SYMPOSIUM

COOK Thoracic Solution

Expand your Treatment Options

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Disclosures

• William Cook Europe/Cook Inc.
  – Consultant & Research grants
  – 22 years of fruitful cooperation
    • Development of F/B grafts
Aortic Disease is Progressive

• “The progression of aortic aneurysms is a reflection of the degenerative process of the aorta as a result of biological aging, constant pressure and fatiguing pulsating forces—at times we even feel the hammering to which our arteries are subjected.”

How to Manage Endovascular Aneurysm Repair?

1. Durability: Resistance to Migration/Endoleak
2. Personalized solutions: Portfolio
3. Precise and controlled delivery
4. Seal in Healthy Tissue
Cook Product Portfolio

A complete portfolio designed to address the progressive nature of aortic disease from the arch to the iliac arteries
Cook Product Portfolio for Thoracic Disease

- Zenith Alpha Thoracic
- T-Branch
- Dissection
  - Graft
  - Stent
- F/B CMD Products
Zenith Alpha™ Thoracic Device Overview

• **Two-piece modular system with Nitinol Stents**
  – Accommodates varying patient anatomies

• **Enhanced product offering:**
  – Proximal & Distal components now available in 18-46 mm diameter

• **Low profile Introduction System**
  – Small access vessels
  – Percutaneous access
Notable Features:
Highly Flexible Inner Nitinol Cannula

Designed to improve deliverability and ensure proximal conformance

• Pre-curved introduction system—cannula has “candy cane” shape that hugs the inner curve to help eliminate “bird-beaking” of the device
• Bare proximal stent optimizes apposition
• Utilizes Pro-Form™ on 40–46 mm diameters (not required on smaller sizes)
Notable Features: Simplified Deployment

• New Captor Sleeve
  – Reduces friction and pull-back forces

• New Rotational Handle
  – Controlled, simple & precise deployment
Patient # TAB224

• 82 YO Female

• Acute TAAA
  – Extent I, Dmax: 77mm
  – Pain, Hb: 12 → 8.0g/dL
Anatomical Difficulties

Angulated Descending Aorta

‘Hostile’ Aortic Arch
ZTA-PT-42-38-225

Final angio
COOK T-Branch Device for Elective and Ruptured TAAA
Zenith t-Branch

• The only off-the-shelf endovascular stent graft indicated to treat thoracoabdominal aneurysms

• Suitable for a wide range of TAAA anatomy

• Modular system
Official Cook T-Branch

• One size – TBRANCH-34-18-202
  – 34 mm proximal diameter
  – 18 mm distal diameter
  – 202 mm length
• 3 proximal sealing stents
• 4 branches at 1:00, 12:00, 3:00 and 10:00
• Tick, anterior and branch markers
• 22 Fr, 60 cm Flexor® introducer
Department of General, Vascular and Transplant Surgery, Medical University of Warsaw, Poland

429 complex aortic aneurysms

211 patients evaluated

Courtesy of Prof Jacimowicz - Warsaw
Cook Symposium on Thoracic Pathology

- 2 presentations on Zenith Alpha Thoracic
  - Nikos Tsilimparis
  - Germano Melissano
- Live Case from Münster
  - Martin Haustermann
- Presentation on T-Branch
  - Nilo Mosquera