

Pt. Name:	زينب عبده محمد مضاربة		Lab Number:	1069-2026	
Pt. Age:	60 years.	Gender:	Female	Received date:	2026-02-13
Referred By:	د/ محمد الزبدي		Reported date:	2026-02-21	

PATHOLOGY REPORT

Clinical Information.	Gastric outlet obstruction.
Nature of specimen.	Subtotal gastrectomy with D2 lymphadenectomy.

GROSS:

Subtotal gastrectomy specimen measuring 10.5 cm along the greater curvature and 4.5 cm along the lesser curvature, with a proximal circumference of 4 cm and a distal circumference of 3 cm. Attached omental tissue measuring 25 x 15 x 2 cm showing four firm nodular masses, the largest measuring 1 cm. On opening, there is an ulcerated solid firm irregular mass measuring 8x5x3.5 cm. The mass infiltrated through the full thickness of the gastric wall into the subserosal and perigastric region. The mass is located 7 cm from proximal margin and reaching to distal resection margin. ?Twelve lymph nodes were dissected from the fat along the lesser and greater curvatures, the largest measuring 1.7 cm in maximum dimension. The omentum contained

- **Specimen Type:** subtotal gastrectomy.
- **Tumor Size:** 8 cm (axial length) x 3.5 cm (depth).
- **Depth of Invasion:** Full thickness into subserosa and perigastric tissue; focal serosal involvement.
- **Margins:** Uninvolved proximal margin, clearance is 7 cm.
- **Distal margin is involved by tumor.**
- **Total Lymph Nodes:** 12.
- **Other Findings:** Four nodular masses in the omentum (largest 1.7 cm).

MICROSCOPIC:

tumor summary:

- **Specimen:** subtotal gastrectomy.
- **Tumor Size:** 8 cm in greatest axial length x 3.5 cm in depth.
- **Histologic Type:** Adenocarcinoma.
- **Histologic Grade:** G3: Poorly differentiated.
- **Tumor Extension:** Tumor invades subserosa without involvement of visceral peritoneum (pT3).

Margins:

- **Proximal Margin:** Negative.
- **Distal Margin:** Positive.
- **Lymphovascular Invasion (LVI):** Present.
- **Perineural Invasion (PNI):** not identified.

- **Regional Lymph Nodes: Number of Lymph Nodes Involved:** 4, with focal capsular infiltration.
- **Number of Lymph Nodes Examined:** 17.
- **Other findings:** caseating granulomatous lymphadenitis.
- **Pathologic Stage Classification (AJCC 8th Edition): pT-Category:** pT3 (Tumor invades subserosa).
- **pN-Category:** pN2 (Metastasis in 3 to 6 regional lymph nodes) Mx.

DIAGNOSIS:

Subtotal gastrectomy:

- Poorly differentiated adenocarcinoma, grade 3.
- Proximal margin of excision is negative while distal one is positive.
- Lymph nodes are (4/17) positive for tumor metastasis.
- Stage pT3N2Mx.
- Associated caseating granulomatous lymphadenitis, suggestive of tuberculous etiology for further confirmation by microbiological studies.

Pathologist

Prof. Dr. Neveen Tahoun, MD, PhD
21-02-2026

Nerveen Tahoun

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