Complex Cases from Muenster  
- Germany -

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Complex cases from Muenster  
Disclosures:

Proctor Cook™ Company

Arch device:  

Male 67 Y.

Aortic arch aneurysm 70mm max  
Infrarenal EVAR 3/2015  
Art. Hypertension  
PAD  
COLD  
Refused for OR!

Zenith a-Branch - Design  

Stent Graft Design  
- 2 inner branches to perfuse the innominate and the left carotid arteries

Single length covered component  
- 34-46mm diameters, 4mm increments  
- 255mm covered length

Material  
- Nitinol and stainless steel stents  
- Low profile high density dacron fabric(Polyester)

Introduction System  
- Self orienting introduction system  
- Pre-curved sheath and cannula  
- Controlled deployment  
- Proximal and Distal fixation  
- Constraining sutures

Arch Bridging Graft for the innominate artery  
- Highly flexible and low profile
**Arch device:**

**Procedural steps:**

First session:
- Implantation of a **carotid subclavian bypass** left side 7/2015.

- **Cut down** axillary artery on both sides.
- **Prostar XL** left groin.
- **Angiographic** through the right femoral artery.
- **Central catheterization** through the right femoral vein.
- **Placement** of the arch device under cardiac arrest.
- **Bridging** of the brachiocephalic and left CCA through the axillary arteries.

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**Thoracoabdominal-LP-BEVAR:**

Female 58 Y.

- TAAA 60mm max., symptomatic, rapid growing.
- **Atrial fibrillation.**
- **Art. Hypertension.**
- **COLD.**
- **DM 2.**

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**Staged Procedure:**

First session: **TEVAR (Zenth alpha™)**

- **Cut down** axillary artery left side.
- **Prostar XL** both groins.

- **Placement** of the LP-branched endograft and **closure** of the groins. (To **avoid SCI**)

- **Bridging** of the branches to the target vessels through the axillary access.
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Thank you for your attention!

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