

Pt. Name:	فاطمة محمد احمد شالت	Lab Number:	C0706-2026
Pt. Age:	54 years.	Gender:	Female
Received date:		Reported date:	2026-02-01
Referred By:	م / دمشق	Reported date:	2026-02-02

PATHOLOGY REPORT

Clinical Information.	Pleural effusion
Nature of specimen.	Pleural fluid.

GROSS:

Two smears were prepared and stained from submitted 10 ml yellow fluid with pus.

MICROSCOPIC:

Preparations show a moderate number of small lymphocytes and neutrophils admixed with many variable sized sheets and clusters of hyperplastic mesothelial cells, some exhibiting moderate atypia. Other scattered small clusters and separate formed of cells showing irregular hyperchromatic nuclei and abundant vacuolated cytoplasm are also seen. Such cytological features may produce by atypical mesothelial cells hyperplasia, epithelioid mesothelioma or metastatic adenocarcinoma.

DIAGNOSIS:

Pleural fluid, cytology:

- Suspicious atypical cells, uncertain of mesothelial or epithelial nature.
- (Category IV according to The International System for Reporting Serous Fluid Cytology, ISRSFC).
- Recommended for further studies (see comment).

COMMENT:

Correlation with radiological findings (to ensure or exclude the presence of pleural mass lesion) as well as careful metastatic work-up (especially of lungs and breasts) are all advised to establish a final diagnosis.

Pathologist

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

Nerveen Tahoun