Preloaded Catheters and Guidewires to Facilitate Branch Access During F/B/EVAR

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Disclosure

• COOK Inc - Consulting, IP
• GORE – Consulting
• Aortica – Advisory Board
• Medtronic – Advisory Board
Why/When do we need preloaded grafts for complex Aortic repair?

• Access issues

• Fenestrations ”pre-catheterized”
  – Reduce X Ray exposure
  – Reduce OR time
  – Help catheterization in difficult anatomy

• Minimize LL ischemia time
Preloaded Fenestrated Stent-Grafts for the Treatment of Juxtarenal Aortic Aneurysms

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Bi-Port Delivery System

- Unilateral access
- Indwelling Renal Sheaths
- Preloaded wire through renal fenestrations
Technical Assessment of the Preloaded Fenestrated Stent-Graft in the Management of Pararenal Aortic Aneurysms

Theodosios Bisdas, MD; Konstantinos P. Donas, MD, PhD; Giovanni Torsello, MD, PhD; and Martin Austermann, MD

Department of Vascular Surgery, St. Franziskus Hospital, University of Münster, Germany.

Results from multiple prospective single-center clinical trials of the off-the-shelf p-Branch fenestrated stent graft

Mark A. Farber, MD,a Matthew J. Eagleton, MD,b Tara M. Mastracci, MD,c James F. McKinsey, MD,d Raghuveer Vallabhaneni, MD,a Björn Sonesson, MD,e Nuno Dias, MD,e and Timothy Resch, MD, PhD,e

Chapel Hill, NC; Cleveland, Ohio; London, United Kingdom; New York, NY; and Malmö, Sweden
Early experience with a modified preloaded system for fenestrated endovascular aortic repair

Blandine Maurel, MD, PhD, a Tim Resch, MD, PhD, b Rafaele Spear, MD, PhD, c Blayne Roeder, PhD, d Umberto M. Bracale, MD, b Stephan Haulon, MD, PhD, c and Tara M. Mastracci, MD, MSc, FRCSC, FACS, FRCS, a

London, United Kingdom; Malmo, Sweden; Lille, France; and West Lafayette, Ind
The sequential catheterization amid progressive endograft deployment technique for fenestrated endovascular aortic aneurysm repair

Carlos H. Timaran, MD, Gregory A. Stanley, MD, M. Shadman Baig, MD, David E. Timaran, MD, J. Gregory Modrall, MD, and Martyn Knowles, MD. Dallas, Tex
Summary

• Preloaded wires reduce operative time and Xray exposure

• Useful particularly in
  – Complex tortu os aorta
  – Redo EVAR
  – Compromised iliac access
  – Narrow aorta - dissections