

## Removing air

1



To provide the best ultrasound image, the vein needs to be full of water with as few air bubbles as possible. After filling, place the Trainer on its end. This allows any trapped air to rise up to the top of the vein.

Unscrew the white cap.

2



Squeeze the centre part of the Slab. This compresses the vein and forces the air up and out of the tube.

When all of the air has been removed a small amount of fluid will be forced out of the end of the tube.

3



Keep the pressure on the Slab and replace the white cap. Get someone else to help if necessary.

If the vein does not fill the hole in the Slab properly there is not enough fluid in the vein. Repeat the **Filling** procedure and repeat the **Removing air** procedure. Do this until the vein is full.

The Trainer is now full of fluid and is ready to use.

# Ultrasound Vascular Access Trainer User Guide



# Ultrasound Vascular Access Trainer

Part No: **60530**

An echolucent and contoured slab incorporating a representation of the jugular vein for teaching needle insertion under ultrasound.

## Skills

- Use of ultrasound technology
- Handling ultrasound transducers
- Insertion of needles under ultrasound guidance
- Handling and management of guidelines and catheters under ultrasound
- Recognition of vessels using ultrasound

## Features

- New echolucent material provides realistic ultrasound image
- Fluid volume and pressure can be changed in the vessel to represent variability in patient circulation, providing various levels of difficulty for needle insertion
- Vein is:
  - self sealing for repeated use
  - rechargeable with water via a one-way valve
- Designed to be used on the bench top
- Is supplied on a robust non-slip base for safe usage

## Package supplied

- 1 **Ultrasound Vascular Access Slab** Part No: **60531**
- 1 base
- 1 10ml syringe

## Health and Safety

- Use gloves when handling and refilling the Slab
- The vein contains natural latex
- Observe normal hygiene procedures after handling the model without using gloves

## Filling and removing fluid

### Filling



Place the Trainer flat on the work surface.

Lift the pink cap on the one-way valve and attach the syringe.

Inject the amount of fluid required.

Replace the cap when you have finished filling the vein.

### Removing



Place the Trainer flat on the work surface.

Unscrew the white cap and attach the syringe.

Remove the amount of fluid required.

Reattach the cap when you have finished.

**If you empty the vein completely you will need 32ml of fluid to refill it.**

**Replacement fluid can be ordered in the following amounts:**

- **50ml** Part No: **70012**
- **250ml** Part No: **70022**