

Pt. Name:	محمد عبد الرقيب مرشد المساح		Lab Number:	0024-2026	
Pt. Age:	21 years.	Gender:	Male	Received date:	2026-01-01
Referred By:	أ.د/ عبد الفتاح التام		Reported date:	2026-01-07	

PATHOLOGY REPORT

Clinical Information.	Distal transverse colon mass.
Nature of specimen.	Transverse colectomy with ascitic fluid for cytology.

GROSS:

1- Transverse colectomy specimen 25 cm long On opening it showed a colonic ulcerative, and infiltrative firm tumor 2.5x2.5x2 cm. Tumor reaches to the pericolonic fat grossly. Tumor is 10.5 cm and 12 cm from near and far margins respectively. Twenty four regional lymph nodes were dissected, the largest measured 0.6 cm. Attached omentum 9.5x5 cm grossly free of tumors.

2- Two smears were prepared from submitted 10 ml red ascitic fluid.

PHOTOGRAPH

MICROSCOPIC:

(1) Specimen received: Bowel segment (segmental resection of transverse colon).

- Procedure: segmental resection.
- Tumor site: Transverse colon
- Tumor Type: Adenocarcinoma, gland forming
- Histologic Grade: 2 (moderately differentiated)
- Tumor Size: 2.5x2.5x2 cm
- Macroscopic tumor perforation: Absent.
- Tumor Configuration: Ulcerative, Fungating.
- Microscopic tumor extension: Tumor infiltrate reaching to pericolonic fat.
- Lymphatic Invasion: positive
- Perineural Invasion: positive
- Tumor Border: Infiltrating.
- Tumor budding score: present, Bd2
- Margins:
 - Proximal Margin: Free.
 - Distal Margin: Free.
- Pathologic Staging (pT3N0M):
 - Primary tumor (pT): pT3.
 - Regional lymph node: pN0.
- Number lymph node involved: 0.
- Number lymph node examined: 24.
- Distant metastasis (pM): pMx.
- Overall pathologic staging: [pT3,pN0,pMx].

- Additional Findings:

- Free omentum.

(2) Smears are hemorrhagic and show a moderate number of neutrophils and small lymphocytes with few reactive mesothelial cells. No evidence of atypical or malignant cells.

DIAGNOSIS:

(1) Transverse colectomy:

- Adenocarcinoma, gland forming, moderately differentiated.
- Lymph nodes free of metastases.
- Omentum free
- Stage: pT3N0Mx

(2) Ascitic fluid, cytology

Hemorrhagic with moderate inflammatory changes, negative for malignant cells.

Pathologist

Prof. Dr. Neveen Tahoun, MD, PhD
07-01-2026

Nerveen Tahoun