




Use Of FORS Technology (Philips) In The Treatment Of TAAAs: Technical Tips In Its Use: What Are Its Advantages, Limitations And Disadvantages





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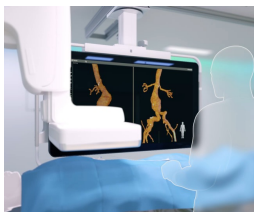


Disclosures

- Philips (Consultant, Research, Speaker)
- Cook Medical (Consultant, Research, Speaker)

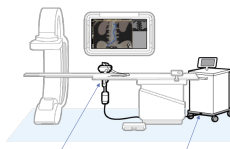
Fiber Optic RealShape (FORS) technology

- Intravascular navigation
- Reducing radiation
- 3D / biplane imaging

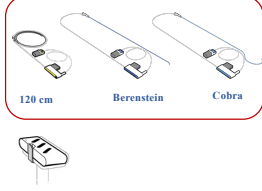




FORS technology overview 2020-2022



FORS equipment



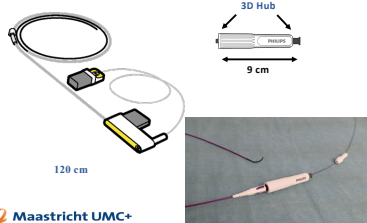
FORS disposables



120 cm Berenstein Cobra

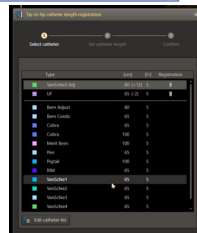





FORS technology overview 2023- today






120 cm

3D Hub
9 cm

Fenestrations

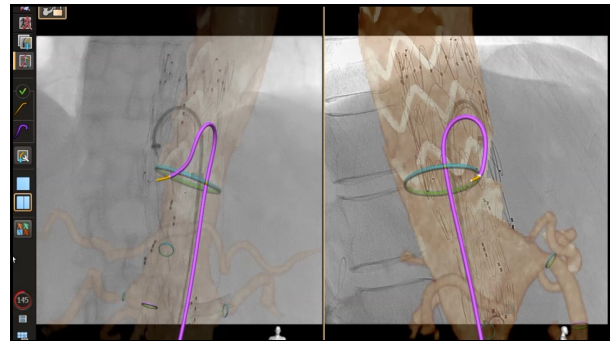




Branches

- Unsuccessful cannulation of SMA using FORS wire and FORS Berenstein catheter
- Lack of torque

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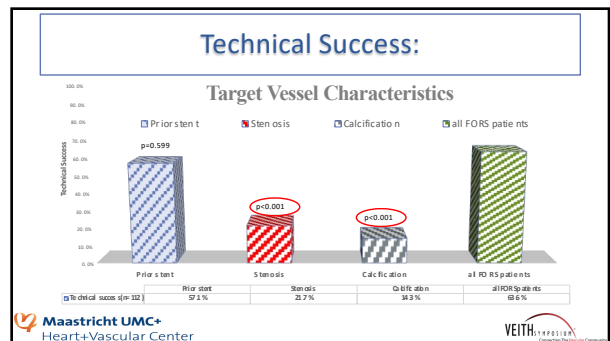
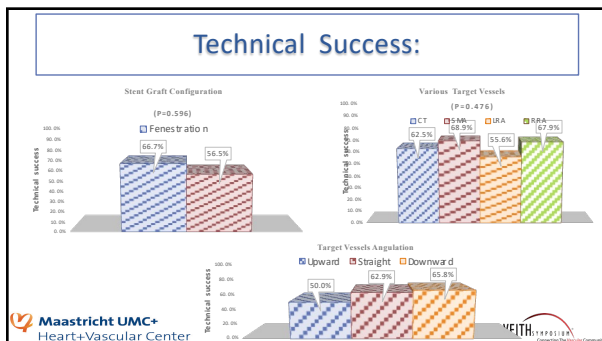
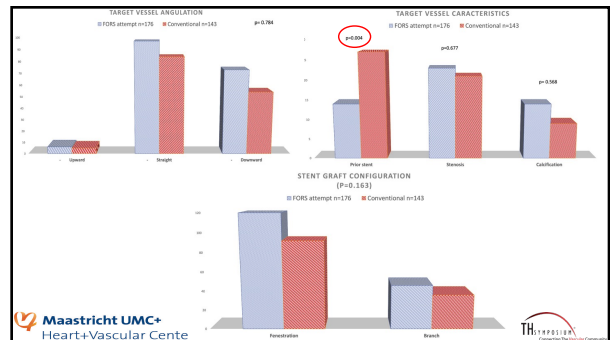


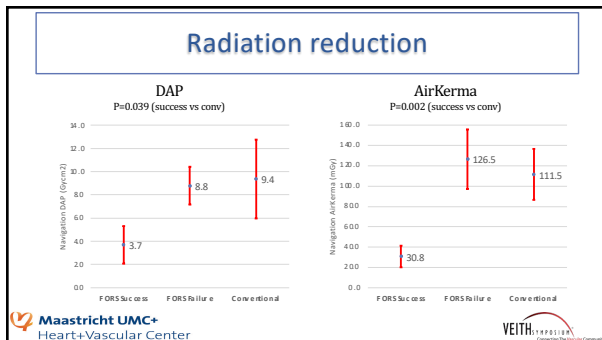
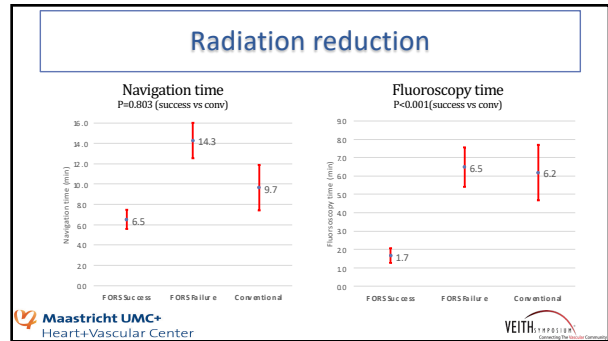
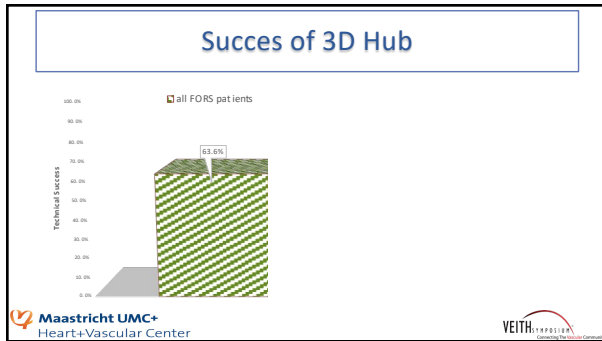
FORS Experience MUMC+

- December 2020- October 2023
- 210 patients treated with use of FORS
- First generation FORS (Altatrack)
- Introduction of 3D Hub : Januari 2023
- 93 patients with F/BEVAR for complex aortic aneurysms
 - FORS: 176 target vessel
 - Conventional: 143 target vessels

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Summary

- FORS is less successful in cannulating stenotic and calcified target vessels
- FT, DAP and AirKerma are significantly decreased in successful FORS group compared to conventional.
- With 3D Hub technology success rate increases from 60% to 80%
- Near future Europe: 160 cm guidewire

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