TAAA Open Repair: State of the Art

Michael A. Borger, MD PhD
Director of Cardiac Surgery
Leipzig Heart Center, Germany
Thoracoabdominal Aortic Aneurysm
First Resection of Thoracic Aorta Aneurysm


TAAA Open Repair
Post-TAAA Repair Paraplegia

2 – 12% of TAAA operations
Spinal Cord Collateral Network

Etz et al EJCTS 2015
Coiling (MIS\textsuperscript{2}ACE) and PAPAartis Study
Thoracoabdominal aortic replacement after Minimally Invasive Segmental Artery Occlusion

**Patient History**
59y, female
Thoracoabdominal aortic aneurysm (Crawford II, s/p type B dissection)
Ascending aortic ectasia (40 mm)
s/p segmental artery occlusion (lower thoracic/lumbar; 11/2017)

**Co-morbidities**
- s/p intracranial hemorrhage 10/2017 with residual hemiparesis left lower extremety
- s/p hyperthyroidism (post-contrast)
- Chronic renal insufficiency (stage III)

Log ES I 23.3 %
Log ES II 4.64 %
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Recruiting now!

- 5 year duration
- 500 participants
- 31 recruiting sites in 9 countries
16. DE: Munich  
17. DE: Warsaw

Figure 10 - Participating centres PAPA-ARTIS (EU, Switzerland and the US). Red stars represent recruitment centres and the yellow stars represent the radiology core lab (Copenhagen, WP6) and the health economics group (Grenada, WP3).
largest publicly funded RCT in aortic aneurysm repair

17 (+14) Aortic Reference Centres

prospectively collect contemporary real-world data on SCI incidence (type II, III; open + endo)

comparing 'staged' vs. 'conventional' approach

evaluating effectiveness of MISACE:
– SCI protection & endoleak type II prevention
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