

Pt. Name:	نشمي عبده يحيى محمد		Lab Number:	1921-2026	
Pt. Age:	1 years.	Gender:	Male	Received date:	2026-04-04
Referred By:	د/ فهمي اسماعيل		Reported date:	2026-04-10	

PATHOLOGY REPORT

Clinical Information.	Surgical resection of the sigmoid-rectal region.
Nature of specimen.	Segmental resection

GROSS:

Part of sigmoid colon measuring 4.5 x 1.5 x 1 cm, with attached mesenteric fat measuring 3.5 x 2 cm. Opening revealed no gross masses nor ulceration and representative sections were taken. Sectioning of the attached mesenteric fat revealed four lymph nodes, the largest of which measured 0.5 cm in maximum dimension.

MICROSCOPIC:

Intact colonic mucosa showing mild infiltration by lymphocytes and plasma cells. There is complete absence of ganglion cells of the submucosal (Meissner's) and myenteric (Auerbach's) nerve plexuses. Picture is consistent with aganglionic segment (Hirschsprung's disease). Margins are ganglionic. Lymph nodes show reactive follicular hyperplasia with sinus histiocytosis 0/4.

DIAGNOSIS:

Sigmoid, Biopsy:

- A ganglionic segment (Hirschsprung's disease).
- Margins are ganglionic.
- Reactive follicular lymphoid hyperplasia with sinus histiocytosis.
- Negative for malignancy

Pathologist

Prof. Dr. Neveen Tahoun, MD, PhD
10-04-2026

Nerveen Tahoun