

Images in Infectious Diseases

An unusual tumor mimicker in the iliac wing: A hydatid cyst

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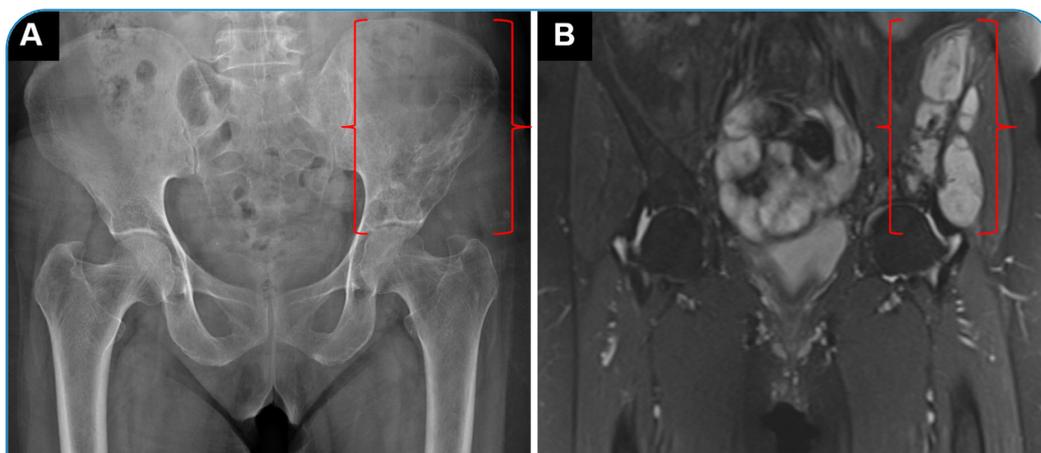


FIGURE 1: Direct radiography (A) shows a large expansile lytic lesion (in brackets) in the left iliac wing. Magnetic resonance images (B) reveal multicystic iliac lesions (in brackets).

A 49-year-old woman presented with left hip pain and movement limitation. Direct radiography showed a large expansile lytic lesion without cortical destruction in the left iliac wing. Magnetic resonance imaging revealed a multicystic left iliac lesion (Figure 1). Histopathologic examination revealed a hydatid cyst.

Hydatid cysts caused by the larval stage of *Echinococcus granulosus* remain an important health problem¹. The disease is primarily located in the liver and lungs; involvement of the musculoskeletal system is rare, especially bone localization, which occurs in less than 1% of cases². The spine is most commonly involved in bone structure in such cases³. The treatment of bone-located hydatid cysts is more difficult compared to other regions^{2,3}. Although rare, bone hydatid cyst is a clinically serious disease. Destructive growth in hydatid cysts can lead to high rates of

morbidity similar to locally malignant bone tumors³. Iliac involvement is relatively rare and can mimic cystic neoplasms of the iliac bone.

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