Simple Retrograde Parallel (Periscope) Grafts To Preserve Left Subclavian Artery Flow During TEVAR: How To Do It With Off-The-Shelf (OTS) Components: They Never Leak And Other Advantages

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Disclosures

• Consulting: Endologix, Cook

Type B Aortic Dissection

4.3 cm Abdominal Aortic Aneurysm

Step 1: Deploy 1st Graft Distal to Subclavian
Step 2: Advance wire thru graft from contralateral femoral

Step 3: Cannulate left subclavian

Step 4: Advance left subclavian and aortic stents from femorals

Step 5: Deploy 2nd aortic stent

Step 6: Deploy left subclavian stent

Completion angio
Retro-Sandwich Configuration

Advantages
- Avoids Brachial Access
- Long Overlap Zone to Minimize Gutter Leak
- Secure Seal at Leading Edge
- Preserves Access to Reno-Visceral Vessels

Does it ever leak?

“Eye-of-the-Tiger” Technique to Eliminate Gutter Leak

A. Deploy
B. Over-Dilate
C. Crush
D. Partially Re-Expand

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Preserves Access to Reno-Visceral Branches

Summary

- Avoids Brachial Access
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- Secure Seal at Leading Edge
- Preserves Access to Reno-Visceral Vessels