

Pt. Name:	سعد محمد صالح الوشر		Lab Number:	1944-2026	
Pt. Age:	26 years.	Gender:	Male	Received date:	2026-04-05
Referred By:	د/ علي إسماعيل الحوثي		Reported date:	2026-04-10	

PATHOLOGY REPORT

Clinical Information.	Large complex solid-cystic hemorrhagic mass in the posterior left frontal lobe causing moderate mass effect with a 6mm rightward midline shift, highly suggestive of a high-grade glioma or oligodendroglioma
Nature of specimen.	Brain biopsy.

GROSS:

Fragmented pieces of soft tissue measuring 6 x 5.5 x 1.5 cm in aggregate, including a largest piece measuring 3 x 2.5 x 1.5 cm

MICROSCOPIC:

Cellular astroglial tumor composed of sheets of atypical gemistocytes admixed with other areas showing tumor looks fibrillary composed of irregular short bundles of proliferating spindle cells with enlarged hyperchromatic nuclei. Tumor shows Wide areas of necrosis palisaded by radially arranged viable fibrillary cells. Tumor is vascular with evidence of endothelial proliferation (glomeruloid pattern). Mitosis is markedly active. Picture is consistent with glioblastoma WHO grade 4, progressing from WHO grade 2 gemistocytic astrocytoma. Confirmatory marker study (GFAP, IDH-1, EMA, CK and Ki-67) is recommended

DIAGNOSIS:

Left frontal intra-axial brain mass, biopsy:

- Consistent with Glioblastoma WHO grade IV, complicating pre-existing gemistocytic astrocytoma.
- Recommended for confirmatory marker study.

Pathologist

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

Nerveen Tahoun