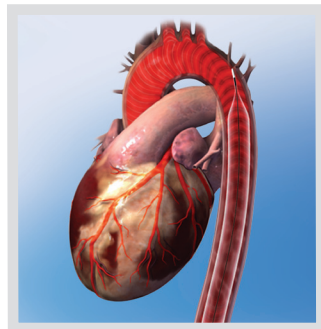


LINEAR 7.5Fr. / MEGA 8Fr. IAB INSERTION GUIDE
SHEATHED



LINEAR™ 7.5Fr.



MEGA™ 8Fr. 50cc

Insertion steps for SHEATHED insertion:

- 1** Make the customary preparations for percutaneous catheterization and administer local anesthesia.
- 2** Insert the angiographic needle into the common femoral artery at a 45 degree or less angle.
- 3** Insert the J-tip end of the 0.025" guide wire through the angiographic needle and advance into the thoracic aorta.
- 4** Keeping the guide wire in place, remove the needle and discard.
- 5** Wipe guide wire with a wet, lint free sponge.
- 6** Place the tapered end of the vessel dilator over the exposed guide wire and dilate the artery by pushing the vessel dilator into the arterial lumen.
- 7** Keeping the guide wire in place, remove and discard the vessel dilator.
- 8** Wipe guide wire with a wet, lint free sponge.
- 9** Insert the introducer dilator into the sheath hub and twist lock into place.
- 10** Place the tapered end of the introducer dilator over the exposed guide wire and advance the introducer with a rotary motion into the arterial lumen.
- 11** Remove the introducer dilator leaving the sheath and 0.025" guide wire in place.

Catheter Preparation:

- 12** Firmly attach the 30cc syringe with one-way valve to the male luer fitting of the extracorporeal tubing.
- 13** With the 30cc syringe, slowly aspirate a full 30cc. Remove the syringe while leaving the one-way valve securely in place on the tubing to ensure vacuum is maintained.
- 14** Carefully remove contents from the balloon tray.
- 15** Remove the stylet from the inner lumen. Flush the catheter inner lumen with 3-5 cc of flush solution.
- 16** Remove the blue T-handle from the catheter pulling straight out: DO NOT handle the IAB membrane, wipe the catheter prior to insertion, or twist the catheter during insertion.
- 17** Insert the catheter over the 0.025" guide wire to proper position (2 cm distal to the left subclavian artery). Advance in short, continuous, one inch (2.5 cm) strokes to avoid kinking the IAB catheter.

Initiating IAB Pumping (IABP):

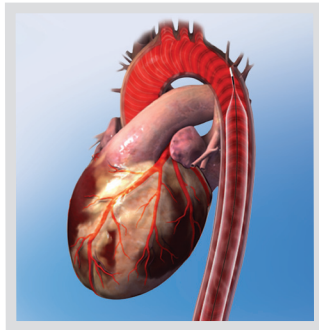
- 18** Remove the guide wire. Aspirate and discard 3 cc of blood from the inner lumen and immediately perform a manual flush with 3-5 cc of flush solution.
- 19** Using hospital protocol, connect a standard pressure flush apparatus to the hub of the inner lumen.
- 20** Remove the one-way valve from the male luer fitting of the catheter's extracorporeal tubing.
- 21** Connect the IAB catheter's male luer fitting to the female luer fitting of the catheter extender.
- 22** Connect the male luer fitting of the catheter extender tubing to the safety disk.
- 23** Follow the IAB pump operating instructions to initiate pumping.

LINEAR 7.5Fr. / MEGA 8Fr. IAB INSERTION GUIDE
SHEATHLESS

CARDIOVASCULAR



LINEAR™ 7.5Fr.



MEGA™ 8Fr. 50cc

Insertion steps for SHEATHLESS insertion:

- 1** Make the customary preparations for percutaneous catheterization and administer local anesthesia.
- 2** Insert the angiographic needle into the common femoral artery at a 45 degree or less angle.
- 3** Insert the J-tip end of the 0.025" guide wire through the angiographic needle and advance into the thoracic aorta.
- 4** Keeping the guide wire in place, remove needle and discard.
- 5** Wipe guide wire with a wet, lint free sponge.
- 6** Make a small incision at the exit of the guide wire to facilitate inserting the vessel dilator through the skin.
- 7** Place the tapered end of the vessel dilator over the exposed guide wire and dilate the artery by pushing the vessel dilator into the arterial lumen.
- 8** Keeping the guide wire in place, remove and discard the vessel dilator.
- 9** Wipe the guide wire with a wet, lint free sponge.

Catheter Preparation:

- 10** Firmly attach the 30cc syringe with one-way valve to the male luer fitting of the extracorporeal tubing.
- 11** With the 30cc syringe, slowly aspirate a full 30cc. Remove the syringe while leaving the one-way valve securely in place on the tubing to ensure vacuum is maintained.
- 12** Carefully remove the contents from the balloon tray.
- 13** Remove the stylet from the inner lumen. Flush the catheter's inner lumen with 3-5 cc of flush solution.
- 14** Remove the blue T-handle from the catheter pulling straight out: DO NOT handle the IAB membrane, wipe the catheter prior to insertion, or twist the catheter during insertion.
- 15** Insert the catheter over the 0.025" guide wire to proper position (2 cm distal to the left subclavian artery): Advance in short, continuous, one inch (2.5 cm) strokes to avoid kinking the IAB catheter.

Initiating IAB Pumping (IABP):

- 16** Remove the guide wire. Aspirate and discard 3 cc of blood from inner lumen and immediately perform a manual flush with 3-5 cc of flush solution.
- 17** Using hospital protocol, connect a standard pressure flush apparatus to the hub of the inner lumen.
- 18** Remove the one-way valve from the male luer fitting of the catheter's extracorporeal tubing.
- 19** Connect the IAB catheter's male luer fitting to the female luer fitting of the catheter extender.
- 20** Connect the male luer fitting of the catheter extender tubing to the safety disk.
- 21** Follow the IAB pump operating instructions to initiate pumping.