

Pt. Name:	علي ميخوت علي عامر		Lab Number:	2909-2026	
Pt. Age:	70 years.	Gender:	Male	Received date:	2026-05-02
Referred By:	د/عمار قداري		Reported date:	2026-05-07	

PATHOLOGY REPORT

Clinical Information.	Aggressive bone lesion involving the D5 and D6 vertebrae with an associated soft tissue component causing spinal canal stenosis and suspected cord infiltration.
Nature of specimen.	Biopsy

GROSS:

Bone fragments collectively measured 2.5x2.3x1 cm, totally embedded.

MICROSCOPIC:

Submitted material is dominantly formed of unremarkable lamellar bone and cartilaginous tissue separated by normocellular bone marrow for age. Few foci showing focal involvement of bone marrow by atypical round cells exhibiting eccentric nuclei, coarse chromatin, and moderate amounts of amphophilic cytoplasm. Picture is suspicious of malignancy, possibly plasma cell myeloma.

DIAGNOSIS:

D5-6 vertebral lesion, biopsy:

- Bone marrow with few atypical round cells infiltrate, suspicious of malignancy.
- Recommended for definitive typing by a trial at marker study before considering rebiopsy.

COMMENT:

Due to scarcity of the atypical cells, immunostaining could be of no value. However, a trial at marker study (CD138, MUM1, CD20, CK, Synaptophysin) may be attempted before considering more abundant rebiopsy.

Pathologist

Prof. Dr. Neveen Tahoun, MD, PhD
07-05-2026

Nerveen Tahoun