

Pt. Name:	غيث محمد حسين دغار			Lab Number:	4787-2026
Pt. Age:	6 years.	Gender:	Male	Received date:	2026-07-07
Referred By:	د/ أحمد ابوطالب			Reported date:	2026-07-10

PATHOLOGY REPORT	
Clinical Information.	?Osteolytic skull mass.
Nature of specimen.	Biopsy

GROSS:

Soft tissue fragment measured 2.5x2x1 cm, showing brownish area measured 1.7x1.5 cm. Margins of excision ranged from 0.2 cm to 0.5 cm.

MICROSCOPIC:

Sections of calvarial bone and associated soft tissue show a sheet-like proliferation of histiocytes with abundant eosinophilic cytoplasm and characteristic grooved coffee-bean nuclei. The background contains numerous mature eosinophils, scattered lymphocytes, areas of hemorrhage, and reactive osteoclast-like multinucleated giant cells. The overall morphologic features are characteristic of Langerhans cell histiocytosis. Immunohistochemical confirmation is recommended, including CD1a, Langerin (CD207), and S100.

DIAGNOSIS:

Skull Mass, biopsy:

- Consistent with Langerhans cell histiocytosis (eosinophilic granuloma).
- Recommended for immunohistochemical confirmation.

Pathologist
Prof. Dr. Neveen Tahoun, MD, PhD
10-07-2026
Nerveen Tahoun