

MICOD – 25/06/2024

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MI-COD

MSS INDIA- Case Of the Day



Non Hodgkin Lymphoma



Lymphoma of MSK system (bone, muscle or skin) is usually due to secondary involvement from disseminated disease

Occasionally can present as primary extra nodal disease

Radiological features are traditionally known to be non-specific findings

Recognition of certain imaging & clinical features can help in diagnosis

Malignant lymphoma of bone accounts for 7% of all bone malignancies and 5% of extra-nodal lymphomas and classified into four subtypes

- **Primary bone lymphoma (PBL)** - lymphoma within a single bone with or without regional nodal metastasis & absence of distal lesions within 6 months after diagnosis
- **Multifocal PBL** - lymphomatous disease in two or more osseous sites but no distal or nodal metastasis within 6 months of diagnosis
- **Disseminated lymphoma with secondary osseous involvement within 6 months of lymphoma diagnosis via soft tissue/nodal disease**
- **Disseminated lymphoma with secondary osseous involvement more than 6 months after diagnosis**

Lytic permeative appearance of bone on radiographs with extensive marrow involvement and surrounding soft tissue mass is classic for round cell tumours such as lymphoma. It is postulated that the tumour cells from marrow invade small vascular channels within bone cortex into surrounding soft tissue resulting in this appearance.

A wide-angle photograph of a sunset over the ocean. The sun is low on the horizon, creating a bright, shimmering reflection on the water. The sky is filled with a dense layer of small, white, textured clouds. In the foreground, several small, dark silhouettes of boats are scattered across the water. The overall mood is peaceful and serene.

Thank you