Endovascular treatment of giant groin pseudoaneurysm after large bore closure device implantation – case report

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Disclosure

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I have the following potential conflicts of interest to report:

☐ Consulting
☐ Employment in industry
☐ Stockholder of a healthcare company
☐ Owner of a healthcare company
☐ Other(s)

☒ I do not have any potential conflict of interest
Case Presentation...

- 66 years old male
- Comorbidities – arterial hypertension, CABG x4, MVR, gout, ventral hernia repair x3, AAA
- pEVAR procedure for AAA (Ankura, LifeTech) – closure 2 ProStyles (right) and Manta device (left)
- Antithrombotic therapy – Acenocoumarol + Clopidogrel
One month later...

• Growing pulsatile mass in the left groin, pain and discomfort

• On DUS examination – giant pseudoaneurysm (6/10cm) with origin from common femoral artery (puncture site)

• CT scan
Coronary Diagnostic Coronary Catheterization Extremities 4
OPTIONS...

• thrombin injection

• common femoral artery stent graft

• coils, glue

• dual layer Supera?
MBAL NKB EAD Hospital
1
Coronary Diagnostic Coronary Catheterization
Extremities 2
Take home message...

• Direct false aneurysm puncture,
• plug implantation
• and sac blood evacuation

seems to be feasible and safe endovascular solution for such kind of pathology
THANK YOU FOR YOUR ATTENTION...