

Pt. Name:	نعائم ناصر علي السنباني		Lab Number:	C1632-2026	
Pt. Age:	65 years.	Gender:	Female	Received date:	2026-03-14
Referred By:	م / المجد		Reported date:	2026-03-16	

### PATHOLOGY REPORT

Clinical Information.	Pleural effusion.
Nature of specimen.	Pleural fluid for cytology examination.

#### GROSS:

One smear was prepared and stained from submitted 10 ml orange colored fluid.

#### MICROSCOPIC:

Smear shows a moderate number of small lymphocytes admixed with many clusters and dissociated forms formed of cells showing irregular hyperchromatic nuclei and eosinophilic cytoplasm. Such cytological features may produce by atypical mesothelial cells hyperplasia, epithelioid mesothelioma or metastatic adenocarcinoma.

#### DIAGNOSIS:

##### Pleural fluid, cytology:

- Suspicious 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  
16-03-2026

*Nerveen Tahoun*