

Punched Out Lesions in the Skull in a Case of Multiple Myeloma

Sujit K Bhattacharya* and Bhaskar Ghoshal

Glocal Hospital, Krishnanagore, West Bengal, India

Keywords: Multiple myeloma; Electrophoresis; Skeletal system

Case History

A patient aged about 40 years presented with bony pain and mild fever. The patient was diagnosed to have multiple myeloma. Multiple myeloma is the most common primary malignant tumor of the skeletal system. It is a malignant proliferation of the plasma cells. This gives

rise to monoclonal proliferation of these cells resulting in marrow infiltration and consequent increase of a single immunoglobulin and its fragments in the serum and urine. Plasma electrophoresis shows increased levels of immunoglobulins in the blood and light chains and Bence-Jones protein in the urine. Multiple destructive lytic lesions of the skeleton, and demineralization, as seen radiologically are characteristic of multiple myeloma (Figure 1).



Figure 1: Punched out lesions in the skull of a case of multiple myeloma.

***Corresponding author:** Sujit K Bhattacharya, Glocal Hospital, Krishnanagore, West Bengal, India, Tel: 8697462003; E-mail: sujitkbhattacharya@yahoo.com

Received July 10, 2016; **Accepted** July 12, 2016; **Published** July 15, 2016

Citation: Bhattacharya SK, Ghoshal B (2016) Punched Out Lesions in the Skull in a Case of Multiple Myeloma. J Mol Imag Dynamic 6: i104. doi:[10.4172/2155-9937.1000i104](https://doi.org/10.4172/2155-9937.1000i104)

Copyright: © 2016 Bhattacharya SK, et al. This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.