

<b>Pt. Name:</b>	سمر أحمد يحيى النهاري		<b>Lab Number:</b>	C1482-2026	
<b>Pt. Age:</b>	34 years.	<b>Gender:</b>	Female	<b>Received date:</b>	2026-03-06
<b>Referred By:</b>	د/ هبة السنباني		<b>Reported date:</b>	2026-03-08	

### PATHOLOGY REPORT

<b>Clinical Information.</b>	Known history of metastatic breast cancer presented with a cough, dyspnea, and bicytopenia, and has been diagnosed with bronchopneumonia and a right pleural effusion requiring diagnostic and therapeutic thoracocentesis.
<b>Nature of specimen.</b>	Pleural fluid for cytology

#### GROSS:

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

#### MICROSCOPIC:

Smear shows many papillary and clusters of malignant epithelial looking cells with hyperchromatic nuclei exhibiting moderate anaplasia. Some cells shows intracytoplasmic vacuoles. Background shows a moderate number of mature small lymphocytes and neutrophils with reactive mesothelial cells. According to The International System for Reporting Serous Fluid Cytology (ISRSFC); this is Category V.

#### DIAGNOSIS:

##### Pleural fluid, cytology:

- Positive for malignant clusters, consistent with metastatic recurrence of breast ductal carcinoma.
- (Category V according to The International System for Reporting Serous Fluid Cytology, ISRSFC).

**Pathologist**

**Prof. Dr. Neveen Tahoun, MD, PhD**  
**08-03-2026**

*Nerveen Tahoun*