

Pt. Name:	علي أحمد قاسم بخاش		Lab Number:	0635-2026	
Pt. Age:	50 years.	Gender:	Male	Received date:	2025-12-30
Referred By:	د/ عمار قداري		Reported date:	2026-02-03	

PATHOLOGY REPORT

Clinical Information.	Pelvic CT scan: lower L1-L2 vertebrae sclerotic destructive bone changes with bilateral paravertebral mild enhanced wall retroperitoneal focal mass lesion measuring about 89 x57 mm in diameter extended posteriorly involving spinal canal Suspected of aggressive spondylodiscitis less likely TB.
Nature of specimen.	Vertebrae biopsy.

GROSS:

Bone fragments collectively measured 3.3x3x1 cm, totally embedded.

MICROSCOPIC:

Sections show fragments of fibrocartilaginous tissue (intervertebral disc material) displaying severe degenerative changes. The cartilaginous matrix is fragmented and fibrillated, with areas of granular eosinophilic degeneration. The chondrocytes exhibit reactive changes, including clustering (chondrone formation/cloning), while other areas show empty lacunae (ghost cells) indicating necrosis. There is abundant necrotic debris and granular basophilic material disrupting the cartilage architecture together with focal dense infiltration by many neutrophils, cell debris, lymphocytes, plasma cells and histocytes. No evidence of specific granulomas. No evidence of atypia or malignancy.

DIAGNOSIS:

Intervertebral disc, biopsy:

- Degenerated disc material with suppurative spondylodiscitis.
- Negative for malignancy.

Pathologist

Prof. Dr. Neveen Tahoun, MD, PhD
03-02-2026

Nerveen Tahoun