limbs& things

ANAESTHETIST RANGE

Realistic training solutions for Anaesthetists

Match the requirements of the RCOA & ACCS curricula with this range of procedural skills trainers to increase competence and confidence.
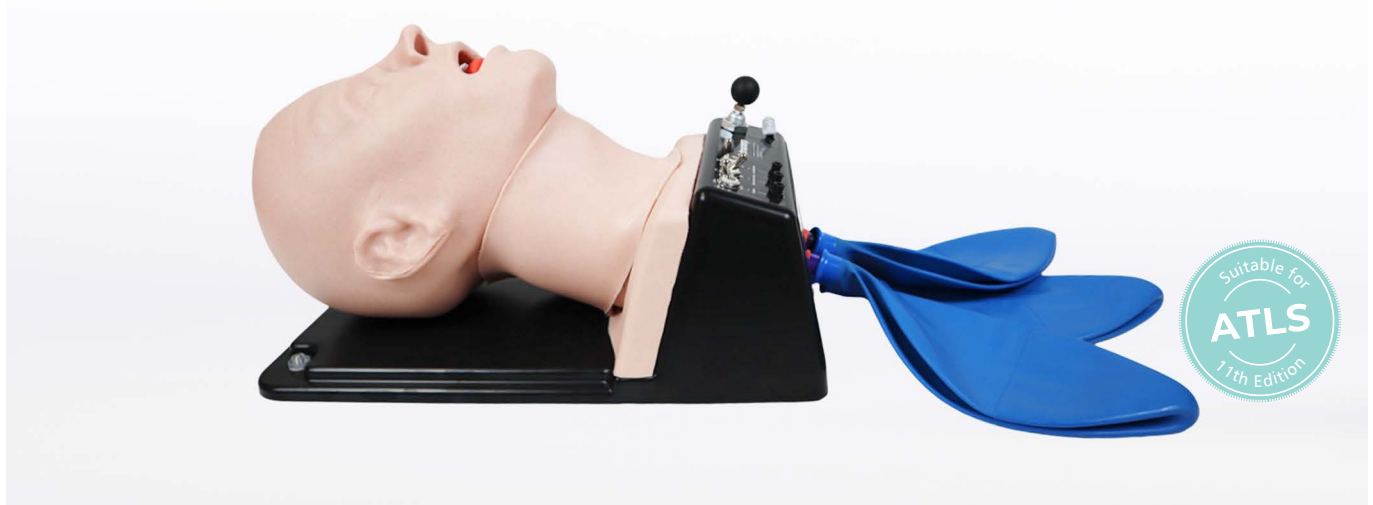

Learning has never been more lifelike

limbsandthings.com

AirSim Difficult Airway

TCDA91100 **TCDA91100DS**

✛ trucorp

Suitable for
ATLS
11th Edition

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

SKILLS

• Laryngospasm
  • Adjustable from normal to complete airway obstruction
  • Sudden closure of the vocal cords can be simulated
  • Upon successful user action, laryngospasm can be mechanically reversed to provide positive feedback
• Displaced larynx
  • Ability to displace the Larynx into a more anterior position to make visualisation of the vocal cords more challenging
  • Adjustable to provide various levels of difficulty
• Tongue Edema
  • The tongue can be swollen to simulate various degrees of tongue angioedema
• Receding / protruding mandible
  • Various degrees of malocclusion, one mandibular variant & two maxillary variants
  • Overbite and underbite features simulated
• Trismus
  • Ability to grossly restrict mouth opening to make insertion of airway devices more challenging
• Neck lock / head rotation restriction
  • Ability to simulate cervical arthropathy through restricting the range of motion of cervical spine neck lock / head rotation restriction

Smart Airway

TCSAA10001 **TCSAA10001DS**

+ trucorp

NEW

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.

SKILLS

- Needle cricothyroidotomy
- Surgical cricothyroidotomy
- Percutaneous tracheostomy
- Double nasotracheal intubation
- (BVM) Bag valve mask ventilation techniques
- Full range of supraglottic device insertion
- Direct laryngoscopy
- Video laryngoscopy
- Sellick manoeuvre
- Awake fibre optic examination
- Endotracheal tube insertion
- Combi tube insertion

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

VERSATILITY
- Incorporates the TruCorp replacement larynx & neck skins to allow for repeatable training
- Airway tested to withstand 20,000+ intubation cycles

APP FEATURES

QUANTITATIVE MEASURES
- Embedded sensors track key metrics & displayed on the app which include incisor force, patient head positioning, jaw thrust, cricoid pressure, cricothyroidotomy, oesophageal intubation, internal airway visuals, ventilation rate & volume (including left & right lung isolation)
- Reinforcing quantitative best practices for procedures

SCENARIO VARIABILITY
- Fully customisable assessment sessions with detailed feedback reports generated after each session outlining performance, user technique & any recommended corrective practice(s). Such sessions include direct laryngoscopy & intubation, bag mask ventilation, and sellick manoeuvre

VIDEO DEBRIEFING
- Intuitive performance dashboard collates individual session data
- Instructor-student discussions can continue post scenario to gain valuable feedback

OPTIMISED INSTRUCTION
- Video & theory tutorials provide correct techniques & rationale about why & how to perform the skill.
- Storage of session results created per user being a key to helping students & medical professionals track progress remotely & improve their technique in airway management related procedures
- By encapsulating the visualisation, tactile experience & data driven performance tracking of airway techniques, the Smart Airway accelerates competency, adaptability & confidence while requiring minimal instructor presence.

AirSim Combo X

TCCTC91100X   TCCTC91100XDS

trucorp

The TruCorp AirSim Combo X manikin combines intubation and cricothyrotomy training in one life-like model.

The trainer fully supports percutaneous tracheostomies and needle and surgical cricothyroidotomies.

Palpable laryngeal inserts, an inflatable tongue, and improved, real-feel skin, give trainees of all abilities, realistic feedback during procedures.

Airsim Combo Bronchi X

TCCTC95100X   TCCTC95100XDS

trucorp

This trainer combines the innovative AirSim Combo X with the addition of the Bronchial component. This allows for a range or 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.

COMPARE MODELS

	AIRSIM COMBO X	AIRSIM COMBO BRONCHI X
Oral / nasal intubation	✓	✓
Bag Valve Mask ventilation (BVM)	✓	✓
Supraglottic device insertion	✓	✓
Direct / video laryngoscopy	✓	✓
Bronchoscopy	×	✓
Needle cricothyroidotomy	✓	✓
Surgical cricothyroidotomy	✓	✓
Percutaneous tracheostomy	✓	✓
Nasogastric tube insertion	✓	✓

AirSim Baby X

TCJR10001X | TCJR10001XDS

+ trucorp

SCAN ME

5 Year Guarantee

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

SKILLS

- Double nasotracheal intubation
- Bag and mask ventilation techniques
- Full range of supraglottic devices
- Direct and video laryngoscopy
- Endotracheal tube insertion

QUALITIES

REALISM
- 'Real feel' skin covering for added realism
- Realistic external & internal anatomical features allow for easy and successful demonstration of all paediatric videolaryngoscopes

KEY FEATURES
- Realistic feedback during airway management procedures including bag/mask ventilation, supraglottic airway insertion, both naso & orotreacheal intubation

WHAT'S INCLUDED

AirSim Baby X
Baby Lung Bag Set
Bottle of TruCorp Lubrication (100ml)
USB User Manual
Carry Case

AirSim Child Combo X

TCCC10006X | TCCC10006XDS

+ trucorp

SCAN ME

5 Year Guarantee

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

SKILLS

- Double nasotracheal intubation
- Needle and surgical cricothyroidotomy
- Percutaneous tracheostomy
- Oral and nasal intubation
- Laryngeal mask airway & supraglottic device insertion
- Combi tube insertion
- Awake fibre optic intubation
- Video laryngoscopy
- Bag & mask ventilation techniques

QUALITIES

REALISM
- A realistic larynx which features palpable cricoid landmarks, laryngeal cartilages & tracheal rings

KEY FEATURES
- A tongue bulb which can be inflated to create tongue edema providing a variance during training
- User feedback through the visualisation of stomach inflation and lung expansion

WHAT'S INCLUDED

AirSim Child Combo X	Child Lung Bag Set
USB User Manual	Spare Larynx Inserts (x4)
Bottle of TruCorp Lubrication (100ml)	Carry Case

See the complete
Airway Management Range online

ADULT RANGE

PAEDIATRIC RANGE

TruCVC

TCTCVC100 **TCTCVC100DS**

+ trucorp

NEW

TruCVC is the latest addition to TruCorp's ultrasound-guided task trainers, specifically designed to aid in central venous catheter (CVC) insertion. With realistic and accurate vascular anatomy, TruCVC offers unmatched realism to aid in developing central line skills.

With its user-friendly base, the upper torso can be adjusted to a 15 degree angle for Trendelenburg positioning, allowing the trainer to simulate the elevation of the patients' lower limbs.

SKILLS

- Correct needle positioning
- Central venous catheter placement
- Wire manipulation
- Cannulation techniques
- Trendelenburg positioning
- Fluid injection
- Blood withdrawal
- Seldinger techniques
- Ultrasound techniques

TruPICC

TCTPIC100 **TCTPIC100DS**

TruPICC is an adult male training arm designed for effective training in ultrasound-guided PICC line and IV placement training, helping to develop skills associated with needle placement, guidewires and catheters using ultrasound.

SKILLS

+ trucorp

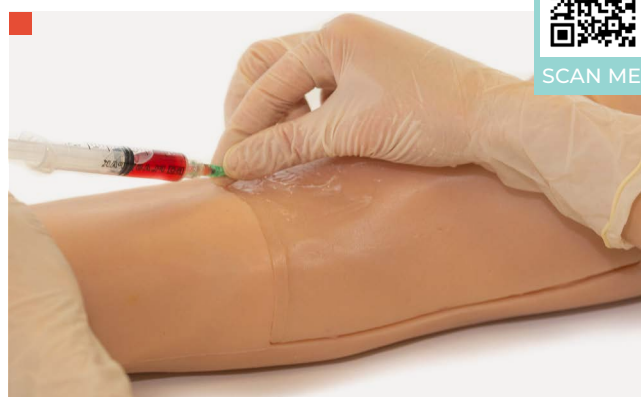SCAN ME

Ultrasound guided PICC Line Insertion

- Full catheter PICC Line placement & Seldinger techniques that allow full procedure, including inserting introducer & dilator
- Realistic visualisation of the vascular anatomy of an arm including the brachial artery & the brachial, cephalic, basilic & median cubital veins
- Upper chest features the superior vena cava to verify correct catheter placement using ultrasound

Intravenous (IV) Cannulation Techniques

- Realistic visualisation of the median cubital, brachial & basilic veins
- Differentiation between the basilic vein & the basilic artery

■ *PICC line Insertion*
■ *IV access*

Advanced Epidural & Lumbar Puncture Model

61001 **61024**

The Advanced model allows training in both lumbar puncture and epidural administration. Featuring two epidural inserts: standard and an advanced version with steeper spine, the model is ideal for both early and advanced training for more complex procedures.

This model also features optional fat pads to fit below the skin to increase realism and difficulty for trainees.

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

Ultrasound Epidural & Lumbar Puncture Model

61002 **61025**

Ideal for those wishing to teach lumbar puncture or epidurals using the ultrasound guided technique.

Tested to work with all major ultrasound brands, this model includes visible facet joints.

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

TruIV Block

TCTIV100 **TCTIV100DS**

trucorp

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.
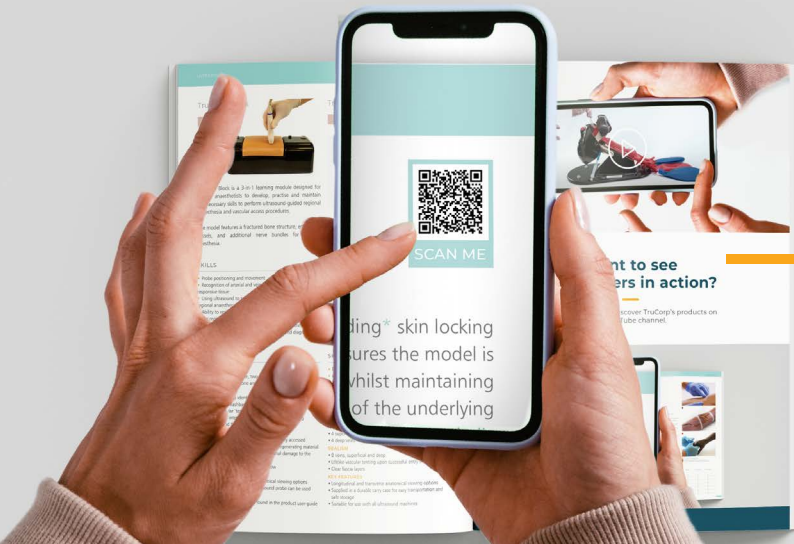
TruNerve Block

TCTNB110 **TCTNB110DS**

trucorp

SCAN ME

TruNerve Block is a 3-in-1 learning module designed for trainee anaesthetists to develop, practise and maintain the necessary skills to perform ultrasound-guided regional anaesthesia and vascular access procedures. The model features a fractured bone structure, embedded vessels, and additional nerve bundles for regional anaesthesia.

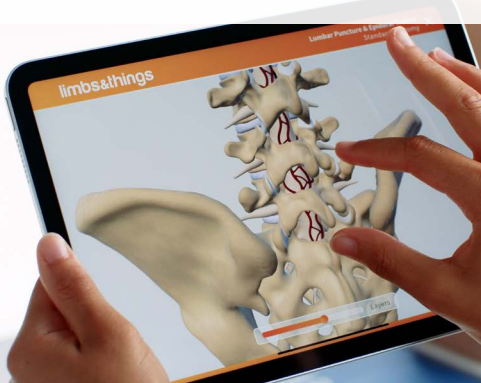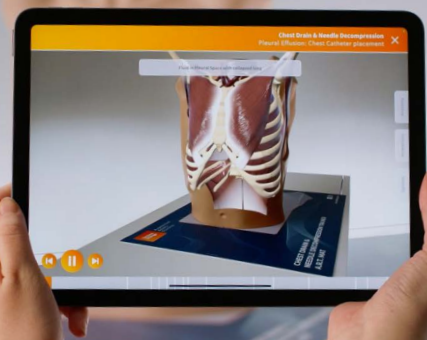# Want to see the trainers in action?

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

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