

Current and next generation AAA Endografts to treat simple to complex anatomies



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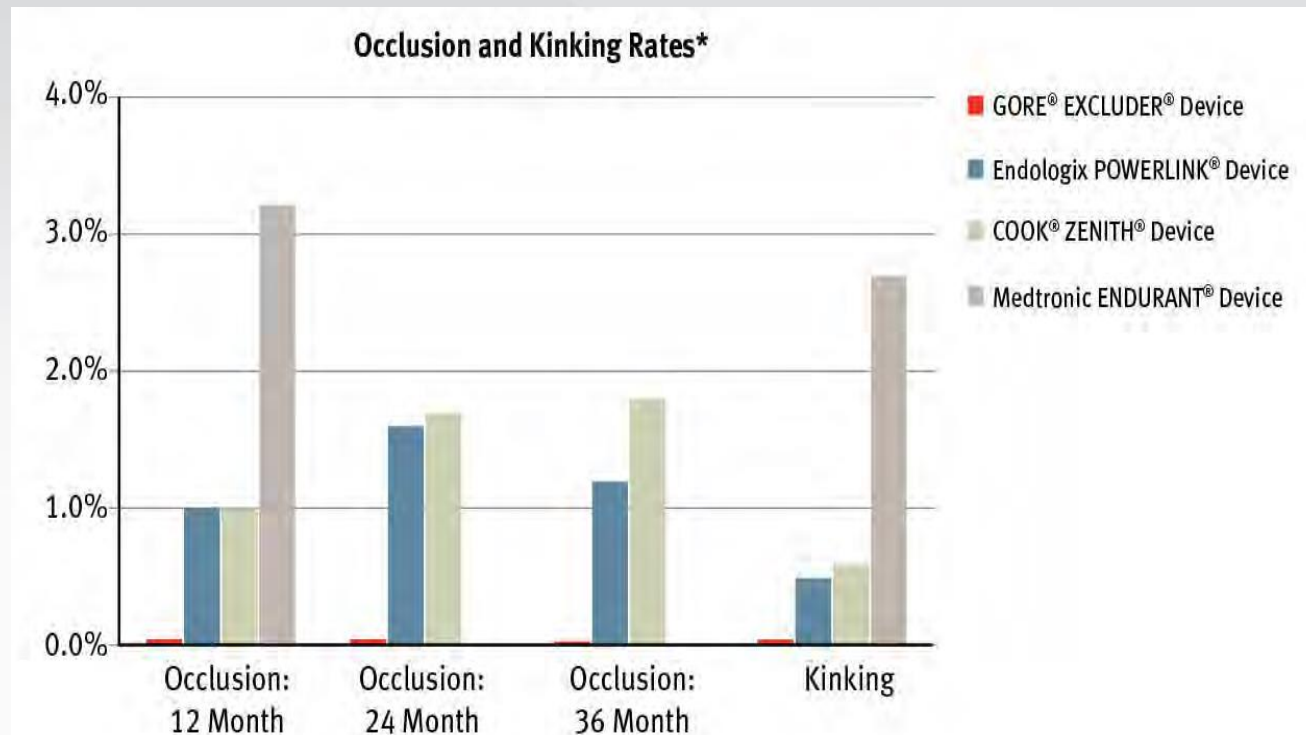
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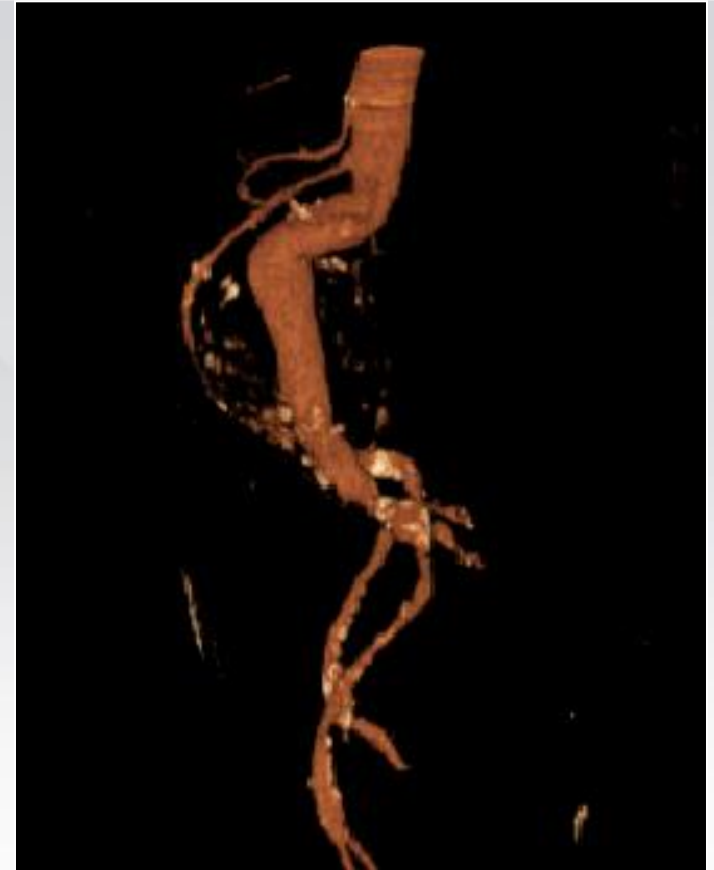
Current Devices – EXCLUDER[®] C3

- Current EXCLUDER[®] C3 for AAA treatment:
 - Proven durability - backed by clinical and commercial data
 - Intuitive repositionable delivery system



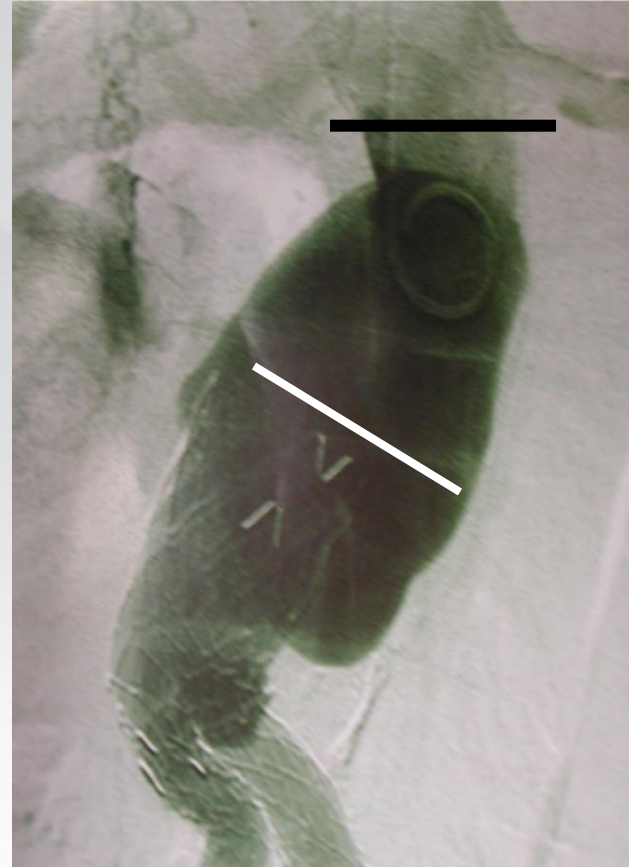
Neck Anatomy

- Hostile neck definition:
 - Thrombus, Calcification
 - **Short neck ≤ 15 mm**
 - **Angulated neck $\geq 60^\circ$**
 - **Wide neck > 28 mm**



Risks treating Hostile Necks

- Endoleak Type I
- Migration
 - Higher Re-Intervention Rates
- Late Rupture
 - Death



Treatment of Complex Neck Anatomies

- Patient Selection, Individual Planning
- Use of the complete neck for sealing
 - Precise positioning
 - Correct setting of the C-Bow
- Precise deployment
- **Fenestrated/Chimney/Open**



Design EXCLUDER[®] C3

- No major changes of the GORE EXCLUDER[®]
 - Same Construction, Materials
 - Same Profile
 - Same Flexibility
 - No Implantation of additional elements

Furthermore:

- Option for Repositioning
- More exact deployment

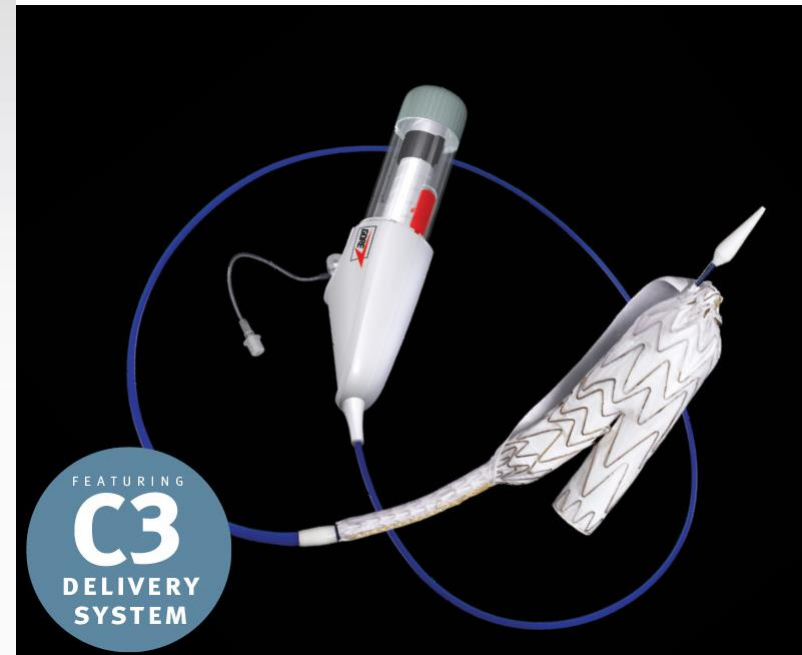


TABLE III.—*Number and reason for repositioning of the C3 Excluder graft.*

Trunk repositioning 49% Registry 18 (72.0%)

Reasons for repositioning

Positioning closer to renal arteries 10 (40%)

Contralateral gate positioning 12 (48%)

Other 4 (16%)

Number of repositions per case

Mean (SD) 1.1 (0.9)

Median 1.0

Range (0.0,3.0)

Number of repositions per case

0 7 (28.0%)

1 11 (44.0%)

2 5 (20.0%)

3 2 (8.0%)

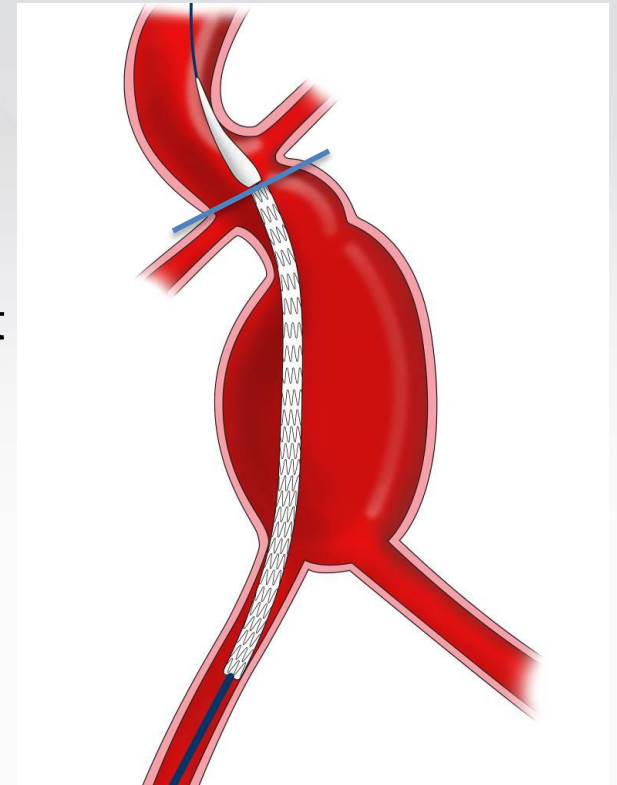


Short-term outcomes of the C3 EXCLUDER[®] with complex proximal aortic seal zones

- Retrospective Analysis (n=44)
- C3 vs EXCLUDER[®]
- “unfavorable neck”
 - Length <15mm, Diameter >28mm, Angle >60°
- Reduction of aortic cuffs
- No endoleaks
- No obstruction of renal arteries

Clinical Requirements

- Use of the complete neck:
 - Good wall apposition
 - Positioning close to the renal arteries
 - Precise deployment/repositioning
- Good Wall-Apposition (Conformability)
 - Adaption of the graft to the anatomy- not other way round

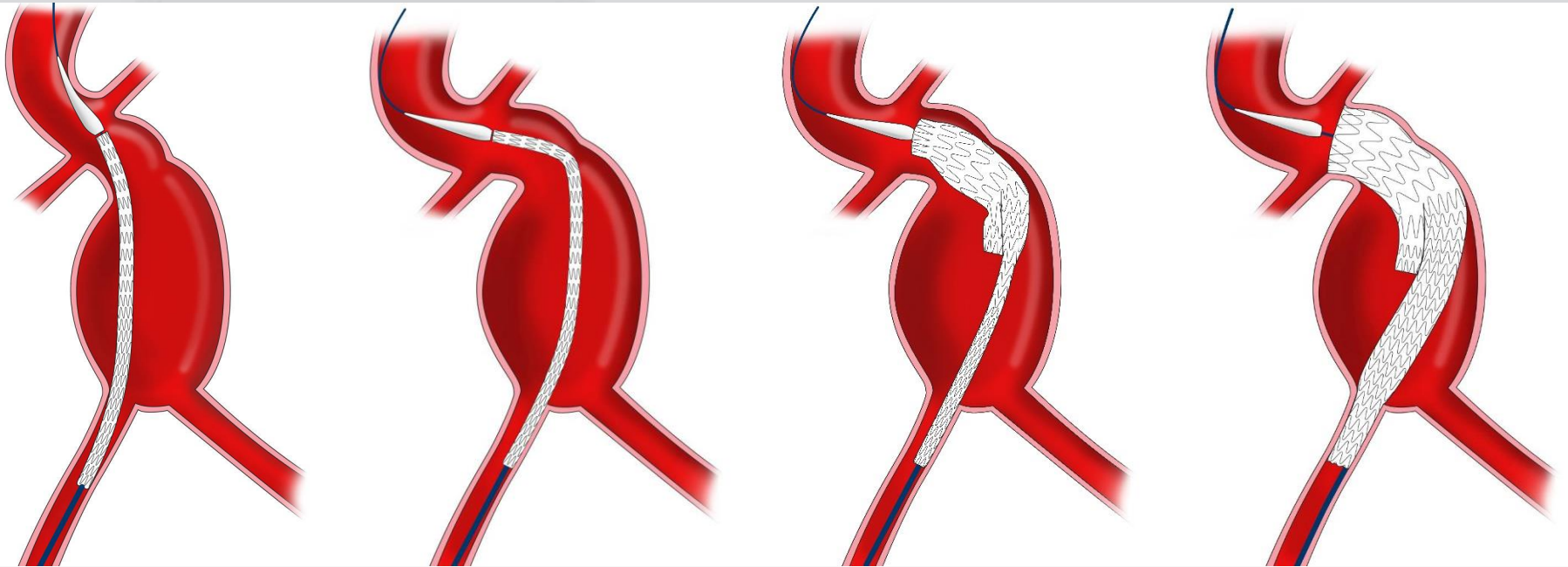


Conformability

- GORE® Conformable TAG® introduced the concept of conformability into the thoracic aorta



GORE® EXCLUDER® Conformable



GORE® EXCLUDER® Conformable

- Tested for
 - $\leq 90^\circ$ proximal neck angulation
 - ≥ 10 mm neck sealing length
- 16 Fr delivery catheter for most trunks



GORE® EXCLUDER® Conformable



Conclusions

- GORE® Excluder® Conformable will introduce a new conformability to EVAR
- Excluder® Conformable will feature a new positioning option which will allow to use all available neck length
- It can maximize wall apposition and sealing



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