CLINICAL IMAGE

Case of Chondrosarcoma Hip.

Naheena¹, M.B., Iqbal Lone², M.D., Duri Mateen¹, M.B., Tazeen¹, M.B.

²Associate Professor, ¹P.Gs., Department of Pathology, SKIMS, Soura

CASE : 45 year old female presenting with pain in the hip joint. Radiology of the hip joint revealed a huge mass arising from the iliac bone infiltrating the surrounding soft tissue. Opinion of tumor arising from bone chondrosarcoma was made. Patient underwent hemipelvectomy. Gross specimen showed a huge mass arising from the iliac bone. Cut section showed myxoid and cartilaginous areas. The lesion was well circumscribed. Microscopy of the lesion showed tumor which was less

cellular with tumor cells showing mild atypia and lobulated architecture with abundant cartilaginous matrix separated by fibrovascular bands. No necrosis seen. Mitoses of less than 2 per 10 hpf was noted. At places many intracytoplasmic hyaline globules were also noted. On IHC tumor cells showed both cytoplasmic and nuclear positivity for S100. Impression of well differentiated chondrosarcoma was made on the basis of histopathology and IHC.

Figure 1 Gross appearance of chondrosarcoma

Figure 2 Microscopic view of chondrosarcoma H and E X 100

Figure 3 Malignant chondroid cells H and E X 400

Correspondence

Dr. Iqbal Lone, M.D.,
Associate Professor, Department of Pathology,
SKIMS, Srinagar
Email id-mohdiqballone@yahoo.com