



# SUN NUCLEAR

A MIRION MEDICAL COMPANY

# Vascular Access Training Phantom

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- Provides a realistic training medium for vascular insertion applications
- Supports ultrasound-guided injection and venipuncture techniques
- Enables testing and demonstration of new devices



The Vascular Access Training Phantom is a realistic and durable medium for practicing and demonstrating needle insertion procedures. The phantom is constructed from an elastomeric material that closely replicates the tactile feel and puncture resistance of human soft tissue, supporting repeated use in training environments.

The material exhibits realistic acoustic properties, allowing clear visualization of the simulated vessels under ultrasound guidance. The vessels can be accessed from both the top and bottom surfaces of the phantom and can be easily refilled with fluid using a standard syringe for repeated sessions.

The phantom requires no special handling and will not dry out over time, minimizing maintenance and preparation. Startup accessories are included to support immediate use.

## Key Benefits

- Supports teaching, training, and clinical competency assessment in a non-stressful environment
- Supports ultrasound scanning techniques and vein recognition through palpation
- Enables testing and demonstration of new devices
- Z-Skin™ elastomer skin with simulated blood vessels mimics acoustic and physical soft tissue properties
- Includes varied vessel shapes, including bifurcation
- Blood vessels can be refilled

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Provides a realistic training medium for vascular insertion applications

## Specifications

<b>Dimensions</b>	10 x 17.5 x 3 cm (4" x 7" x 1.2")
<b>Weight</b>	0.7 kg (1.5 lbs)
<b>Phantom Includes</b>	Bottle of simulated blood (175mL) Surface conditioner powder Syringe Needle Carry case

“Dynamic and static [ultrasound] guidance during central venous catheter insertion was associated with improved in-hospital first cannulation rates and overall success rates of insertions by junior residents.”

Dodge, Kelly L., et al.

“Use of Ultrasound Guidance Improves Central Venous...” Journal of Ultrasound in Medicine

Note: If any device has been inserted into the phantom, the warranty does not cover claims related to material desiccation or needle tracking.