# TUMORAL CALCINOSIS "THE IMPERSONATOR": A CASE REPORT

<sup>1</sup>Prem Sran; <sup>1</sup>Emad F; <sup>1</sup>Afif A.R

<sup>1</sup>Department Of Orthopaedic Surgery, Hospital Tengku Ampuan Afzan, Kuantan, Pahang

#### INTRODUCTION:

Tumoral calcinosis (TC), also called Teutschlander disease, is a rare disorder characterized by calcium salts accumulation in soft tissue, producing painless mass with 0.5%—1.2% prevalence in hemodialysis patients <sup>(1)</sup>.

We present a 63-year-old lady presented with swelling over the posterolateral aspect of left upper back which mimic a bone tumor.

#### **REPORT:**

A 63-year-old lady with underlying ESRF on CAPD since 2018, hypertension and diabetes mellitus presented with painless swelling over the left upper back gradually increasing in size for history of 1 year

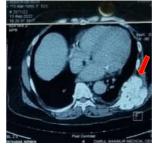
Clinically, noted a hard, non-mobile mass measuring 10x8cm over the posterolateral aspect of left back.

Blood investigations showed elevated levels of phosphate and normal levels of calcium.

Computed Tomography images showed a calcified mass arising from the posterolateral aspect of left 7<sup>th</sup> rib.

MRI revealed a cystic mass with lobulated margin with multiple fluid filled cyst.

Our initial impression for the lesion was chondrosarcoma and underwent open biopsy Intra-operatively upon incision noted white fluid discharge. Histopathology results revealed as cystic lesion with dense calcification suggestive of tumoral calcinosis.



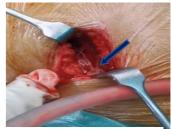


Figure 1: CT scan image of the lesion over the posterior aspect of the 7<sup>th</sup> rib

Figure 2: Intraoperative image of white fluid arising from lesion

### **CONCLUSION:**

Tumoral calcinosis although a rare condition should be considered as a possible diagnosis in ESRF patients presenting with a painless mass. (1) Although, tumoral calcinosis can mimic and be radiographically indistinguishable from a tumor, careful evaluation of imaging findings and biochemical data can suggest the correct diagnosis.

## **REFERENCES:**

1. Petscavage JM, Richardson ML. Tumoral calcinosis mimicking recurrent osteosarcoma. Radiology case reports. 2009;4(4):336.