

<b>Pt. Name:</b>	غصون مهدي قايد البدجي		<b>Lab Number:</b>	3310-2026	
<b>Pt. Age:</b>	50 years.	<b>Gender:</b>	Female	<b>Received date:</b>	2026-05-13
<b>Referred By:</b>	د/ هاني عبد الحبيب		<b>Reported date:</b>	2026-05-17	

## PATHOLOGY REPORT

<b>Clinical Information.</b>	Cancer ovary with peritoneal carcinomatosis.
<b>Nature of specimen.</b>	Biopsy

### GROSS:

Two biopsies were received:

- 1- Lymph nodes biopsy from mesentery: two soft tissue fragments collectively measured 0.4x0.3x0.3 cm, totally embedded.
- 2- Fat biopsy from colon: fatty soft tissue fragments collectively measured 1.8x1.5x0.7 cm, totally embedded.

### MICROSCOPIC:

Malignant epithelial tumor infiltrating mature adipose tissue in both biopsies with no evidence of lymphoid architecture. The tumor displays solid, nested, and prominent micropapillary growth patterns embedded within a dense desmoplastic stroma containing focal calcifications. The tumor cells exhibit severe nuclear pleomorphism, high nuclear-to-cytoplasmic ratios, and frequent mitotic activity. Immunohistochemical correlation using **PAX8, WT1, CK7, SATB2 and CDX2** is recommended to confirm Müllerian lineage and definitively exclude a gastrointestinal primary.

### DIAGNOSIS:

#### Mesentery and colonic fat, biopsy:

- Metastatic adenocarcinoma favouring a Müllerian primary origin, recommended for marker confirmation.
- No lymph node structures are identified.

**Pathologist**

**Prof. Dr. Neveen Tahoun, MD, PhD**  
**17-05-2026**

*Nerveen Tahoun*