

Pt. Name:	حزام عبد ربه عبد الخالق العباسي		Lab Number:	0507-2026	
Pt. Age:	70 years.	Gender:	Male	Received date:	2026-01-25
Referred By:	د/عمار قداري		Reported date:	2026-01-29	

PATHOLOGY REPORT

Clinical Information.	Brain MRI: Intra-axial space-occupying mass seen in the left temporal lobe associated with large vasogenic edema seen in the left temporo-parieto-occipital lobes. Findings are favoring if primarily neoplastic processes (particularly glioma) than metastasis.
Nature of specimen.	Biopsy

GROSS:

Soft tissue fragments collectively measured 2.8x2.5x0.6 cm, totally embedded.

MICROSCOPIC:

An astroglial tumor formed of proliferating atypical fibrillary astrocytes exhibiting mild to moderate anaplasia. Cellularity is moderate with focal increase in cellularity. However, obvious mitotic activity is not observed and no evidence of vascular or endothelial proliferation. No evidence of tumor necrosis in the examined blocks. However, in view of imaging findings and focal hypercellularity, marker study (GFAP, IDH1 and Ki67) is needed to exclude a higher grade tumor.

DIAGNOSIS:

Left intra-axial temporal lobe mass, biopsy:

- Diffuse astrocytoma, WHO grade II, with cellular areas.
- Recommended for maker study to exclude anaplastic transformation.

Pathologist

Prof. Dr. Neveen Tahoun, MD, PhD
29-01-2026

Nerveen Tahoun