

Disclosures

 Consultant: Cydar, CyndRx (equity interest), Endoron, Endospan, Medtronic, Shockwave, Silk Road, ViTAA, and WL Gore

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- I won last year (Tied now)











Appolo Creed's manager to Rocky:

"He's going to prove it to the whole world by giving an unknown a shot at the title and that unknown is you."

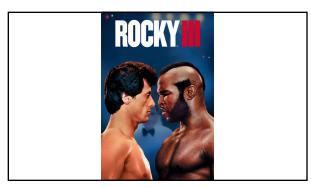


Apollo Creed (Mak): "Ain't gonna be no rematch."

Rocky Balboa (Me): "Don't want one."







What is Failed EVAR?

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- Infection
- Rupture
- Type 1A endoleak
- Failed intervention
- Expansion without a clear source
- 7

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Infection

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- Type 1A endoleak
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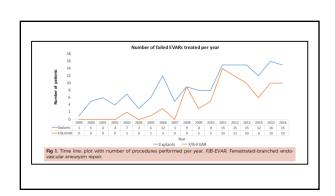
Outcomes

- Open explantation
 - 10% mortality in elective setting
 - 50% mortality for emergencies

From the Society for Vascular Surgery

Management of failed endovascular aortic aneutysm repair with explantation or fenestrated-branched endovascular aortic aneutysm repair

Agence P. Dias, M.D. Behrad S. Farinar, M.D. Sean P. Steenberge, M.D. Corry Brier, M.A. Yuki Kuramochi, R.N. BSN, Sean P. Lyden, M.D. and Matthew J. Eagleton, M.D. Cleveland Oho



From the Society for Vascular Surgen

Conclusions: Explantation and FIB-EVAR are necessary options in treating patients with failed EVAR and both techniques have competitive results. Different modes of failure may point to a preferred method of treatment consequently, rescue of failed EVAR should be individualized according to each patients presentation and resources available. [J Vasc Surg 2018;68:1676-97.]

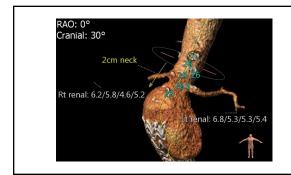
Agenor P. Dias, MD, Behzad S, Farivar, MD, Sean P, Steenberge, MD, Corey Brier, MA, Yuki Kuramochi, RN, BSN, Sean P, Lyden, MD, and Matthew J. Eagleton, MD, Cleveland, Ohio "In our cohort, F/BEVAR had better perioperative outcomes and lower aneurysm mortality..."

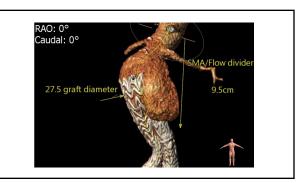
Discussion when presented at 2017 VAM

• Kevin Mani (Uppsala, Sweden):

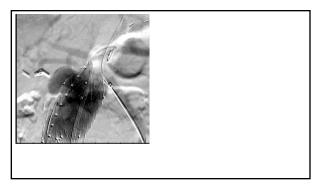
"Explant is mainly used for infections, acute cases, or possibly the few cases of expansion without visible endoleak."

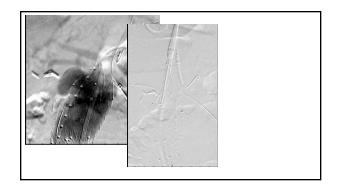
Case Examples (Failed EVAR)

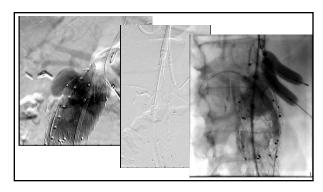


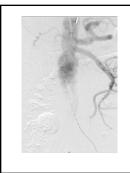














Open Surgery for "Failed EVAR"

- Many do not need conversion
- Banding of aortic neck
- Open sac exposure and ligation of lumbar arteries
- Partial explantation?

Conclusions

- Failed EVAR will be inevitable in some patients
- Endovascular solutions are possible in most cases
- \bullet Long main body devices are helpful during revision procedures
- Open conversion for extreme circumstances only due to morbidity/mortality

