

Pt. Name:	أحمد عيدروس أحمد المضواحي			Lab Number:	4418-2026
Pt. Age:	46 years.	Gender:	Male	Received date:	2026-06-25
Referred By:	د/ نوفل الاشحب			Reported date:	2026-07-01

PATHOLOGY REPORT	
Clinical Information.	Well-defined cystic mass in the right cerebellum.
Nature of specimen.	Biopsy

GROSS:

Two sets of samples were received:
1- Soft tissue fragments collectively measured 2x1.7x0.7 cm, totally embedded.
2- Four unstained smears were received and pap stained.

MICROSCOPIC:

Most of fragments represent unremarkable cerebellar and glial tissue with only 3 fragments showing a highly vascular neoplasm characterized by a dense, intricate network of thin-walled, variably sized capillary channels often filled with red blood cells. Interspersed within this prominent vascular meshwork are nests and sheets of neoplastic stromal cells exhibiting abundant, clear to finely vacuolated, lipid-rich cytoplasm. The nuclei of these clear cells show mild to moderate pleomorphism, appearing round to oval and occasionally hyperchromatic. Additionally, areas of fresh hemorrhage, microcystic changes, and scattered hemosiderin-laden macrophages are present within the background stroma. Based on the prominent clear cell morphology paired with the rich capillary network located in the posterior fossa, the primary differential diagnosis is hemangioblastoma. To confirm this possibility marker study is needed (**Inhibin, D2-40, S100, GFAP, CK**).

DIAGNOSIS:

- Right cerebellar cystic mass:
- Consistent with hemangioblastoma (WHO Grade 1).
 - Recommended for confirmatory marker study.

Pathologist
Prof. Dr. Neveen Tahoun, MD, PhD
01-07-2026
Nerveen Tahoun