

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.”

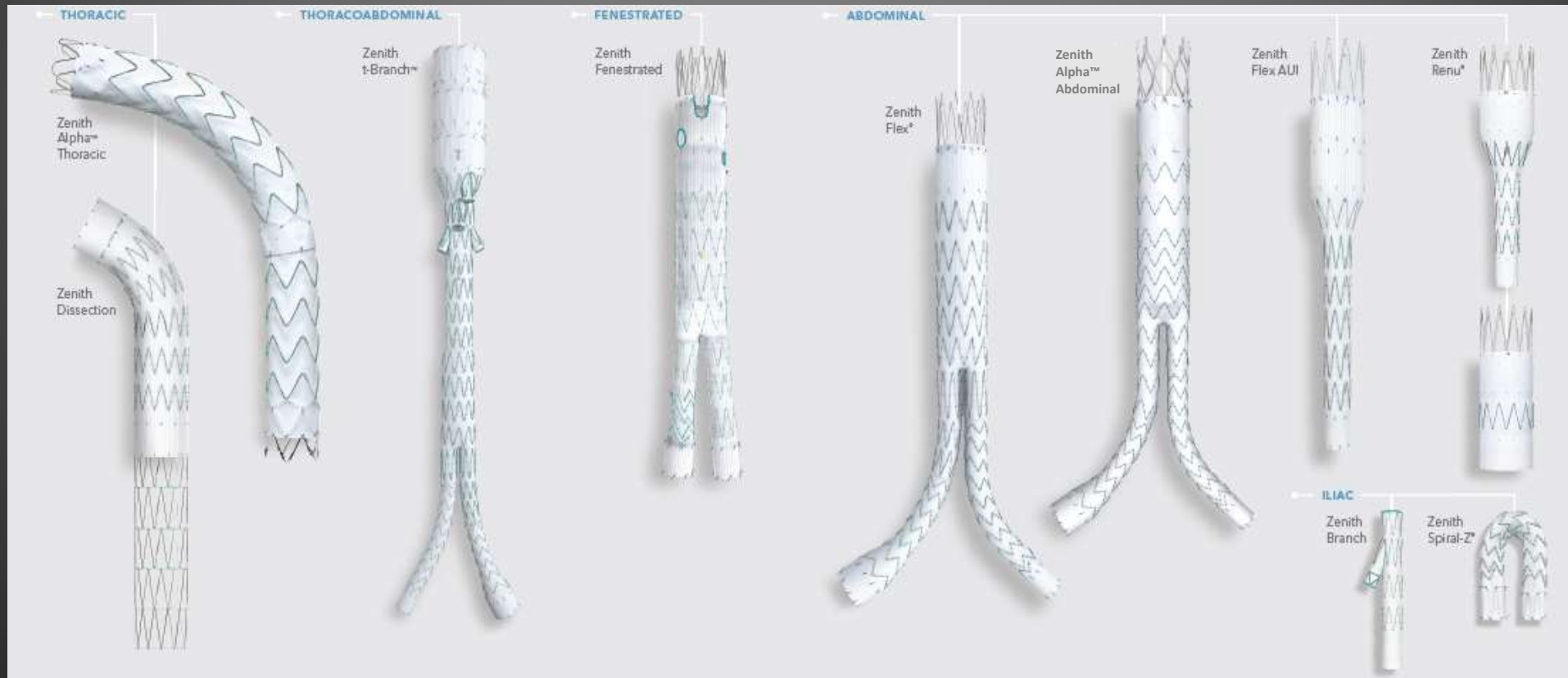
Lawrence-Brown M, Progressive aortic aneurysm disease.

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

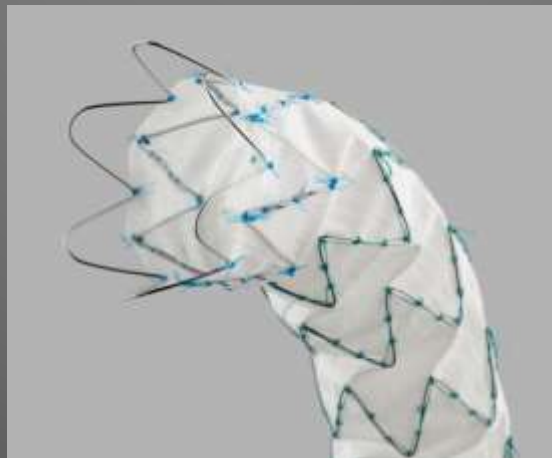
- **Two-piece modular system** with Nitinol Stents
 - Accommodates varying patient anatomies
- **Enhanced product offering:**
 - **Proximal & Distal components** now available in 18-46 mm diameter
- **Low profile Introduction System**
 - Small access vessels
 - Percutaneous access



Notable Features: Highly Flexible Inner Nitinol Cannula

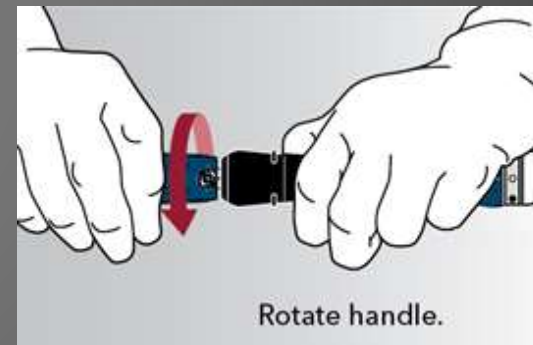
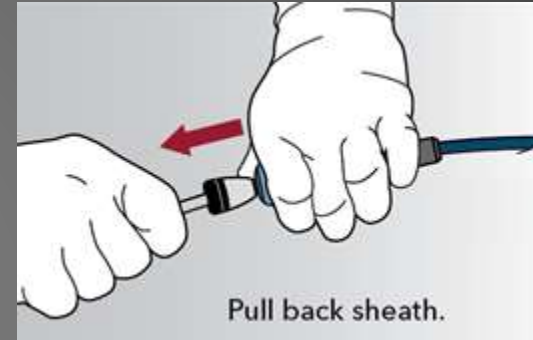
Designed to improve deliverability and ensure proximal conformance

- 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)



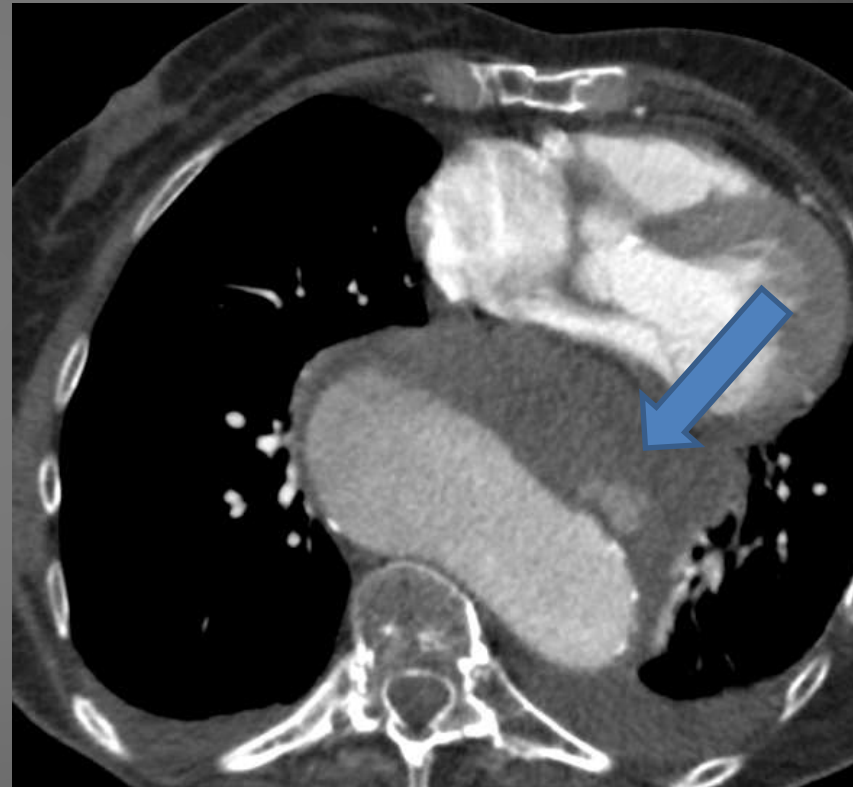
Notable Features: Simplified Deployment

- New Captor Sleeve
 - Reduces friction and pull-back forces
- New Rotational Handle
 - Controlled, simple & precise deployment



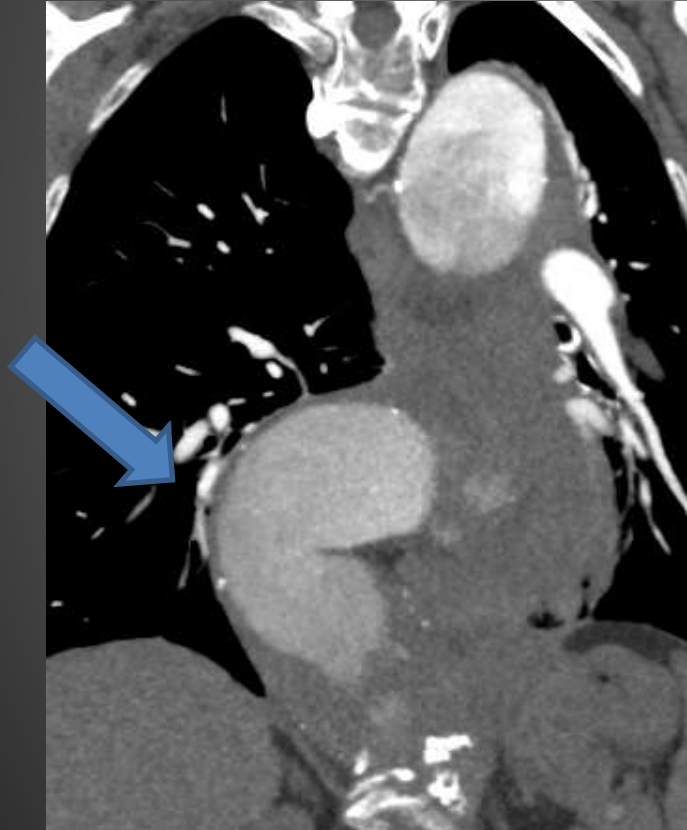
Patient # TAB224

- 82 YO Female
- Acute TAAA
 - Extent I, Dmax: 77mm
 - Pain, Hb: 12 → 8.0g/dL



Anatomical Difficulties

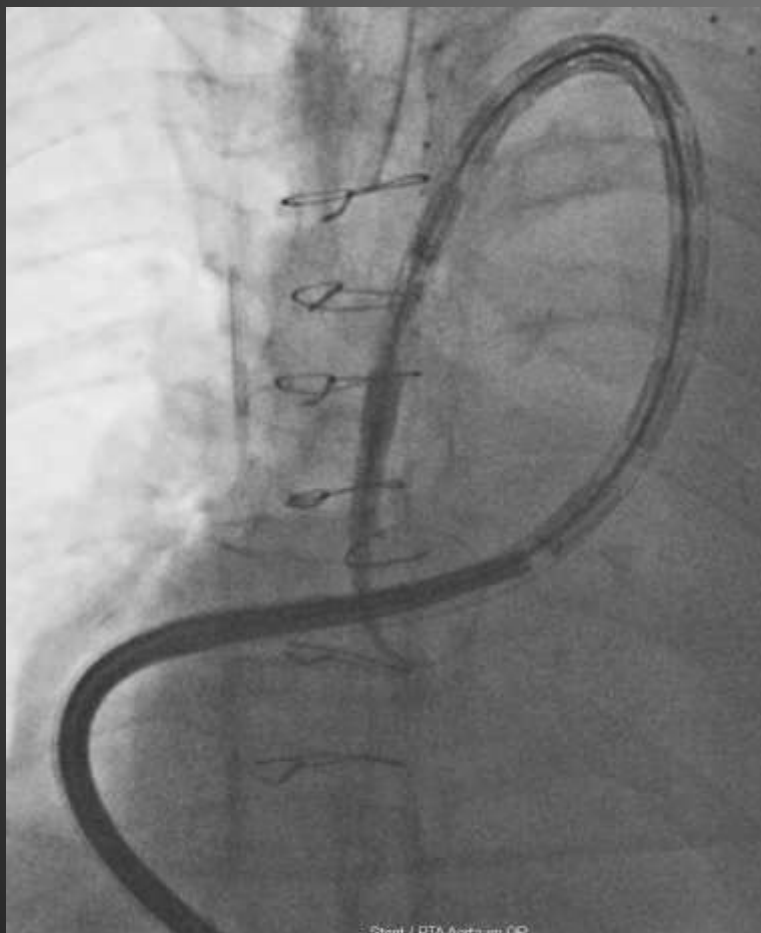
Angulated Descending Aorta



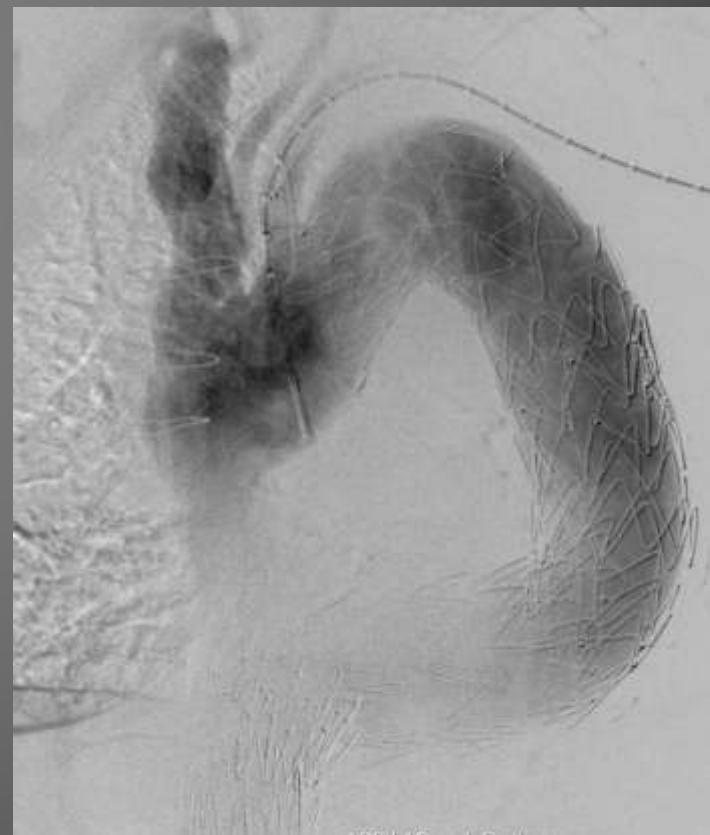
'Hostile' Aortic Arch



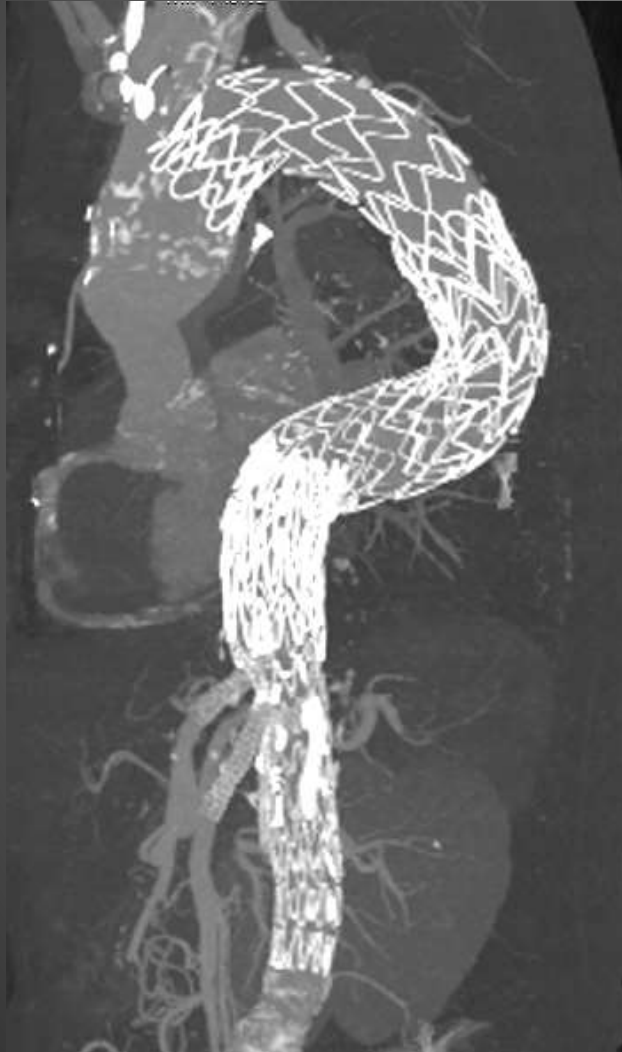
ZTA-PT-42-38-225



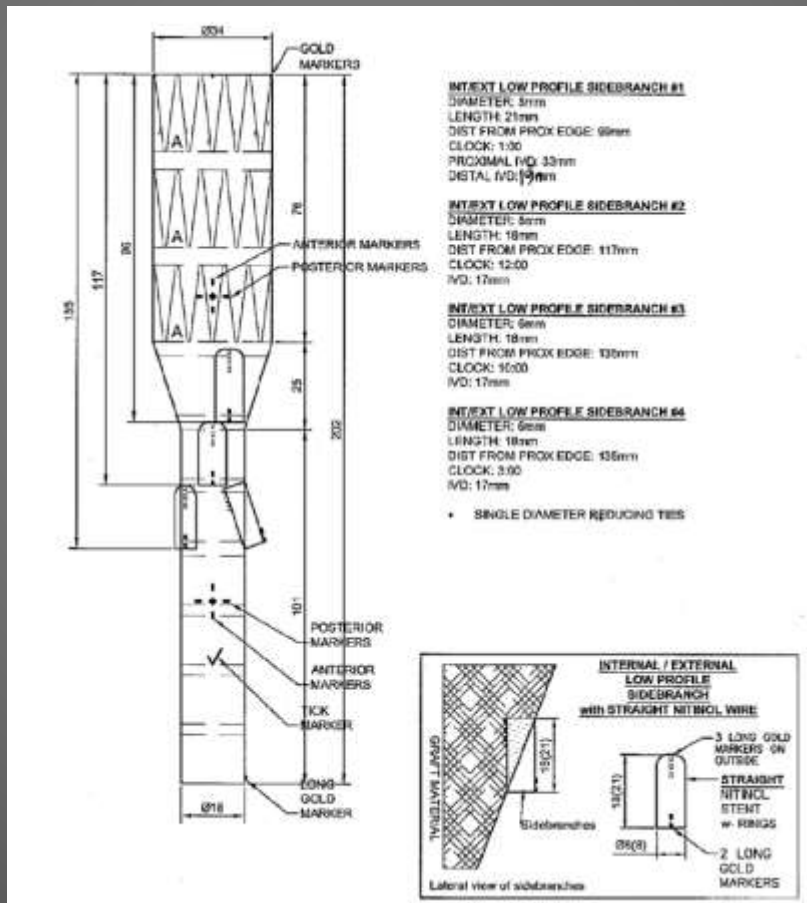
Final angio



CTA at 1 year

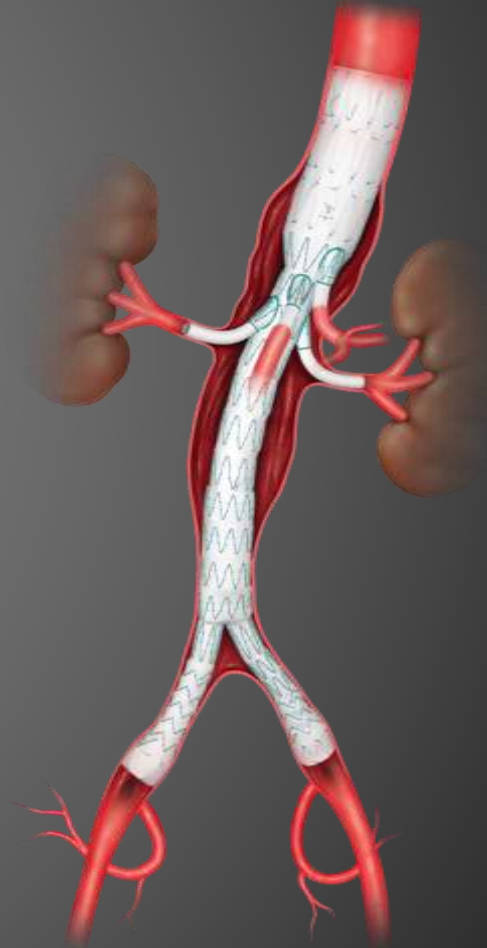


COOK T-Branch Device for Elective and Ruptured TAAA



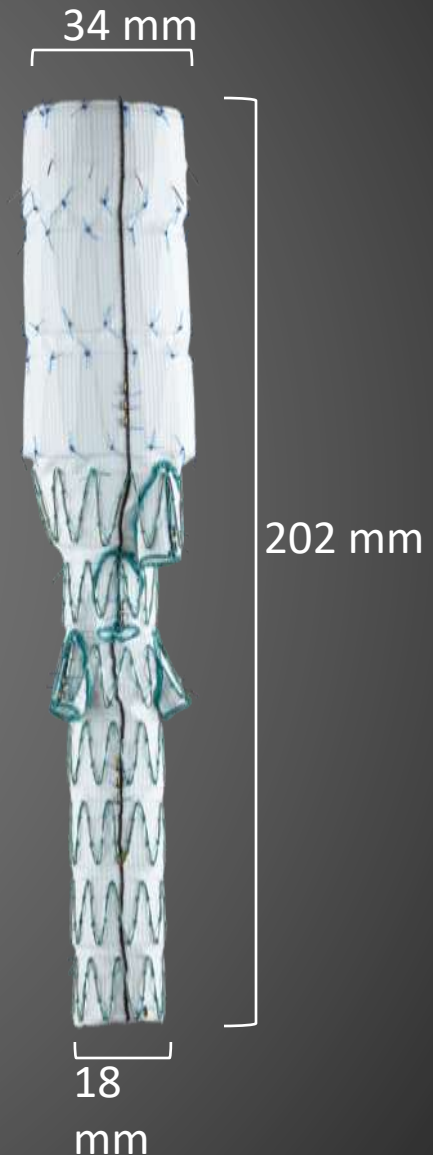
Zenith t-Branch

- 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

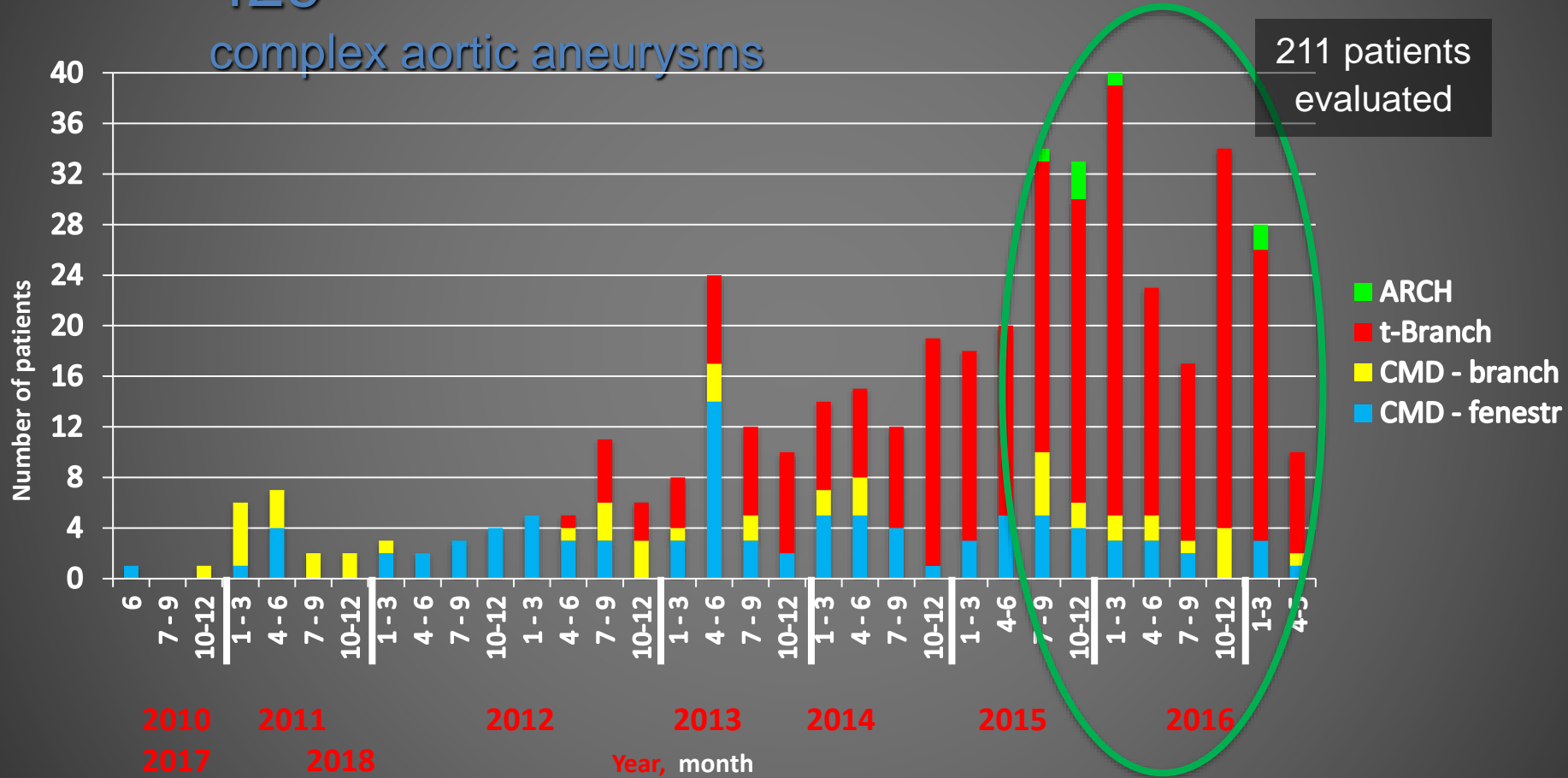




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complex aortic aneurysms



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