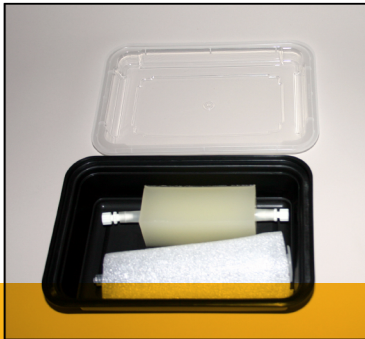




Model VES-1K Single Vessel Training Phantom Kit



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

The Model VES-1K is a disposable training phantom. The phantom contains a single simulated 8.0 mm vessel which is filled with fluid, such as water, by using a standard luer-lock syringe. The vessel is enclosed in a matrix of rubber-based tissue mimicking material with four (4) scan surfaces thereby, extending the useful life of the product. However, each needle puncture creates a track within the phantom, ultimately the number of tracks will interfere with the ability to obtain a clear image, at this point select one of the unused scan surfaces and continuing. Once all four surfaces have been used the phantom should be discarded.

The kit contains a single vessel phantom with luer-lock connectors and end caps inserted on each end of the tube and a 60 cc luer-lock disposable syringe packaged in a plastic rectangular container.

Instructions for use

1. Remove the clear top from the plastic rectangular container.
2. Remove the syringe from the container and discard the packaging material.
3. Remove both luer-lock end caps from either end of the phantom-tubing.
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. 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 water or alcohol 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 VES-1K

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.**