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|---------------------|--------------------------------|----------------|-----------------------|-----------------------|------------|
| <b>Pt. Name:</b>    | إبراهيم محمد عبد الله السنحاني |                | <b>Lab Number:</b>    | 1533-2026             |            |
| <b>Pt. Age:</b>     | 47 years.                      | <b>Gender:</b> | Male                  | <b>Received date:</b> | 2026-03-07 |
| <b>Referred By:</b> | د/ عبد السلام الحكيمي          |                | <b>Reported date:</b> | 2026-03-15            |            |

## PATHOLOGY REPORT

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|------------------------------|--|
| <b>Clinical Information.</b> | Intestinal obstruction due to mass at the colonic hepatic flexure. |
| <b>Nature of specimen.</b>   | Rt. hemicolectomy.   |

### GROSS:

Received was a right hemicolectomy specimen consisting of a 5 x 2 cm segment of terminal ileum, a 25 x 2.5 cm segment of cecum and ascending colon, and an attached 7 x 0.6 cm appendix. Opening revealed a solid, firm, creamy-colored, annular ulcerated mass measuring 5.5 x 4 x 3.5 cm. The mass was located 13 cm from one resection margin and 9 cm from the other. The attached mesenteric fat measured 15 x 3.5 cm and contains 17 lymph nodes, the largest of which measured 1.3 cm in maximum dimension.

### MICROSCOPIC:

#### Tumor summary:

**Procedure:** Right hemicolectomy.

**Tumor site (anatomic location):** Ascending colon.

**Tumor focality:** Single.

**Tumor size (largest dimension):** 55 mm

**Histologic type:** Gland forming adenocarcinoma, with focal mucinous component.

**Grade:** 2.

**Depth of invasion:** 35 mm.

**Anatomic extent:** Invades pericolic fat (pT3)

#### **Margins:**

- Proximal margin: Negative.
- Distal margin: Negative.

**Lymphovascular invasion (LVI):** Present & extensive.

**Tumor deposits:** Present.

**Tumor budding:** moderate.

#### **Regional lymph nodes:**

- Number examined: 17
- Number positive: 14, with capsular invasion and extranodal extension.

**Residual tumor at primary site (R status):** R0.

pTNM stage: pT3N2Mx.

**DIAGNOSIS:**

**Ascending colon mass, Right hemicolectomy:**

- Adenocarcinoma, gland forming, grade 2, with focal mucinous component.
- Lymph nodes are (14/17) positive for metastatic deposits, with capsular invasion and extranodal extension.
- Margins are negative.
- pT3N2Mx

***Pathologist***

**Prof. Dr. Neveen Tahoun, MD, PhD  
15-03-2026**

*Nerveen Tahoun*