TECHNICAL TIPS TO SALVAGE FEVAR PROCEDURES WHEN THERE IS MISALIGNMENT OF FENESTRATIONS

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DISCLOSURE

• Consulting fees (All paid to Mayo)
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• Research grants (All paid to Mayo)
  Cook Medical Inc., WL Gore, GE Healthcare
• Off label technique
  Up and over IBD deployment

ENDOVASCULAR INVENTORY

Catheters, microcatheters and wires
Guides and shapeable guides
Balloons and snare

TIPS FOR MISALIGNMENT OF FENESTRATIONS

1. Catheterize fenestration and place 0.018" guidewire with "buddy" catheter
2. Rotate fenestration anterior or posterior to optimize alignment
3. Consider inflation of balloon to create space between stent-graft and aortic wall
4. If too much space, consider "snare-ride technique"

‘BUDDY CATHETER’
ROTATE FENESTRATIONS ANTERIORLY...

IF NO SPACE, CREATE SPACE...

IF TOO MUCH SPACE, ‘SNARE RIDE’...
TIPS FOR MISALIGNMENT

1. Patient selection
2. Select proper landing zone
3. Anticipate challenging anatomy and design your stent wisely to overcome these challenges (catheters, tapers, brachial vs femoral access, etc)
4. Minimize contrast and radiation from start of the case
5. Master your advanced endo skills
6. Better to end with patient alive and fight battle another day, than to have excessive long procedure leading to numerous other complications