

rapid and inexpensive examinations. ... osteosarcomas. but we suggest the US because the modality is an easy-use,

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Subject: **Musculoskeletal**

Title: **A high grade parosteal osteosarcoma: a case report**

Introduction

Parosteal osteosarcoma accounts 5% of all osteosarcoma cases. It originates from the periosteal layers of the bone and is the most common form of surface osteosarcoma. Parosteal osteosarcoma is often low grade(85%).

Case presentation

We present the case of 12-year-old girl with pain, oedema and painful movements of the left knee. The plain film and computed tomography showed loss of the continuity of distal femur with not clearly limited tumorous formation. Magnetic resonance imaging showed eccentric expansive tumorous formation of the distal femoral metaphysis in the central and medial side(10cm in longitude diameter and 7cm transverse). The lesion propagated in the anterior side of the distal epiphysis. Periosteal reaction with oedema was present, and by the radioposterior side was present with spiculation. After application of contrast the lesion showed increase of intensity, well vascularized. The continuity of corticalis was interrupted with irregular outer and inner margins. The biochemical analyses were in normal limits. The tumor was surgically removed and one-piece distal femoral prosthesis was implanted. The histopathological diagnosis was parosteal osteosarcoma, high