & procedures on the ART app

TruMan Trauma X

TCTB10001

TCTB10001DS

 **trucorp**



Able to simulate a range of emergency procedures, TruMan Trauma is ideal for training in advanced airway management skills for life threatening trauma situations including needle decompression, cricothyroidotomy, and chest tube insertion.

The anatomically correct adult male torso manikin incorporates TruCorp's signature AirSim X design for realistic airway management skills training.

QUALITIES

ANATOMY

- Adjustable head & neck mechanism with full tilt, chin lift & jaw thrust
- Larynx with cricoid landmarks, laryngeal cartilages and tracheal rings
- Tongue that can replicate various severities of tongue edema (via an inflation bulb)

REALISM

- Anatomically accurate oral & nasopharyngeal AirSim X airway
- Thoracic landmarks with realistic feel under palpation
- Inflatable tongue can be adjusted to simulate normal lingual tension, tongue edema, & anaphylactic reactions
- Realistic look & feel of tissues representing skin, fat & muscle
- Accurate representation of rise & fall during ventilation
- Audible hiss on successful needle insertion into 2nd and 5th intercostal spaces

KEY FEATURES

- **Cardiopulmonary resuscitation (CPR)** – full head tilt, chin lift & jaw thrust for airway preparation prior to resuscitation, life-like recoil during compressions
- **Cricothyroidotomy & tracheostomy** - palpable cricoid landmarks, laryngeal cartilages & tracheal rings
- **Chest tube insertion** - surgical incision, blunt dissection, perforation of pleura & finger sweep
- **Needle decompression** - right & left tension pneumothorax at the 2nd & 5th intercostal space using a resuscitation bag

TruTourniquet

TCTTQ1000

TCTTQ1000DS



TruTourniquet offers a realistic training model for massive haemorrhage control associated with traumatic amputation, suitable for any healthcare discipline that requires trauma training.

Representative of a right thigh amputation on an adult, TruTourniquet can be used to teach realistic haemorrhage control in the field, as well as controlled education scenarios.

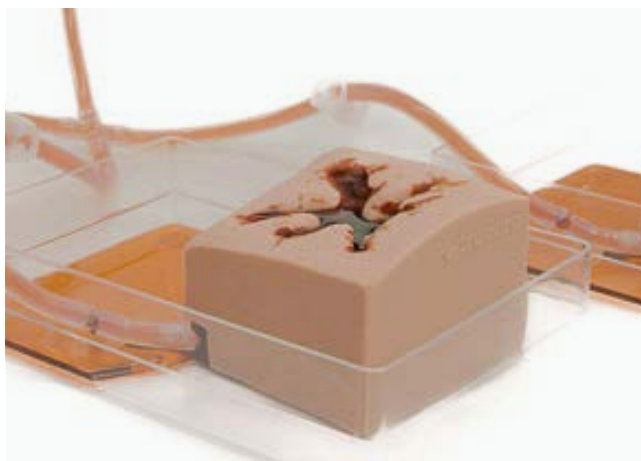
SKILLS GAINED

- Techniques for applying various types of tourniquets
- Combat Application Tourniquet application

TruWound

TCTWO1000

TCTWO1000DS



TruWound simulator offers medical professionals a realistic way to train in wound packing techniques required for the care of severe bleeding in trauma patients.

Ideal for a fast-paced learning environment, its unique 3-wound set up can be used for individual or group training, to replicate traumatic wounds in Emergency Room scenarios.

SKILLS GAINED

- Wound packing procedures and techniques using haemostatic pads

Clean Bleed™ Mat

70400



Designed to easily replicate bleeds at variable speeds, without a messy clean up.

BSS Traumatic Wound

50047



To teach wound management, traumatic wound debridement and foreign body removal.

AirSim Difficult Airway



The AirSim Difficult Airway supports trainees' practice in a range of scenarios from straightforward to very difficult to intubate, facilitating training for both beginner & advanced users.

An innovative design allows the tongue, larynx, jaw, head rotation, and vocal chords to be uniquely adjusted to create different conditions.



QUALITIES

REALISM

- Easy identification of sternal notch, tracheal rings & cricoid and laryngeal cartilages

KEY FEATURES

- Interchangeable larynx allows quick & easy repeated use
- Wraparound replaceable neck skin rotates for 10-15 incisions
- All features can be activated quickly & effortlessly by the instructor to create a more challenging or easier experience. The features can be used in isolation or combined to deliver a scenario with numerous variations of difficulty

Smart Airway



Smart Airway represents the next evolution of TruCorp's market leading AirSim range. The trainer incorporates sensors for personalised feedback and assessment during airway management training, allowing learners to develop correct technique to perfect their skill.

The model is connected to an easy-to-use app, which allows trainees and educators to view their performance data in three different modes: practice mode, self-directed training, and instructor-led assessment.



QUALITIES

REALISM

- Adult airway simulation trainer with performance feedback of key metrics
- Supports independent learning with customisable content
- Independent or instructor-led assessment modes

KEY FEATURES

- Realistic adult male torso with visible chest rise & fall
- Uses CT DICOM data for anatomically correct internal features and accurate landmarks

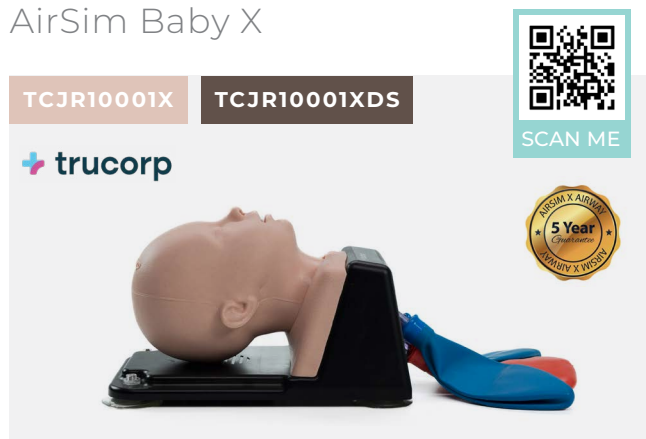
Airsim Combo Bronchi X



This trainer combines the innovative AirSim Combo X with the addition of the Bronchial component. This allows for a range of airway management training for all skill levels from beginner to advanced learners.

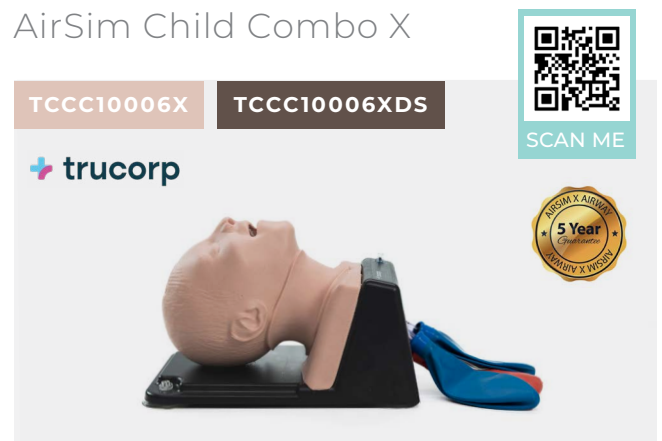
With the addition of the bronchi, trainees are able to perform diagnostic bronchoscopies, use bronchial barrier devices to perform lung isolation, and practice suction pulmonary secretions, as well as all other procedures available on the AirSim Combo X.

AirSim Baby X



The AirSim® Baby X, based on a 0 to 6-month-old, provides a realistic and anatomically correct paediatric manikin for airway management training.

AirSim Child Combo X



Ideal for practising oral and nasal intubation training techniques, percutaneous tracheostomy and emergency cricothyroidotomy on a 6-year-old child.

TruCric

TCTCRIC1

TCTCRIC1DS

The TruCric is ideal for practising emergency needle and surgical cricothyroidotomy techniques. The model also facilitates percutaneous tracheostomy procedures.

Anatomically accurate features including; tracheal rings, simulated cricoid, cricothyroid membrane and laryngeal cartilages help provide realistic training in front of neck access techniques.



Injection Trainer

00310



For practising intradermal, subcutaneous and intramuscular tissue injection techniques.

NCPR Simulator Plus

KKMW21

KYOTO KAGAKU



Ideal for training in a range of essential care skills including injection, catheterisation, airway suction and CPR.

Introducing Augmented Reality Training (ART) via our new app.
Dive under the skin and bring learning to life.

Interactive



Augmented Reality



Download the app for free

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

Use with our compatible trainers

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

No licence fees.



Find out more at
limbsandthings.com/ART



SCAN ME



REQUEST A QUOTE



REQUEST A DEMO



BUY ONLINE



CUSTOMER SUPPORT

UK V.4 March 2025

Limbs & Things

Sussex Street, Bristol, BS2 0RA, UK
E: gbsales@limbsandthings.com
T: +44 (0)117 311 0500

limbsandthings.com