

Pt. Name:	دانة إبراهيم داهل مسعود		Lab Number:	2154-2026	
Pt. Age:	67 years.	Gender:	Male	Received date:	2026-04-09
Referred By:	د/ عمر بامشموس		Reported date:	2026-04-16	

## PATHOLOGY REPORT

Clinical Information.	Left colonic perforation due to diverticulitis.
Nature of specimen.	Left hemicolectomy

### GROSS:

Left hemicolectomy measuring 35 cm long, with attached mesenteric fat measuring 11 x 5 cm. Macroscopic examination showed no gross masses or ulceration; however, sectioning revealed a perforated area measuring 2 cm. No lymph nodes are identified within the mesenteric fat. Additionally, there is a separate piece of soft tissue, suspected to be a portion of the spleen, measuring 2.5 x 2 cm.

### MICROSCOPIC:

Sections show colonic wall with diverticular outpouchings of mucosa and submucosa through the muscularis propria. There is marked acute inflammatory infiltrate rich in neutrophils involving the diverticular wall and extending into the muscularis propria and surrounding pericolic fat. Areas of wall necrosis and microabscess formation are identified. A focal transmural defect is present, consistent with perforation, associated with extraluminal inflammatory exudate and fibrin deposition. The overlying mucosa shows focal ulceration and reactive changes. No dysplasia or malignancy is seen.

Sections from the spleen show preserved architecture with red pulp congestion. No focal lesions or atypical infiltrates are identified.

### DIAGNOSIS:

#### Lt. hemicolectomy:

- Acute diverticulitis with perforation, and congested spleen.

### Pathologist

Prof. Dr. Neveen Tahoun, MD, PhD  
16-04-2026

*Nerveen Tahoun*