



HUMERAL HEAD INTRAOSSEOUS TRAINING SYSTEMS

In escalating situations when peripheral IV access is impossible, humeral head IO provides access for rapid fluid infusion. The ability to quickly locate and administer fluids during these events could be the difference between life and death. Cadaver and live tissue training of the HHIO procedure is costly and often impractical - SIMETRI's HHIO Training System allows you train your practitioners cost effectively and thoroughly!

The SIMETRI HHIO Training System provides an immersive experience with accurate anatomical landmarks and physiological responses to include arm articulation and rotation at the shoulder, elbow, and hand joints.

The system includes embedded processing, software, and sensor technologies to enhance the training experience. Features include:

- Durable, realistic materials feel and act like real human skin and bone
- Rapid release of fluids
- Quick set up
- Easy maintenance
- Simple refurbishment
- Available in a variety of skin tones

SIMETRI's state-of-the-art HHIO Training System incorporates simple end-user operation, maintenance, and logistic support while providing a highly realistic and anatomically accurate look and feel.

The HHIO Training System is augmented with a Unity-based, mobile game that provides additional HHIO procedural learning opportunities.



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SIMETRI's HHIO PTT is a table top device with articulating arms that is used to perform IO insertion of humeral head with rapid release of fluids.

It is made of durable, long lasting skin and is designed to be reusable with proper care. Our trainer comes equipped with electronics that allow the automation of fluid flow used in aspiration during the procedure.

SIMETRI's HHIO Training System is available in a variety of options, allowing you to maximize the value of existing assets as well as your new investment in HHIO training.

- Full torso with two articulating arms
- Half torso with one articulating arm
- Integration with Laerdal SimMan® 3G
- Variety of skin tones
- Available in a variety of skin tones

The trainer contains a Sternal IO for use with FAST1® and EZ-IO® T.A.L.O.N.™ devices. Our consumables replacement kits include:

- Humeral Head and Sternal Bones
- Fluid Cups
- Shoulder and Sternal Skin (silicone prosthetic appliance)
- X-Posture Mobile Instructional Game

Additional consumables are available.

SIMETRI's HHIO training technology has been applied to a retrofit kit that allows a learner to practice the HHIO procedure on SimMan® 3G manikins!



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