Endovascular Relining of Perigraft Seroma after Open repair of AAA with PTFE graft

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Introduction
- Perigraft seroma after AAA open repair with PTFE: rare complication
- Treatment options: Percutaneous drainage of aneurysm sac, open surgical drainage with omental patch, open surgical replacement by dacron graft.
- We successfully treated by endovascular relining of perigraft seroma.

Case
- 64 year old man
- Open repair with PTFE (20-10mm) in March 2008
- Aneurysm sac 5.5cm → 11cm in 3 years after open repair with PTFE

Case Planning for Relining
- Proximal aortic neck length: 6cm
  - Conventional EVAR with Excluder was not indicated due to short aortic neck.
- Two 23mm Aortic cuff (Excluder) + 10-100mm (Viabahn)

Procedure & Results
- Relining of Trunk of PTFE graft with two Excluder Aortic cuff
- Relining of two limbs of PTFE graft with 10-100mm Viabahns and ballooning with 10mm balloons

Conclusions
Perigraft seroma was reduced after endovascular relining. Long term surveillance is needed for durability of endovascular treatment.