

**61<sup>st</sup> ANNUAL DIAGNOSTIC SLIDE SESSION 2020.**

CASE 2020 #6

(Presented in concert with case #5)

Submitted by:

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Clinical History:

This 29-year-old male with a history of skin rashes presented with back and hip pain leading to difficulty walking and morning pain and stiffness for 4 years. An MRI 3 years prior to biopsy demonstrated sacroiliitis and a possible fracture in the right hip, and he was diagnosed with psoriatic arthritis but showed minimal response to therapy. Further laboratory evaluation demonstrated elevated bone alkaline phosphatase, and a bone scan demonstrated multiple foci of uptake in the ribs, spine, right pelvis, and left femoral neck, most consistent with fractures. Further lab evaluation demonstrated elevated urine calcium, low serum phosphorus, and low Vitamin D and 1,25-dihydroxyvitamin D levels. A PET scan revealed a single focus of increased uptake in the right temporal lobe. Follow-up MRI demonstrated a 1.3 cm homogeneously enhancing extra-axial mass arising from the floor of the right middle cranial fossa. A craniotomy for surgical resection of the lesion was performed.

Material submitted: Diagnostic MRI (T1 post-contrast) and 1 H&E stained section of the right dural-based mass

Points for discussion:

1. Pathogenesis
2. Behavior