

Pt. Name:	سمر عمر أحمد عياش		Lab Number:	1777-2026	
Pt. Age:	15 years.	Gender:	Female	Received date:	2026-03-29
Referred By:	د/ زاهر عبد القادر كمال		Reported date:	2026-04-01	

PATHOLOGY REPORT

Clinical Information.	Large, aggressive proximal tibial bone lesion with extensive soft tissue involvement and neurovascular encasement.
Nature of specimen.	Incisional biopsy.

GROSS:

Soft tissue and bone fragments collectively measured 5.5x4.5x1.5 cm, totally embedded.

MICROSCOPIC:

Sections show an infiltrative, high-grade intramedullary tumor characterized by a hypercellular proliferation of markedly pleomorphic spindle to epithelioid cells. These cells exhibit marked cytological atypia, hyperchromasia, prominent nucleoli, and brisk mitotic activity with frequent atypical forms. Areas of tumor cells directly depositing abundant, disorganized, lace-like malignant osteoid and irregular woven bone trabeculae are observed. Confluent areas of geographic coagulative tumor necrosis are noted.

DIAGNOSIS:

Right proximal tibia lesion, biopsy:

- Conventional high-grade osteosarcoma, osteoblastic subtype (WHO Classification).

Pathologist

Prof. Dr. Neveen Tahoun, MD, PhD
01-04-2026

Nerveen Tahoun