

# Deployment sequence

Zenith<sup>®</sup> Branch  
ILIAC ENDOVASCULAR GRAFT

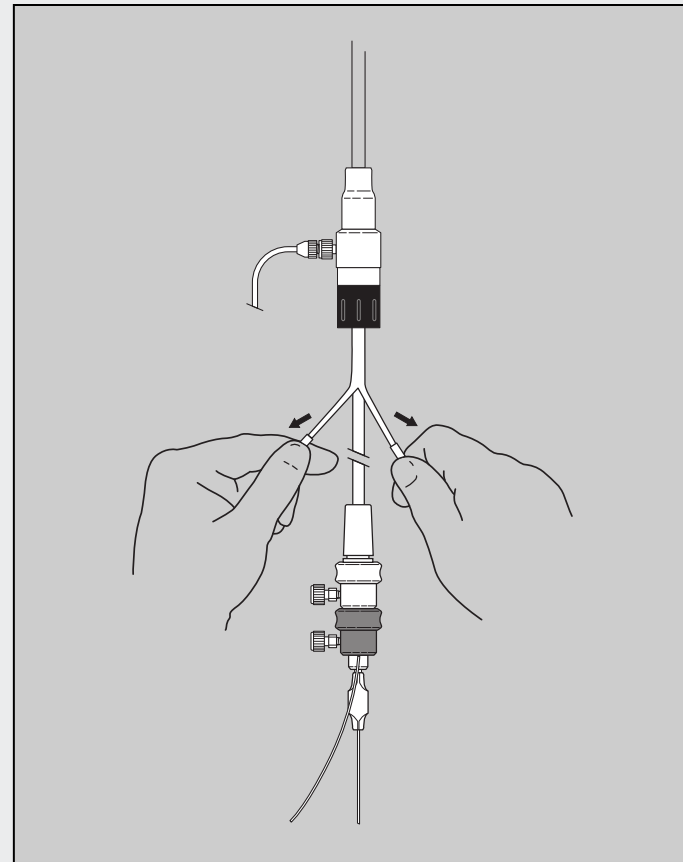


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# Prepare the iliac branch system.

Remove these items from the device:

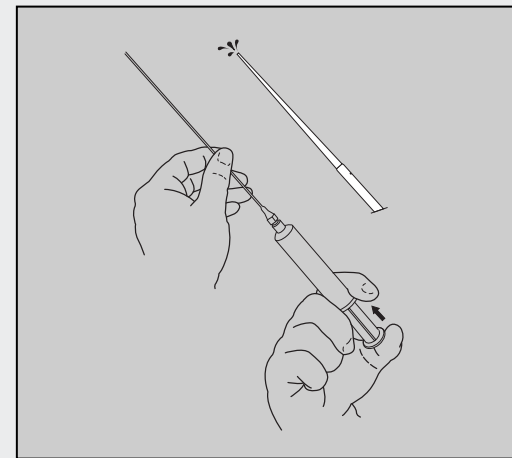
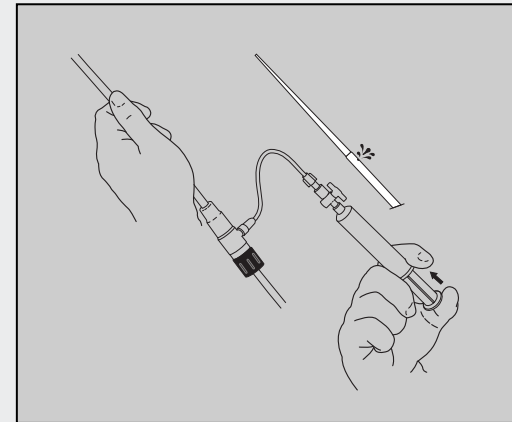
- 4 shipping protectors
  - Black-hubbed shipping stylet
  - Cannula protector tube
  - Dilator tip protector
  - Peel-Away<sup>®</sup> sheath



# Prepare the iliac branch.

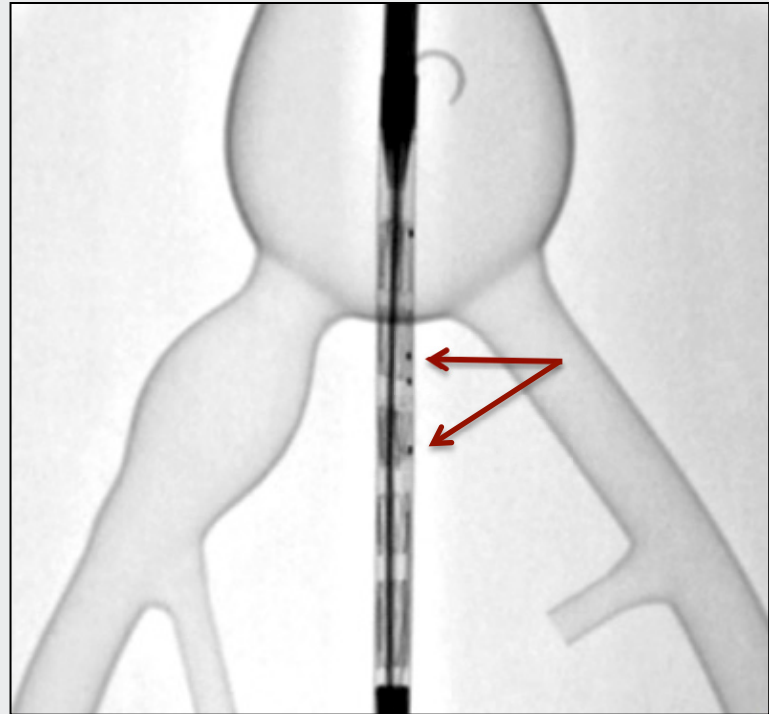
- Elevate the distal tip of the system.  
Flush the sheath through the stopcock and flush the wire lumen through the pink hub.

Note: Replace the wire guide with a 260 cm, .035 inch, stiff, hydrophilic, nitinol core wire guide.



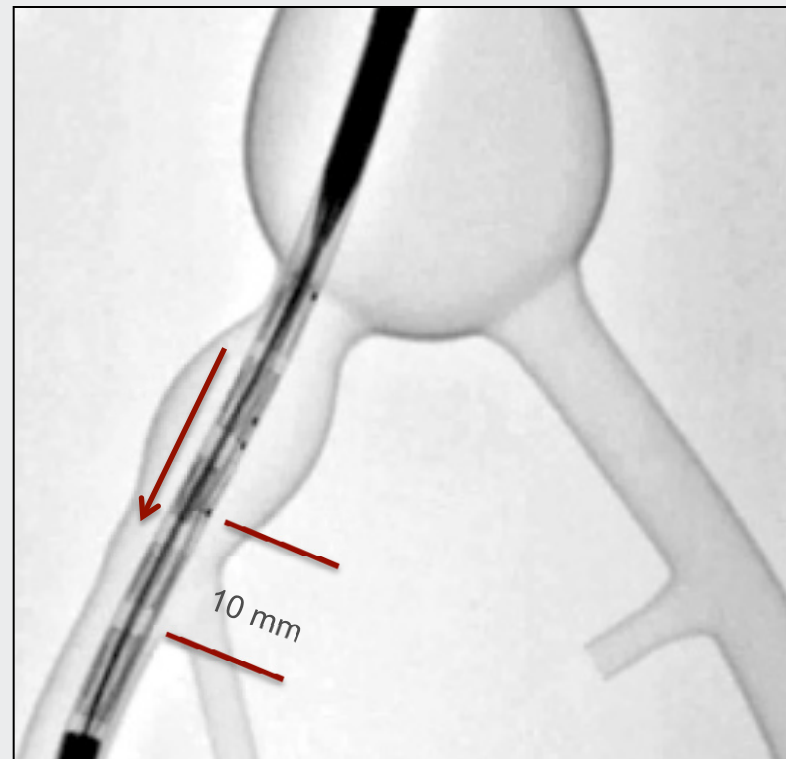
# Orientation

- Before insertion, check the orientation of the side-branch segment. Use fluoroscopy to ensure that the segment's position is appropriately aligned to the anatomy.



# Insert and position the device.

- Insert the device's introduction system over the wire guide and into the iliac artery until the tip of the sheath is just above the aortic bifurcation.
- The distal gold marker must be at least 10 mm above the origin of the internal iliac artery.



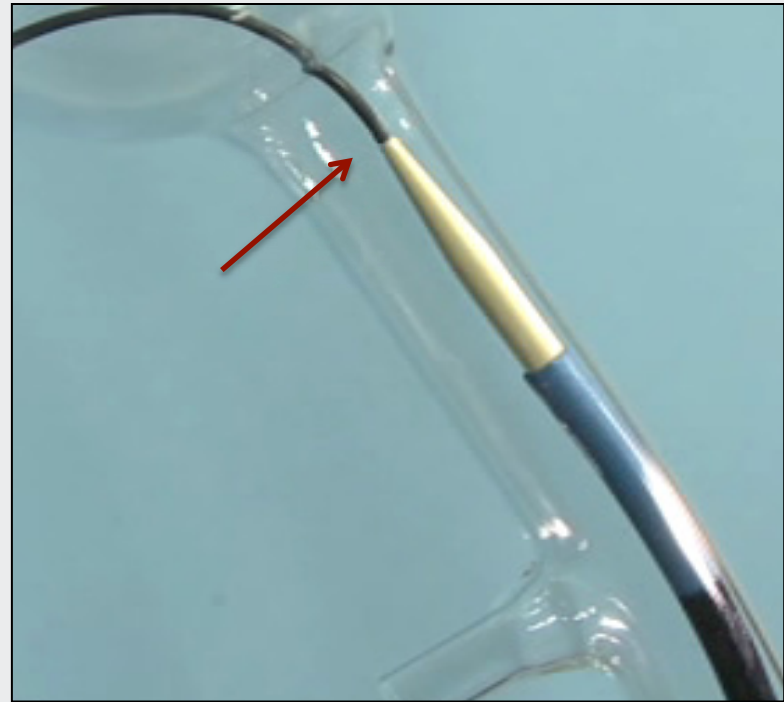
# Position the branch device.

- Position the device and withdraw the sheath until the 260 cm long nitinol through-and-through wire guide is exposed. Advance this wire guide into the snare.



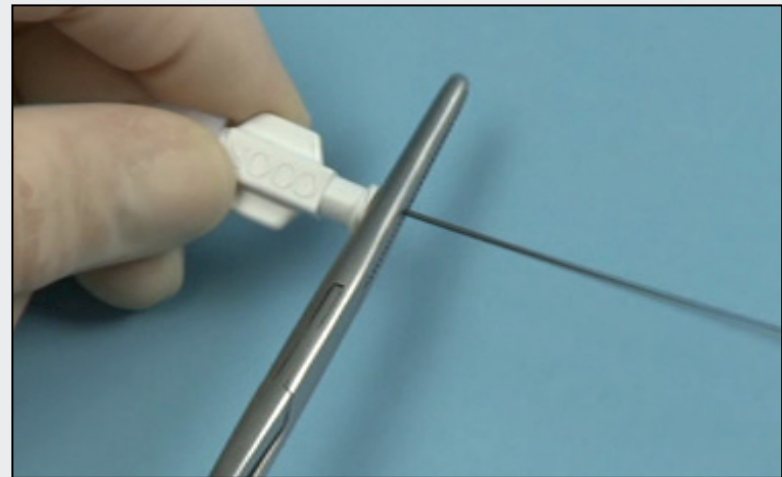
# Position the branch device.

- Pull the snared wire through, and place the 12 Fr Flexor<sup>®</sup> Introducer Sheath over the wire guide until the dilator tip meets the indwelling catheter tip.



# Position the branch device.

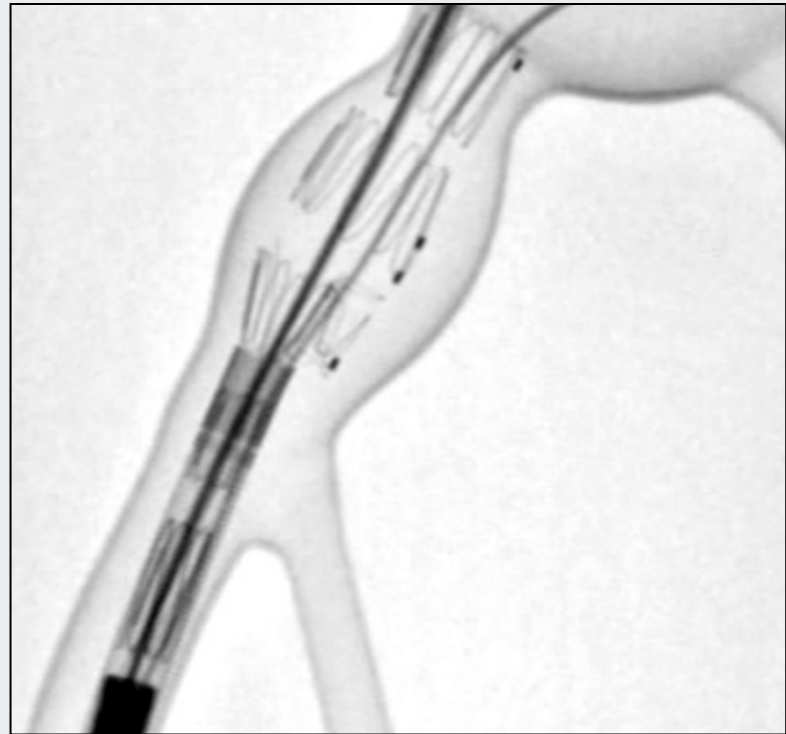
- Clamp the through-and-through wire guide at both ends to prevent wire guide displacement.





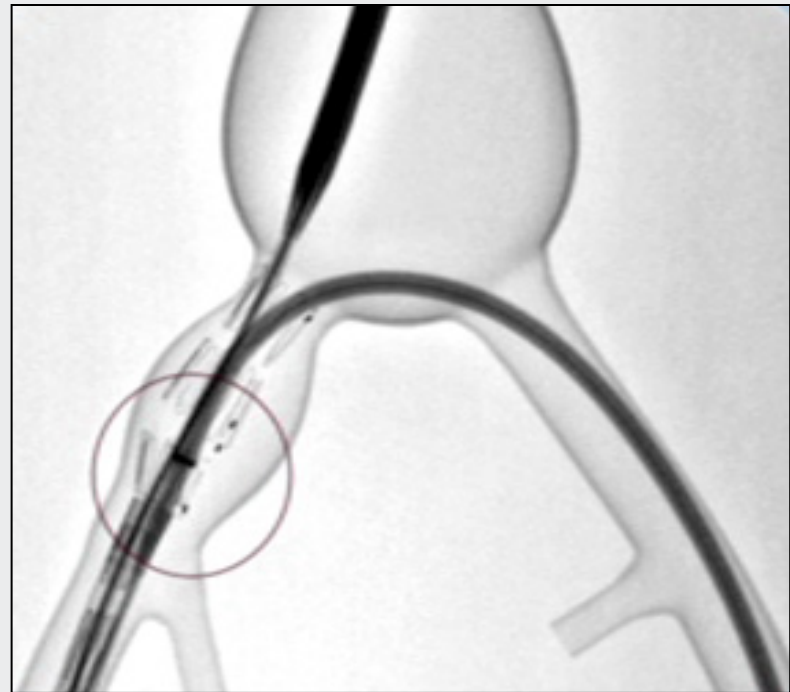
# Deploy the branch device.

- Deploy the branch device until the distal end of the side branch is exposed.



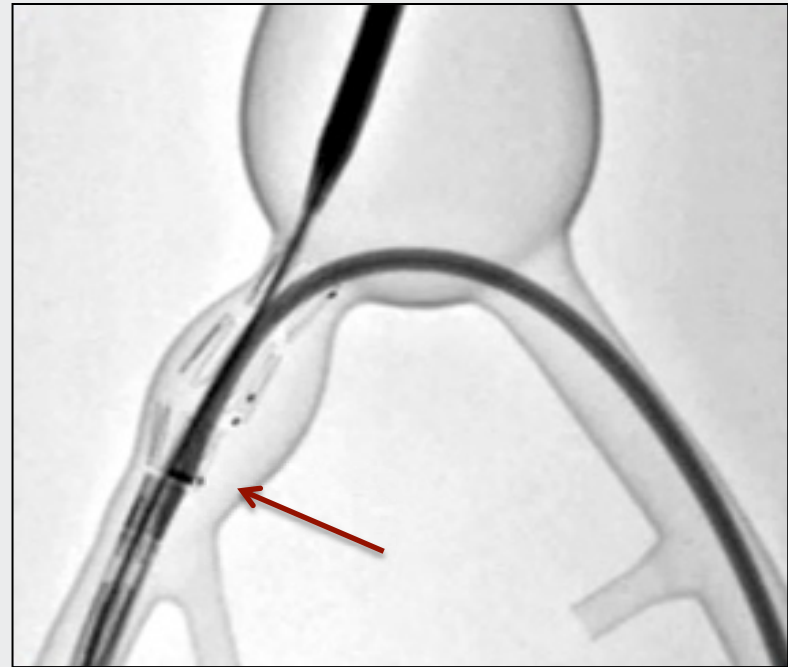
# Place the up-and-over sheath

- Advance the guiding sheath and the through-and-through wire guide together until the dilator tip stops.



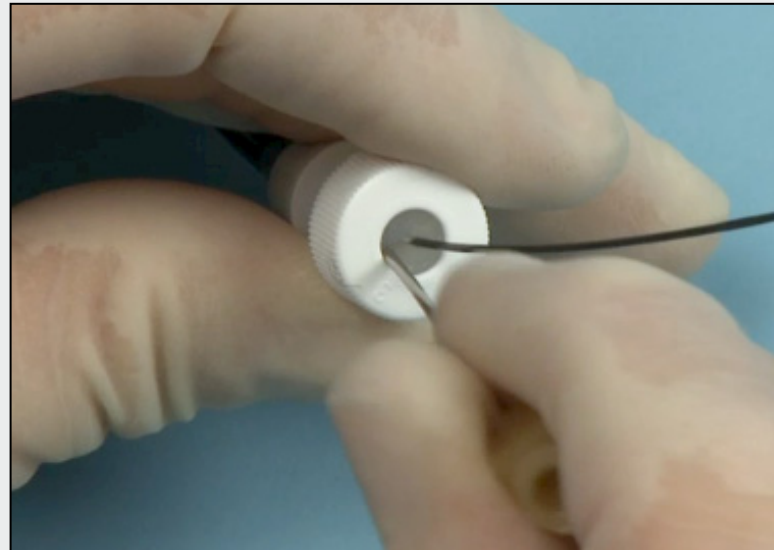
# Position the guiding sheath.

- Continue to advance the sheath over the secured wire guide and into the proximal opening of the device and out through the side branch.



# Puncture the hemostatic valve.

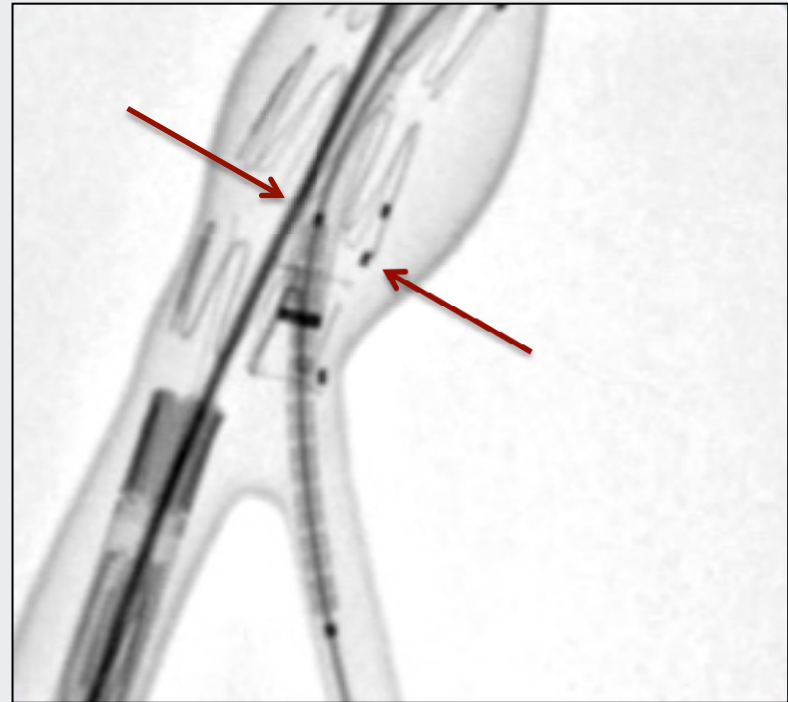
- Remove the inner dilator.
- Use an 18 gage needle to make an off-center puncture in the valve of the guiding sheath.
- Advance the access wire and the catheter through the sheath in order to access the internal iliac artery.



# Position the covered connecting stent.

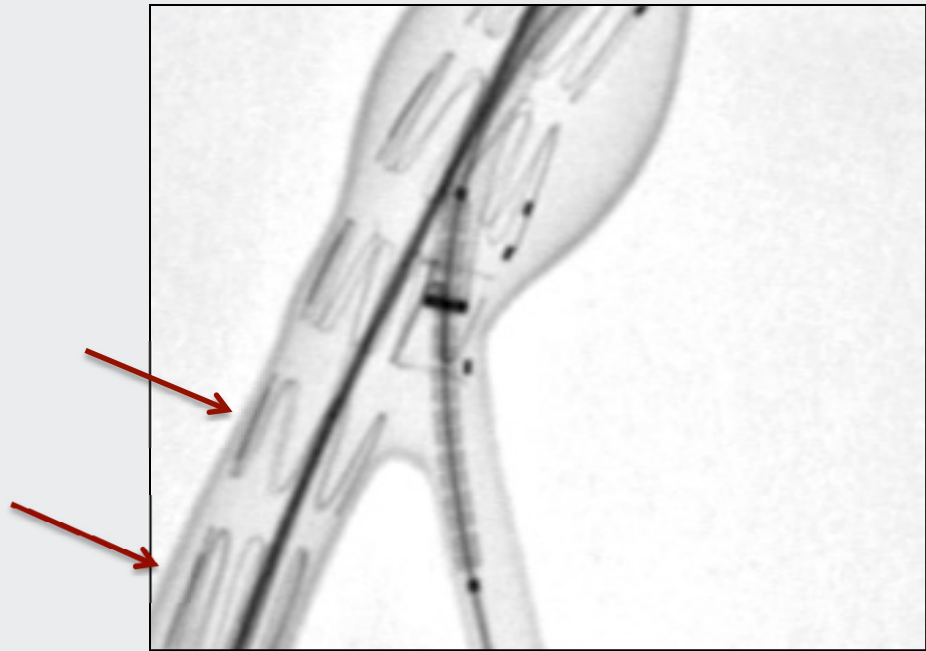
- Replace the hydrophilic wire guide with a 260 cm long exchange wire guide.
- Advance the covered connecting stent into position. Use the distal gold aiming marker to ensure optimal overlap between the covered connecting stent and the side-branch segment.
- Remove the indwelling catheter and through-and-through wire guide together.

**Note:** A 7 Fr or 8 Fr Ansel sheath can be used coaxially through the 12 Fr sheath in order to introduce the covered connecting stent.



# Deploy the distal iliac segment.

- Withdraw the device's sheath until the external iliac segment is deployed.



# Remove the proximal trigger wire.

- Remove the proximal trigger wire in order to secure the proximal stent.



# Deploy the covered connecting stent.

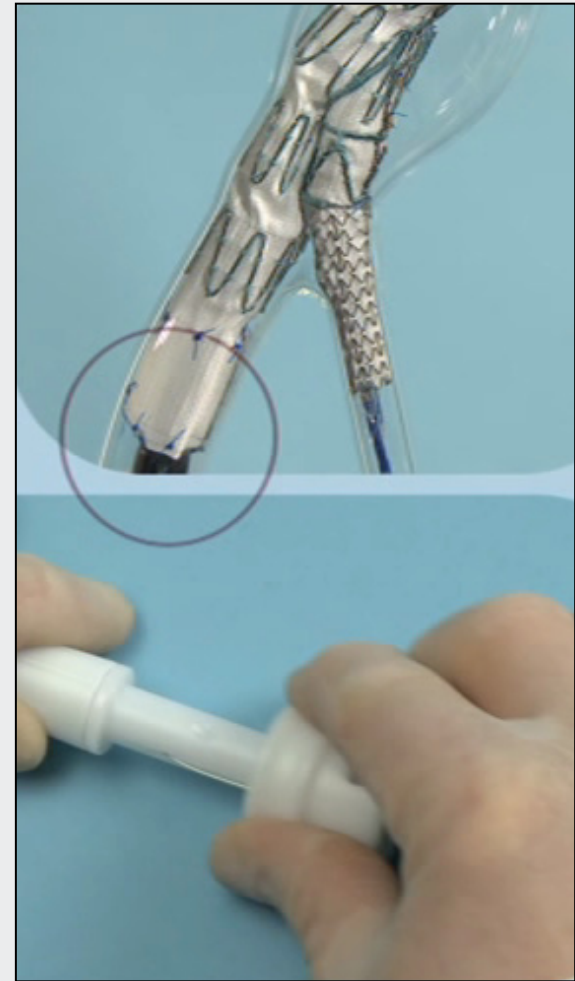
- Withdraw the guiding sheath until it is outside of the covered stent.
- Using an inflation device, deploy the covered stent.





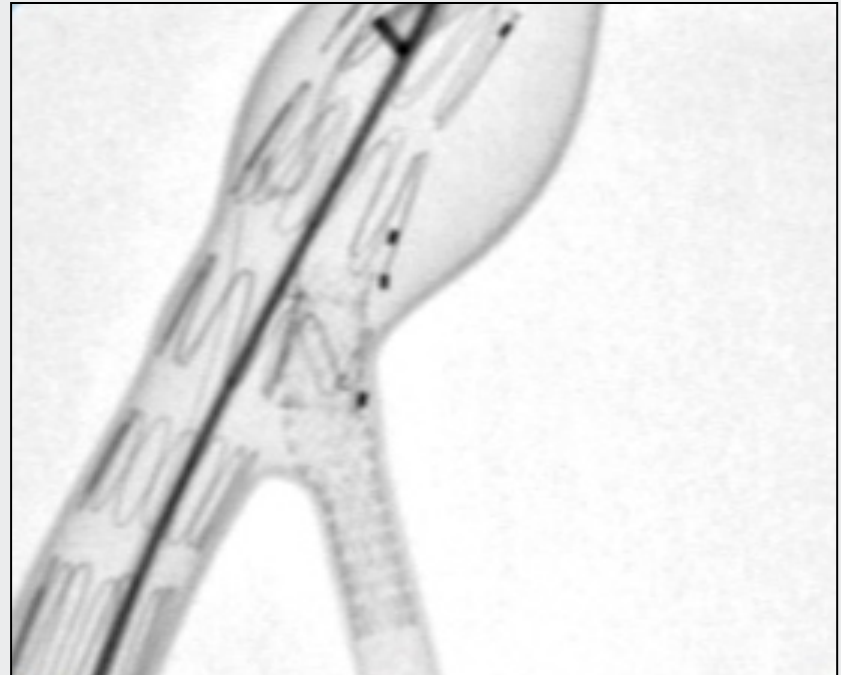
# Remove the distal trigger wire.

- Remove the distal trigger wire.



# Remove the introduction system.

- Withdraw the guiding sheath, balloon, and exchange wire guide.



# Remove the introduction system.

- Remove the dilator from the branch device's sheath, and prepare to place the Zenith AAA graft and leg.

