

<b>Pt. Name:</b>	عبد الله محمد قائد الخباني		<b>Lab Number:</b>	2745-2026	
<b>Pt. Age:</b>	65 years.	<b>Gender:</b>	Male	<b>Received date:</b>	2026-04-28
<b>Referred By:</b>	د/ أحمد شملان		<b>Reported date:</b>	2026-05-03	

### PATHOLOGY REPORT

<b>Clinical Information.</b>	Referred blocks and slides for immunostaining and consultation of Rt. temporal lobe necrotic mass currently exhibiting progressive post-operative vasogenic edema and mass effect with midline shift on follow-up imaging.
<b>Nature of specimen.</b>	Immunohistochemistry.

#### GROSS:

Submitted are one referred paraffin blocks and 6 immunostained slides. Further immunostaining for IDH-1 was done at our lab.

#### MICROSCOPIC:

Tissue sections show a cellular astroglial tumor showing fibrillary stroma. Tumor is vascular with evidence of endothelial proliferation with glomeruloid bodies formation. Areas of necrosis are detected. This is a WHO grade 4 tumor. In many foci tumor shows anaplastic cells denoting progression from pre-existing anaplastic astrocytoma.

Review of immunostained slides and immunostaining done at our lab revealed: GFAP, vimentin are diffusely positive. EMA, IDH-1, CD34 and CK are negative. Ki-67 labeling index is about 70%

#### DIAGNOSIS:

Rt. temporal lobe necrotic mass, biopsy:

- Glioblastoma, IDH-wildtype (CNS WHO grade 4).

**Pathologist**

**Prof. Dr. Neveen Tahoun, MD, PhD**  
**03-05-2026**

*Nerveen Tahoun*