### BACKGROUND

- **Endovascular aneurysm sealing (EVAS)** using the Nellix system is a recent and different concept of AAA repair.
- Incidence, significance and treatment of type 1A endoleaks following Nellix EVAS are undetermined.
- Sealing has traditionally been achieved by an aortic cuff to extend graft coverage more proximally or placement of a balloon expandable stent.

### CLINICAL CASE

- 82 year-old male
- Underwent a Nellix endovascular repair for a 55 mm infra-renal aortic aneurysm in September 2014.
- Final angiography showed successful aneurysm exclusion with no endoleaks.
- Regular follow-up using CTA showed correct stent positioning, no signs of endoleaks and a shrinkage of aneurysm sac diameter.

### RESULTS

**HOWEVER...**

- December 2016 → TYPE 1A ENDOLEAK
- It was decided to perform angiography to do an endovascular embolization repair.
- Detachable coils + Onyx

### CONCLUSION

- Nellix EVAS is a different method for treating AAAs.
- Type 1a endoleak after EVAS is very uncommon with only few cases reported.
- The natural history of untreated endoleaks after EVAS is not known.
- Unlike conventional EVAR, the alternatives to treat a type 1a endoleak after EVAR are clearly reduced, transforming it into a difficult therapeutic challenge.
- Embolization appears to be an effective management choice with a high technical and clinical success.

### DISCLOSURES

I do not have any potential conflict of interest.