Ovation Endograft From TriVascular
For EVAR: Advantages And Tips And Tricks For Use

David Minion, MD
University of Kentucky Medical Center
Lexington, KY

Disclosures
• Consulting: TriVascular

Unique Sealing Mechanism

Short, Heavily Calcified Neck

Ovation

Juxtarenal AAA
“Bumper” Effect

Raising the Ring?

Renal Balloon Thru Mid Crown

Advance Graft (Endowedge)

Deploy Top Crown

Seal With Polymer
Ovation iX™ Integrated cross-over lumen

- Insert 0.018 wire into handle port
- 0.018 wire exits contralateral leg
- Ovation iX™ Integrated cross-over lumen

CROSS-SECTION VIEW

- CROSS-SECTION VIEW
- Ovation iX™ Integrated cross-over lumen
- Ovation iX™ Integrated cross-over lumen

The Collar

- Technical Tips

Stent?

3D Reconstruction
Ovation iX™ Integrated cross-over lumen
Exit Below the Fabric Line

Proximal “Exit” of Mid Crown

Endowedge

Technical Complication

Incorrect
Correct
Sheaths for Endowedge

Summary

• “Raising the Ring” can increase the applicability of the TriVascular Ovation Endograft.
• Key Technical Aspects include:
  – Cross-over wire to gain early access to the contralateral gate.
  – Exit of Mid Crown at the Top of Fabric for Cannulation of Renal Arteries
  – Endowedge Maneuver