

Pt. Name:	أسنات هادي ناصر الجثام		Lab Number:	0783-2026	
Pt. Age:	7 years.	Gender:	Female	Received date:	2026-02-04
Referred By:	د/ آدم المداح		Reported date:	2026-02-08	

PATHOLOGY REPORT

Clinical Information.	Known case of chronic anemia under work-up, with multiple bone cystic lesions and pathological fracture.
Nature of specimen.	Proximal tibial bone marrow and cortex biopsy.

GROSS:

Bone fragments collectively measured 1.7x1.5x0.7cm, totally embedded.

MICROSCOPIC:

A hypercellular lesion replacing the normal marrow space, characterized by a rather monomorphic infiltrate, dominated by sheets of medium-sized, mononuclear cells possessing pale, slightly eosinophilic cytoplasm. The nuclei of these cells are irregular and exhibit fine chromatin and inconspicuous nucleoli. Intimately admixed within this proliferation is residual bone marrow element. Additionally, the biopsy contains fragments of benign hyaline cartilage and irregular trabeculae of woven bone rimmed by active osteoblasts; these mesenchymal elements appear reactive in nature. Marker study is mandatory to characterize the infiltrate (CD20, CD3, CD30, CD10, CD79a, TdT and Ki-67).

DIAGNOSIS:

Tibial lesion, biopsy:

- Atypical round cell infiltrate.
- Recommended for typing by marker study.

Pathologist

Prof. Dr. Neveen Tahoun, MD, PhD
08-02-2026

Nerveen Tahoun