

Pt. Name:	محمد بليهي محمد افحص	Lab Number:	0222-2026
Pt. Age:	27 years.	Gender:	Male
Received date:		Reported date:	2026-01-13
Referred By:	د/نبيل عباد	Reported date:	2026-01-17

PATHOLOGY REPORT

Clinical Information.	Pleural effusion. Pleural fluid sample and visceral pleural tissue biopsies were received.
Nature of specimen.	Tissue biopsy and pleural fluid cytology.

GROSS:

Three containers were received:

1. Soft tissue fragments collectively measured 11x9.5x1.7 cm, with the largest measuring 5.5x5x1.7 cm.
2. One soft tissue fragment measured 4x3.5x0.5 cm.
3. 3 ml bloody fluid, from which 2 smears were prepared and stained.

MICROSCOPIC:

- Sections from the pleural biopsy show pleural tissue involved by multiple well-formed granulomas composed predominantly of epithelioid histiocytes, admixed with scattered Langhan's-type multinucleated giant cells. Several granulomas exhibit central amorphous eosinophilic necrosis consistent with caseation. A surrounding rim of lymphocytes is present, with focal fibroblastic response at the periphery. No evidence of malignancy.
- Preparations are hemorrhagic and show a moderate number of small lymphocytes with few reactive mesothelial cells. No evidence of atypical or malignant cells.

DIAGNOSIS:

Pleura, biopsy:

- Caseating granulomatous inflammation, consistent with tuberculous pleuritis.
- Recommended for confirmatory further studies to establish the etiology.

Pleural fluid cytology:

- Hemorrhagic and moderate lymphocytic, negative for malignant cells.

COMMENT:

Confirmation of this etiology by microbiological studies, molecular studies and skin testing is recommended.

Pathologist

Prof. Dr. Neveen Tahoun, MD, PhD
17-01-2026

Nereen Tahoun

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