truultra ®

TruPICC

is an anatomical adult male arm which has been designed for users to practice the skills associated with ultrasound guided PICC line and Intravenous (IV) techniques. This IV and PICC training model develops the user's skills associated with needle placement, guidewires and catheters. The upper arm anatomy features the brachial vein, basilic vein, cephalic, median cubital vein, superior vena cava and the brachial artery for vessel differentiation.
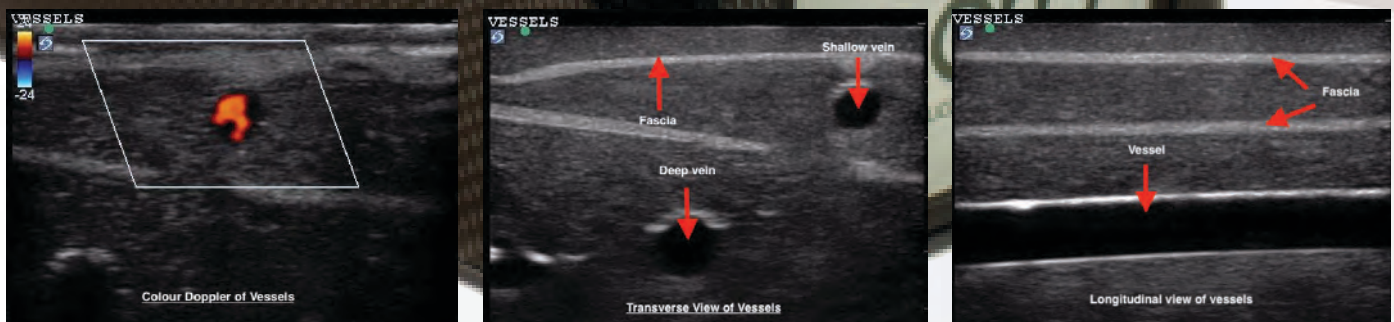
Features:

IV

- Realistic visualisation of the median cubital, brachial and basilic veins
- Differentiation between the basilic vein and the basilic artery
- Realistic blood flashback upon entry into the vessels
- Real feel vascular 'tenting' upon entry into the vessel

PICC

- Full catheter PICC line placement and Seldinger techniques can be practiced with a recommended 4F catheter
- Features vascular anatomy of an entire arm including the brachial artery, brachial, cephalic basilic and median cubital veins
- Ability to use ultrasound on the upper chest which contains the superior vena cava designed to allow users to verify correct catheter placement
- Option to switch on/off flow to either the cephalic or basilic veins to prolong the life of the insert
- Fluid can be injected into the model to verify needle tip location. When vessels are accessed fluids can be withdrawn and administered providing realistic blood flashback

Tru**NerveBlock**

is a 3-in-1 model for trainee anaesthetists to develop, practice and maintain the skills necessary to use ultrasound for guiding regional anaesthesia and vascular access procedures. The model features a fractured bone structure, embedded vessels which allows effective practise of routine IV cannulation and additional nerve bundles for regional anaesthesia.

Colour Doppler of Vessels

Transverse View of Vessels

Longitudinal view of vessels

Features:

- Contains epidermal layer, two simulated vessels (4mm), a nerve bundle (with surrounding artery and vein), a fractured bone & fascia layers
- Nerve bundle allows fluid entry & withdrawal for anaesthesia fluid administration
- Positive fluid flow when vessels are accurately accessed
- Constant blood flow for realistic flashback
- Colour Doppler flow imaging
- 1000+ needle incisions with self-healing/regeneration of the TruUltra material
- Needle tracks disappear with very minimal damage to material
- Longitudinal and transverse anatomical viewing options
- Realistic needle tip identification and artefact