

<b>Pt. Name:</b>	ياسين عبد القوي عبد الله أنعم		<b>Lab Number:</b>	1699-2026	
<b>Pt. Age:</b>	30 years.	<b>Gender:</b>	Male	<b>Received date:</b>	2026-03-18
<b>Referred By:</b>	د/ عبد السلام الحكيمي		<b>Reported date:</b>	2026-03-26	

## PATHOLOGY REPORT

<b>Clinical Information.</b>	Intestinal obstruction due to rectosigmoid mass, previously diagnosed as adenocarcinoma (biopsy: Pathology number 1612-26)
<b>Nature of specimen.</b>	Rectosigmoidectomy.

### GROSS:

Rectosigmoidectomy specimen: colonic segment measuring 23 cm, with attached mesenteric fat measuring 8.5 x 5 cm. Upon opening, a solid, firm, greyish-white polypoid mass is identified, measuring 2.5 x 2 x 1.5 cm. The mass was located 17.5 cm from the proximal margin and 3 cm from the distal margin. Dissection of the mesenteric fat yielded eight lymph nodes, the largest of which measured 0.6 cm in its greatest dimension.

### MICROSCOPIC:

#### 1. TUMOR CHARACTERISTICS

- Histologic Type:** Adenocarcinoma.
- Histologic Grade:** Grade 2 (Moderately differentiated).
- Tumor Size:** 2.5 x 2 x 1.5 cm.
- Tumor Configuration:** Polypoid and solid.
- Tumor Extension:** Tumor invades through the muscularis propria into the subserosa/pericolic fat.
- Tumor Budding:** Moderate (Score 2).

#### 2. MARGINS

- Proximal Margin:** Uninvolved by invasive carcinoma (Distance: 17.5 cm).
- Distal Margin:** Uninvolved by invasive carcinoma (Distance: 3 cm).
- Radial (Circumferential) Margin:** Negative for invasive carcinoma.

#### 3. LYMPHOVASCULAR & NEURAL INVASION

- Lymphovascular Invasion (LVI):** Present.
- Perineural Invasion (PNI):** Present.

#### 4. LYMPH NODES

- Total Number of Nodes Examined:** 8.
- Number of Positive Nodes:** 1.
- Extracapsular Extension:** Focal capsular infiltration, but not through.

#### 5. PATHOLOGIC STAGING (AJCC 8th/9th Ed.)

- Primary Tumor (pT):** pT3 (Tumor invades through the muscularis propria into the pericorectal tissues).
- Regional Lymph Nodes (pN):** pN1a (One regional lymph node is positive).
- Distant Metastasis (pM):** Not applicable (Not assessed in this specimen).
- Anatomic Stage Group:** Stage IIIB (pT3, pN1a).

**DIAGNOSIS:**

Rectosigmoid mass, Resection:

- Adenocarcinoma, moderately differentiated (Grade 2), invading into pericolic fat (pT3); with lymphovascular invasion, perineural permeation, and one positive regional lymph node (1/8) showing focal capsular infiltration (pN1a); surgical margins negative.

*Pathologist*

Prof. Dr. Neveen Tahoun, MD, PhD  
26-03-2026

*Nerveen Tahoun*