


CLINICAL VIGNETTE

Huge pseudoaneurysm of deep femoral artery without history of catheterization

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A 60-year-old man with a history of stroke had a sudden pain and severe swelling in the left femur (Panel A). Echocardiography of the femoral artery showed a huge pseudoaneurysm of the deep femoral artery. Colour flow imaging shows a huge pseudoaneurysm (Panel B) of the deep femoral artery and the internal flow (90°C2 130°C2 120 mm). Three-dimensional contrast-enhanced computed tomography showed a projection of the femur bone, but no stenosis of the abdominal and iliac artery (Panel C). Operation was performed and revealed the perforation of the femoral artery by the projection of the thighbone. Microscopically, this cartilaginous tumour permeated trabecular bone. Photomicrograph of the projection of thighbone showed mildly nuclear atypia of tumour cells and increased cellularity (Panel D), suggesting chondrosarcoma (haematoxylin and eosin stain, original magnification ×40). The patient was discharged from the hospital in a good condition.

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