



Model DTP-1 Dialysis Vascular Access Training Phantom Kit



ATS Laboratories' professional training tissue-mimicking phantoms have been designed as a low cost practical hands-on easy to use device. The Model DTP-1 gives the practitioner the opportunity to learn and refine the skills required to master the technique of ultrasound guided vascular access of the dialysis fistula/graft.

The phantom contains a 6.0 mm simulated looped vessel at varying depths ranging from 3 - 12 mm. The vessel is encapsulated in a matrix of rubber-based soft tissue mimicking material and fitted with luer-lock connectors and caps. The vessel should be filled with fluid (water) using a standard non-steril disposable syringe provided.

The kit contains the phantom with luer-lock connectors a disposable syringe packaged in a plastic rectangular container.

Instructions for use

1. Remove the clear top from the plastic rectangular container.
2. Locate the syringe. Remove and discard the packing material.
3. Remove both luer-lock end caps from either end of the phantom-tube.
4. Fill the syringe with fluid such as water.
5. Attach the syringe to the phantom by placing the male luer-lock connector into the female luer-lock connector on the phantom tubing, turn the syringe gently clockwise to tighten. Avoid over tightening!
6. Push gently on the plunger of the syringe to fill the phantom tube.
7. Once fluid has fill the tubing, rest the syringe on the work surface (while still attached to the tubing) and replace the luer-lock end cap on the opposing end of the tube.
8. The phantom is now ready for use. It maybe helpful to place the phantom on a slightly curved surface to mimic the curvature of the patient's arm. Please now follow the instructions provided by the manufacturer of your instrumentation.
9. When the session has been completed, clean the phantom in accordance with the directions below and place it back into its plastic container. Wash your hands thoroughly.

Cleaning and Storage

Following each use, flush the tubing gently with clean tap water using the syringe provided. Gently clean the phantom with warm soapy water, rinse and pat dry using a lint free cloth. Avoid using products containing petroleum solvents as they may adversely react with the rubber-based material.

Disposing of the Model DTP-1

Place the phantom and syringe back into the plastic container. It can be safely discarded in the standard trash.

Warnings

- Keep out of reach of children.
- Avoid contact with the eyes. In case of contact flush with water and seek medical attention as needed.
- This product is not edible.
- To avoid any potential of skin irritation by using disposable gloves.
- **THIS PRODUCT IS NOT DESIGNED NOR INTENDED FOR MEDICAL USE IN TREATMENT OR DIAGNOSIS OF PATIENTS, OR AS A QUALITY ASSURANCE TEST DEVICE FOR DIAGNOSTIC ULTRASOUND IMAGING SYSTEMS.**