How To Treat Patients With Large AAAs Who Are Unfit For Open Repair In 2018: When Should They Undergo EVAR

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• No Disclosures

AAA > 55mm

Time left? = Rupture Risk?

Our study on Unfit Patients

• 154 patients declined from operative treatment 2000-2010

• "Lethal" comorbidities
  • Coronary Artery Disease 60 %
  • Chronic respiratory disease 38 %
  • Cancer 23 %
  • PAD 19 %

The natural course of abdominal aortic aneurysms that meet the treatment criteria but not
the operative requirements. Noronen K, Laukontaus S, Kantonen I, Lepäntalo M, Venermo M.

Causes of death (n=116)

Accuracy of Causes of Death

RAAA n=51

Other n=65
Rupture Rate

- Overall rupture rate 38%
  - 32%
  - 39%
  - 44%

- Median rupture times
  - 24 months
  - 14 months
  - 11 months

AAA > 60mm

Unfit Patient

EVAR under local anesthesia

Conclusions – When should an “Unfit patient” undergo EVAR?

Elective
  - when > 60mm and quality life ahead

Emergency
  - when recovering to quality life possible
Do. Or Do not. There is no try.