

Pt. Name:	خالد أحمد عبد الله المسعودي		Lab Number:	1252-2026	
Pt. Age:	49 years.	Gender:	Male	Received date:	2026-02-23
Referred By:	د/ خالد سويلم		Reported date:	2026-02-28	

## PATHOLOGY REPORT

Clinical Information.	Rt. foot mass. MRI revealed destructive bony lesion involving 3rd and 4th metatarsal bone related to metallic element.
Nature of specimen.	Excision biopsy

### GROSS:

Soft tissue fragments collectively measured 7x5.5x2.3 cm, the largest measuring 4.5x2.8x2.3 cm, totally embedded.

### MICROSCOPIC:

Submitted multiple fragments of bone infiltrated and partly replaced by a dense chronic inflammatory process composed of sheets and clusters of large foamy histiocytes with abundant vacuolated, eosinophilic cytoplasm, admixed with numerous lymphocytes, plasma cells, and scattered neutrophils. Interspersed are foci of necrotic and devitalized bony trabeculae surrounded by these inflammatory cells, with areas of granulation tissue and fibroblastic proliferation. Occasional multinucleated histiocytic giant cells are seen, but no well-formed epithelioid granulomas, cholesterol clefts, or conspicuous atypical mitotic figures are identified. No malignant osteoid or overtly atypical spindle cell proliferation is seen in the examined sections. Overall features are those of a xanthogranulomatous chronic osteomyelitis involving bone

### DIAGNOSIS:

3rd and 4th metatarsal destructive bony lesion , excision biopsy:

- Chronic xanthogranulomatous osteomyelitis.
- Negative for malignancy.

Pathologist

Prof. Dr. Neveen Tahoun, MD, PhD  
28-02-2026

Nerveen Tahoun