ABF For AIOD Has Gone From A Favored Procedure To A Rarity Because Of Endovascular Techniques Including IVF (Shockwave): Options And Indications

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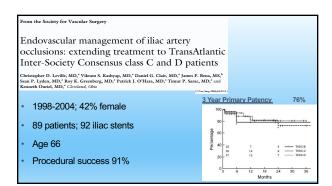


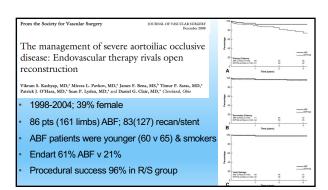
- **Disclosures**
- Getinge Speaking
- Cook Speaking
- Medtronic Aortic Consulting
- Penumbra Research

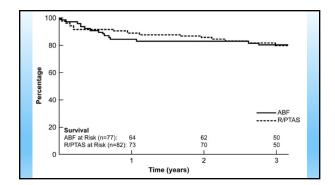


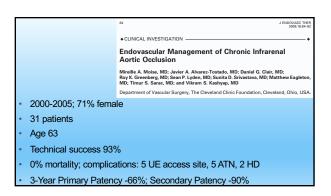
| AortoBiFemoral Bypass | | | | | | | | | |
|-----------------------|--------------|-------------|-----------------|----------|-----|-----|--|--|--|
| | | Patency (%) | | | | | | | |
| | | Ν | Mort. | 5y | 10y | 15y | | | |
| de Vries | 1997 | 1429 | 4.4 | 86 | 79 | 63 | | | |
| McDaniel Ballard | 1997 1998 | 2689 54 | 4 1.9 | 82 93 | 78 | 69 | | | |
| Ohara | 2000 | 380 | 0 | 89 | 94 | | | | |
| Faries Mingoli | 2001 2001 | 370 130 | 0 4.6 | 93 81 | | | | | |
| Reed | 2003 | 281 | 1 | 85 | | | | | |
| Hertzer | 2007 | 224 | 1.2 | 88 | 81 | 71 | | | |
| | | | | | | | | | |

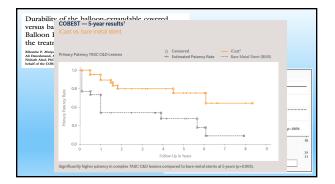
| Endovascular Approach for TASC D Lesions | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|
| | Treatment of A Endograft | ortoiliac Occlusive Disease with the Endologix AFX Unibody | | | | | | | |
| A systematic review of endovascular treesers 7, Similar V, Materia (, C., Snotoci , Z.M. MPJ, Refiner , A.). Dwired ", H.E. Garret, Jr. , | | | | | | | | | |
| extensive aortoiliac occlusive dise Viacent Jongkind, MD, ^{**} George J. M. Akkersdijk, MD, [*] Kak K. Y Wilten Wiselink, MD, [*] Lightfory and Amateriaan, The Neterland | ase | Hypogastric artery luminal diameter predicts common-external iliac stent patency and major adverse limb events in patients with aortoiliac occlusive disease | | | | | | | |
| Aortoiliac Stenting with Bifurcation Reconstruction for TASC II D Aortoiliac Occlusive Disease Johne II: Bail Vinder R. Bail: StdArth Dak. Jonal Rose, Pathers F. Post- Lerkberg, French J. Gepsel, Son F. Jakel, et al. Charges J. Indexis P. Stodard, Charles Linkens, New Present and Linke New Corelson | Durability of the balloon-c versus bare-metal stents in Balloon Expandable Stent the treatment of avortolliac Brooks 7, Metager, Midd (Jog), PS, 166, 199 Nobal Act, DN, PEC, Mach Gerwenk, BW Nobal Act, DN, PEC, Mach Gerwenk, BW | the Covered versus Trial COBBET See oct A comparison of covered vs bare expandable stents for the treatment of aortoiliac occlusive disease | | | | | | | |
| Outcomes of Hypogastric Coverage and the State | | | | | | | | | |
| Endovascular Treatment for Extensive Aortoiliac Arter Reconstruction: A Single-Center Experience Based on 1712 Interventions | isease | Endovascular management of iliac artery occlusions: extending treatment to TransAtlanti | | | | | | | |
| Babardine fürst 60 ⁻⁵ , Hone Knethandrog, MDT, Charletter Millione, MDT, Mathiais Kaspen, MDT, Thata Tolkov, MDV, Alsonike Alterna, MDT, Yanas Resteriout, MDT, Robard Masharsina, MDT, Franz-Josef Manarasa, MDT and Thamasa Zater, MDT ¹ Dispatrument of Angolisop, Hanet Costers Bat Kontogen, Germany, ¹ Dispatrumentari University Contexp, Hambarg, Germany, ¹ Dispatrumentari, Josef Tablang, Germany, ¹ Dispatrumentari, ¹ Dispatrumen | Driscoll, Levester Kirksey, J. o, and Christopher J. Smolo | | | | | | | | |











| ur | 1 | Vasc | Endovasc | Surg | (2016) | ■, | 1-11 |
|----|---|------|----------|------|--------|----|------|

Treatment of Aortoiliac Occlusive Disease with the Endologix AFX Unibody Endograft

 Maldonado **, G.G. Westin *, O. Jazaeri ^b, M. Mewissen ^c, M.M.P.J. Reijnen ^d, A.J. Dwivedi ^a, H.E. Garrett, Jr. ^r, A. Dias Perera ^a, T. Shimshak ^b, V. Mantese ¹, C.J. Smolock ¹, Z.M. Arthurs ^k

Multi-institution, 90 patie

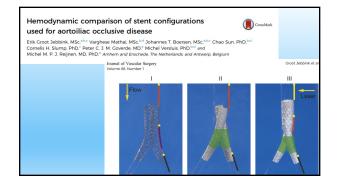
Some concomitant AAA

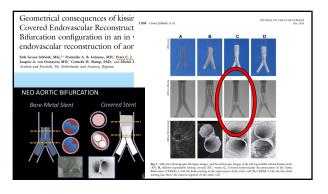
41% percutaneous access; 39% fem endarterectom

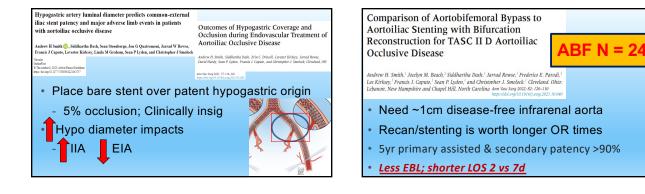
4% procedural ruptu

1% mortality

100% Secondary patency at 3 years.





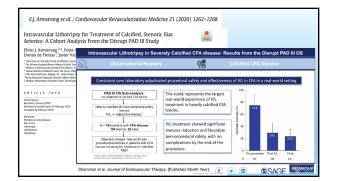




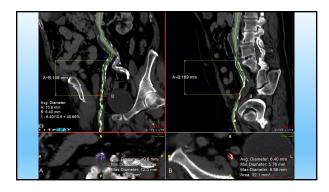
- 5-year primary, -assisted, & secondary patency 78%; 88%; 95.0%
- Previous interventions predict loss of patency
- 100% freedom from amputation; 18% 5-yr mortality

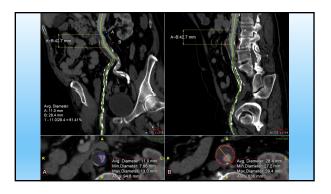
Adjunctive Improvements

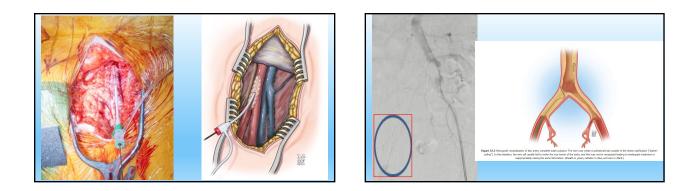
- · A role for iliac Intravascular Lithotripsy
- Iliacs
- Femorals?
- *Development of dedicated devices for bifurcation

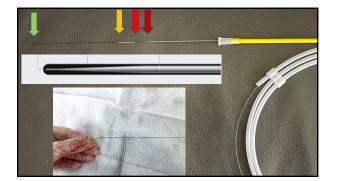


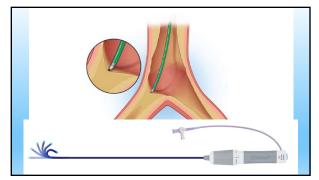


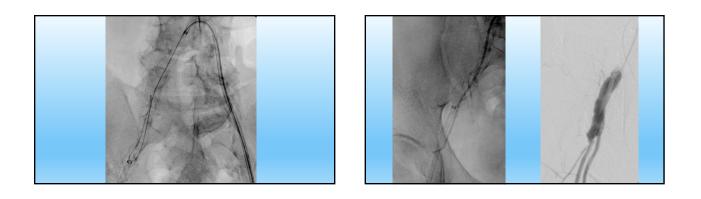


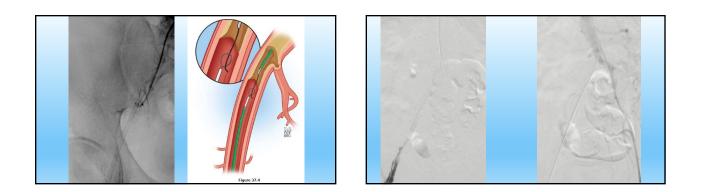


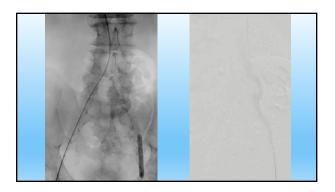


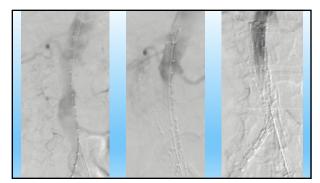




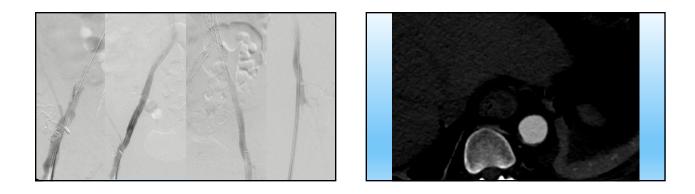














Conclusion

- AortoBiFemoral bypass for flush renal occlusions
- Aortoiliac Recanalization/Stenting rivals ABF
 - Same secondary patency
 - Same long term mortality
 - Same MALE
 - Better patient satisfaction; short LOS
 - No Dacron graft left in groins

