



Diagnosis of Lytic Lesion in Proximal Tibia: Histiocytic Sarcoma, a Case Report

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Abstract

Introduction: Histiocytic Sarcoma is a rare neoplasm which causes less than 1 percent of all malignancies of hematologic origin. The biological behaviour of this neoplasm resembles that of lymphoma; however, its cell line is histiocytic and non-lymphoid. Thereafter, the malignant cell of the histiocytic sarcoma shows morphological and immune-phenotypic characteristics of the histiocyte of mature origin. In the most recent 2016 revision, the WHO classified histiocytic sarcoma inside the macrophage along with other histiocytosis and stroma derived dendritic cell tumours.

Case Report: A 70-year-old female with Histiocytic sarcoma of the left proximal tibia which presented as a solitary lytic lesion with pain in the left knee since 3 months. We here in describe a rare differential to a solitary lytic bone lesion without constitutional symptoms which was treated by our own conventional method.

Conclusion: Though Histiocytic Sarcoma is a rare bony lesion; we should be aware of its presence and perform biopsy and immunohistochemistry in all lytic bone lesions.

Biography

Dr. Clevio Joao Baptista Desouza has his expertise in Orthopaedic Trauma. He is currently a Senior Resident at Dr.D.Y.Patil Medical College, Hospital And Research Centre, Pune having completed his MS in Orthopaedics in 2020. He has various peer reviewed publications in the field of orthopaedics covering topics like oncology, trauma and arthroscopic surgeries.

Publications

Dr. Clevio Joao Baptista Desouza, Diagnosis of Lytic Lesion in Proximal Tibia: Histiocytic Sarcoma, a Case Report.