CLINICAL IMAGE

Case of Epithelioid Sarcoma hand

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CASE: 60 year old male presented with an ulceroproliferative growth over wrist joint of right hand with history of rapid increase in size of swelling. Radiology of the lesion did not reveal infiltration of the underlying bone. Biopsy of the lesion was done outside and was reported as NHL T cell type without IHC support. We received the same biopsy for review. Grossly lesion was measuring 8x4cm with ulcerated surface and

areas of extensive necrosis. Microscopy revealed ulcerated surface epithelium with pleomorphic large epithelioid and spindle tumor cells in the dermis which were positive for cytokeratin and vimentin and were negative for CD3, CD20 and S100. Extensive areas of necrosis were also present. Mitosis was more than 5/10hpf. Impression of epithelioid sarcoma was made on the basis of IHC and histopathology.

Figure 1- Gross image of the growth hand

Figure 2- X-ray of the hand.

Figure 3- Scanner view of the tumor.

Figure 4- Low power microscopic view of epithelioid sarcoma

Figure 5- High power microscopic view of epithelioid sarcoma showing epithelioid sarcomatous cells.

Figure 6- IHC showing vimentin positivity.

Figure 7- IHC showing CD20 positivity.

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