

Update On Treating All (100%) Ruptured AAAs, Complex AAAs And Thoracic Aneurysms Endovascularly: A 15-Year Experience Shows This Is The Best Treatment And Lowers The Turndown Rate: What Adjuncts May Be Necessary To Achieve This

David T. McGraw, M.D., Ph.D.,
Tal M. Hoffer, M.D., Ph.D.
Dept. of Cardiothoracic and Vascular Surgery,
Faculty of Medicine and Health, Örebro University,
Örebro University Hospital, Sweden


Endovascular Resuscitation
and Trauma Management
www.jvtm.com





Conflict of interest

- None

"No ego, just good science, clinical care and collaboration"





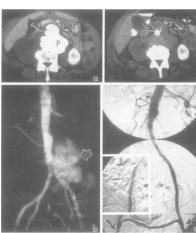


First EVAR in rAAA (1995)



Initial Experience with Transluminally Placed Endovascular Grafts for the Treatment of Complex Vascular Lesions

Michael L. Marin, M.D., Frank J. Veith, M.D., Jacob Cynamon, M.D., Luis A. Sanchez, M.D., Ross T. Lyon, M.D., Barry A. Levine, M.D., Curtis W. Bakal, M.D., William D. Suggs, M.D., Kurt R. Wengerter, M.D., Steven P. Rivers, M.D., Richard E. Parsons, M.D., John G. Yuan, M.D., Reese A. Wan, M.D., Takao Ohki, M.D., Alla Rozenblit, M.D., and Juan C. Parodi, M.D.





Man M et al. Annals of Surgery. 1995;232(4):446-45





Complete replacement of Open Repair for rAAA



30-day mortality (2009 – 2011)
 Total 24.3%
 Örebro 28.2%

Turndown rate: 4%





Single center experience



Aim: To evaluate the feasibility, technical success and clinical outcome of EVAR at a single center when exclusively performed for all rAAA during a 12-year period.

Demonstrated the applicability of EVAR for the treatment of **all** rAAAs at suitable centers

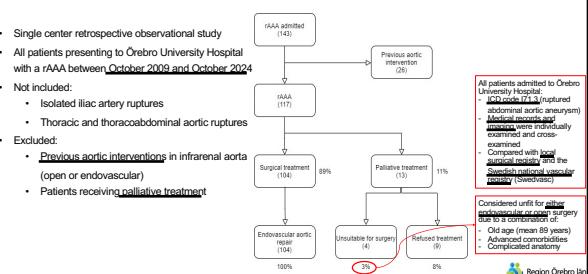








EVAR in 100% surgically treated rAAA 2009-2024



All patients admitted to Örebro University Hospital:
 - ICD code 73.1 (ruptured abdominal aortic aneurysm)
 - Medical records and **angiograms** were individually collected and examined
 - Compared with local **surgical activity** with the Swedish national vascular database (Örebro)

Considered unfit for either **endovascular repair or open surgery** due to:
 - Old age (mean 89 years)
 - Advanced comorbidities
 - Complicated anatomy



