

Clinical Image

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Osteosarcoma: Clinical image

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Clinical image description

A 17-year-old man complaining of aggressive and painful mass at the left thigh was admitted. Examination displayed the patient was in dreadfully pale complexion, with poor vitality and nutrition (166 cm in height, and 43 kg in body weight). A huge globose soft neoplasm (35 cm in diameter) was located above the knee joint, accompanied by engorged vein, tension blister and partially necrotic crust on its surface. Blood test showed he was in serious cachexia (29 g/L of hemoglobin and 23 g/L of albumin). The x-ray showed pathological fracture, extensive osteoblastic destruction, and a soft tissue mass at the distal metaphysis of the left femur. A needle aspiration biopsy and a histological examination confirmed the diagnosis of osteosarcoma. The patient asked for amputation but the myocutaneous condition was not available. He was transferred to receive neoadjuvant chemotherapy for a possible surgical opportunity. Actually the patient was diagnosed as early osteosarcoma one year ago but he refused any treatment, which predicts a worse prognosis.



Figure 1: Patient image showing osteosarcoma.

Declarations

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