

Pt. Name:	علي ياسين زيد محمد		Lab Number:	1568-2026	
Pt. Age:	50 years.	Gender:	Male	Received date:	2026-03-11
Referred By:	o.p		Reported date:	2026-03-12	

PATHOLOGY REPORT

Clinical Information.	Intestinal obstruction.
Nature of specimen.	Segmental resection with omentectomy

GROSS:

- Three specimens were received :

1- Labeled as intestinal mass: The specimen consists of a segment of small bowel measuring 12.5 cm long, with attached mesenteric fat measuring 7 x 2.5 cm. On opening, a polypoid mass is identified, measuring 2.5 x 2 x 2 cm. The mass is located 6 cm from the proximal surgical margin and 4 cm from the distal surgical margin. The mesenteric fat is dissected, yielding five (5) lymph nodes, the largest of which measures 0.4 cm in maximum dimension.

2- Labeled as metastases from omentum: fatty tissue measuring 1.9x1.5x1 cm, totally embedded.

3- Fluid from abdominal cavity: 10 ml yellowish fluid, from which one smear was prepared and stained.

MICROSCOPIC:

Tumor Type: POORLY DIFFERENTIATED ADENOCARCINOMA.

- **Histologic Grade: G3 (High grade).**
- **Tumor Extension:** Tumor invades through the muscularis propria into the **subserosal/mesenteric fat.**
- **Margins:** Proximal and distal Margins: **Negative** for malignancy.
- **Lymph Nodes:**Total number of lymph nodes identified: **Five (5).**
- Number of lymph nodes positive for metastasis: **Five (5).**
- Nodal Features: Presence of **capsular infiltration** and **extranodal extension (ENE).**
- **Additional Sites:**Omental Fat: **Positive** for metastatic adenocarcinoma.
- Abdominal Fluid (Peritoneal Washings/Ascitic Fluid): **Positive** for malignant cells (Cytology).
- **Pathologic Staging (AJCC 8th Ed.):**?Primary Tumor (pT): **pT3** (Invades through muscularis propria into subserosa).
- Regional Lymph Nodes (pN): **pN2** (Metastasis in 3 or more regional lymph nodes).
- Distant Metastasis (pM): **pM1** (Metastasis to omentum and positive peritoneal cytology).
- **Final Stage Grouping: Stage IV.**

DIAGNOSIS:

SMALL INTESTINE, RESECTION:

Poorly differentiated adenocarcinoma, grade 3 (HIGH GRADE).

- Tumor extends into mesenteric fat.
- Five out of five (5/5) regional lymph nodes positive for metastasis with extranodal extension.
- Omental tissue positive for metastatic adenocarcinoma.
- Abdominal fluid cytology positive for malignant cells.
- Surgical margins (proximal and distal) are negative for malignancy.

Pathologist

**Prof. Dr. Neveen Tahoun, MD, PhD
12-03-2026**

Nerveen Tahoun