

A RARE CASE OF TOPACEOUS GOUT OF SPINE: INCIDENTAL FINDING FROM CECT AND MRI OF PATIENT WITH CHRONIC UNTREATED GOUT

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Introduction: Gout is idiopathic metabolic disease that causes disorder in nucleic acid metabolism leads to formation of hyperuricaemia and deposition of monosodium urate crystal in the synovium. When it deposited in the soft tissue may cause tophi formation. Occurrence of gouty tophi of spine is rare.

Discussion: He was then proceeding with CECT TAP and MRI lumbosacral to find the cause of intestinal obstruction. Figure 1: CT scan showing well define lobulated hyperdense solid lesion within left erector spinae at L5-S1 with intraspinal extension with bony erosion Figure 2: Sagittal MRI shows heterogenous mass mixed cystic and lytic component, within the left erector spinae, eroding the facet L4L5 and L5S1, and neural foramina of L4L5 and L5S1

Conclusion: Base on CT and MRI with patients' findings, topaceous gout of spine is remained top differential diagnosis. But still infection and tumor need to be rule out also. Tissue biopsy is a gold standard in diagnosis, to avoid any unnecessary surgical exploration. Management of these kinds of patients vary depending on their clinical symptom and sign. Preventing the progression of illness is important, and can be achieved with adequate medical therapy and good patient education about diet and lifestyle. Surgical decompression is necessary if there is neurological involvement.