Subclavian Pseudoaneurysm Presenting With Hemoptysis

Tiago F. Ribeiro, Gonçalo Rodrigues, Rita Soares-Ferreira, Rita Bento, Fábio Pais, Joana Cardoso, Helena Fidalgo, Adriana Figueiredo, Maria Emília Ferreira
Centro Hospitalar Universitário Lisboa Central

Introduction: Subclavian pseudoaneurysms are infrequent. Although most are asymptomatic, they can present with fistulization to pulmonary parenchyma/airway or other potentially life-threatening complications. We present a case of subclavian pseudoaneurysm presenting with hemoptysis.

Methods: Patient clinical charts and imagiologic studies were retrospectively consulted

Case Report:

19-year-old male
Irrelevant PMH
3-day severe chest pain and hemoptysis

Figure 1: CT angiography. Left subclavian aneurysm (70x50mm) short, narrow neck, nearly 5mm from the subclavian ostium. Hematic content outside the aneurysm

Figure 2: Endovascular exclusion with a AdvantaV12 8x38mm (brachial access). Proximal stent flaring 10mm

Figure 3: 18-month CT angiography, with patent stent graft without local complications

Micobacterium tuberculosis on bronchoalveolar lavage – 7 Months targeted therapeutic

Conclusion: Endovascular exclusion of mycotic subclavian pseudoaneurysms is safe and mid-term outcomes are favourable. He remains on close follow-up.