Management of Endoleaks

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Type I Endoleaks

- Extensions
- Increased radial force (Palmaz Stent)
- Endostapling (Aptus)
- Coiling of the Tract
- Coverage of renals with chimneys
- Open conversion.
Proximal Type I Treated with Aptus
Proximal Type I Treated with Cuff
Proximal Type I Graft Migration
Chimney
McCaullum et al

Distal extension
Type 3

Limb Separation
Type 3 From Fabric Erosion
Type 2

- Coil Embolizazation
- Cyanoacrylate Glue
- Thrombin
- Onxy
- Laproscopic or Open Ligation
Approach

- Trans Arterial (SMA to IMA)
- Sac Puncture
  - Trans Lumbar
  - Trans Abdominal
- Trans Caval
Trans Lumbar
Onyx Trans Abdominal
Trans Caval
Conclusion

• Imaging and planning are key.
• Keep it simple.
• Always more than one branch.