

Painless mass in leg

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History

A 43-year old man had a 2-cm soft tissue mass in the left lower leg that had doubled in size over the previous year. It was painless, hard, firm and deeply attached. Radiography (Fig. 1), computed tomography (Fig. 2) and gadolinium-

enhanced magnetic resonance imaging (Fig. 3) were performed. Histopathology is also shown (Fig. 4). What is the diagnosis?

Fig. 1 Anteroposterior view of the tibia and fibula



Fig. 2 Computed tomography. Sagittal reconstruction



We declare that the present research complies with the current laws of the country in which it was done (Spain), and that we have had full control of all primary data

The diagnosis can be found at doi: 10.1007/s00256-009-0747-1.

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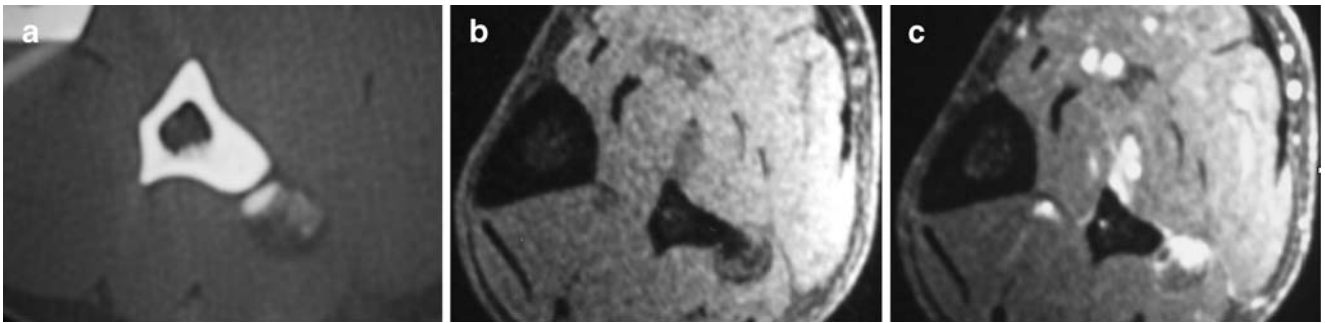


Fig. 3 Axial planes. **a** Computed tomography. MRI: 3D T1-weighted sequence with fat saturation, **b** pre- and **c** post-administration of intravenous gadolinium

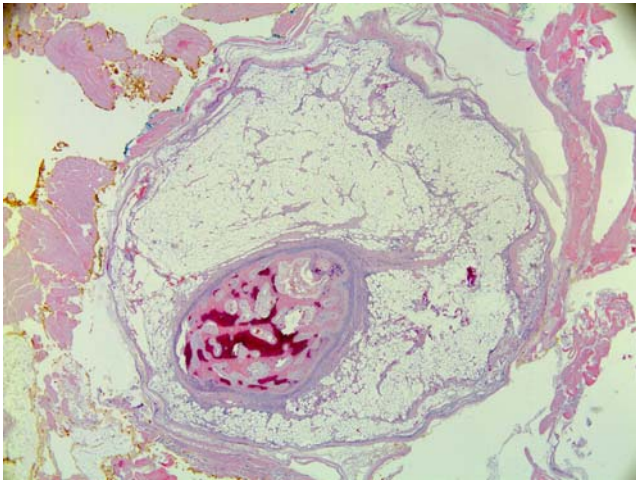


Fig. 4 Hematoxylin and eosin, $\times 2$