Percutaneous Transapical Approach For Placing Arch And Other Devices: How Is It Possible

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Disclosures
- Consultant – Medtronic; WL Gore

Upper Extremity/Neck Access
- Axillo-subclavian
- Carotid artery

22 Fr Dry Seal Sheath in Conduit

4 Sheaths - labeled

Central Access
Option #1
- Sternotomy with ascending conduit
- Mini anterior thoracotomy with ascending conduit

Option #2
- Transapical

What if?
- Iliac access is good
- Prior ascending reconstruction is tortuous (and redo surgery)
- "Body floss" technique does not work
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- What now?
- Palpate LV apex

- Utilize 2D TTE to confirm apical location

Challenging Case
Techniques for Percutaneous Closure

- 5 Fr and smaller, ok to use pressure, no need for device closure
- No FDA approved device for apical closure

Thank you