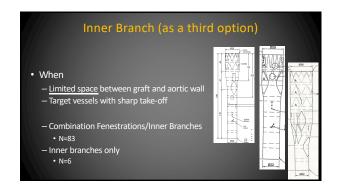
Update on F/BEVAR for TAAAs degenerative and PDTAAAs: The Value of Inner Branched Devices and the Be-Back Catheter to Cross the Dissection Flap and for other Purposes

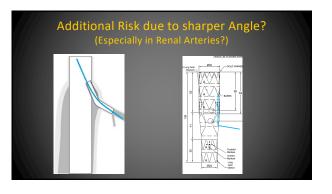
E.L.G. Verhoeven, M.D. Ph.D. and A. Katsargyris, MD
Department of Vascular and Endovascular Surgery, Paracelsus Medical University, Nuremberg, Germany

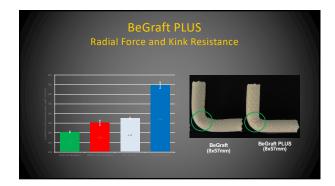


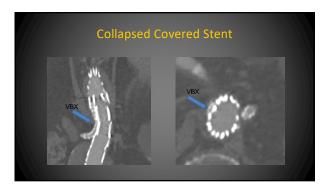
• Basic Rule: - Find/Create long and durable proximal landing zone • Anatomical Difficulties - Quality of target vessels - Angulations • Current advantages: - Upper and Femoral approach for Branches - Multitude of BE and SE Stents for bridging - Inner Branches (and multiple graft manufacturers)











Journal Pre-proof

Midtern single center results with the use of custom-made endografts with inner branches, a call for attention.

Jose I. Tornsaha, MD, Giuseppe Paruccio, MD, PhD, Petroula Nana, PhD, Antonino Glordano, MD, Deour Youserl Al Sarhan, MD, Tho Yolbel, MD, PhD

Key Findings: Custom-made inner branch devices were used in 69 patients with a high bridging stent occlusion rate, especially in renal arteries (17% at 12 months). Misalignment of the inner branch opening, and preoperative acute aortic angles were identified as related factors leading to occlusions.

PDTAAA

Specific Anatomical Features with regard to F/BEVAR (More forgiving than we thought!)

• Access
• Small True Lumen
• Target Vessels originating from False lumen
• Soft and Wide Target Vessels
• Distal Landing Zone in dissected Artery

PDTAAA
Specific Anatomical Features with regard to F/BEVAR (More forgiving than we thought!)

• Access
• Small True Lumen
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• Distal Landing Zone in dissected Artery

• (Steerable) sheaths

- Back of a wire

- TIPPS needle

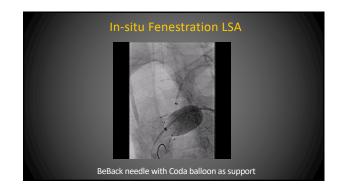
• BeBack Re-entry Catheter



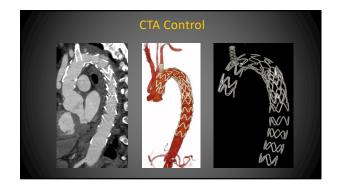


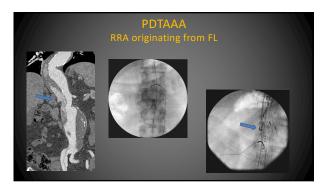


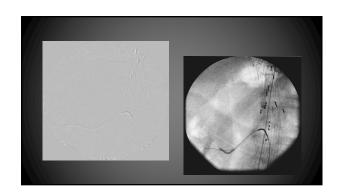


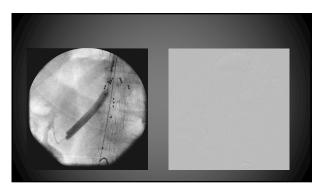












F/B grafts for TAAA and PDTAAA Customize graft to the anatomy/Off-the-shelf where possible/needed Do not be dogmatic Inner branches valuable third option In selected Vessels only! Be-Back steerable needle Very useful to perforate dissection flap & for acute ISF