LifeLike BioTissue’s Microvessels

The LifeLike Microvessel includes a 3” microvessel that come in 4 mm, 3 mm, 2 mm and 1 mm in OD. For first time microsurgery training, most programs start teaching with a 4 mm vessel and migrate down in complexity to the 3 mm and 2 mm. Anastomosis evaluation can be done using a syringe and an IV Catheter.

Product Set Up, Handling and Storage

✔ To secure microvessels, you can:
  o Secure tissue with pins or needles in the Tissue Mounting Pad, and or
  o Use a vascular clip with visibility material (see first and third pictures below)

✔ To test the quality of the anastomosis, either:
  o Have a syringe and IV catheter to insert into the microvessels after the anastomosis, or
  o Insert taper tips into the microvessels to facilitate the flow of water from the syringe
  o Set up with constant flow by using an angiocath catheters velcroed to a plastic tray and attach the microvessel to the catheters. Hook up a pressurized IV bag containing simulated blood. The trainee can start and stop the blood flow to check for leaks in their anastomosis.

✔ Tap or spray the microvessels after 40 minutes of training to keep hydrated
✔ For re-use and storage, wash the tissue with tap water and place back in the water vial.