

Pt. Name:	نوال أحمد حسين الزنداني		Lab Number:	1614-2026	
Pt. Age:	35 years.	Gender:	Female	Received date:	2026-03-13
Referred By:	أ.د / محمد شمس الدين		Reported date:	2026-03-17	

PATHOLOGY REPORT

Clinical Information.	The patient presents with a ring-enhancing left frontal brain mass that intraoperatively appeared as a cystic lesion with surrounding yellowish-red edema and greenish-yellow, cheesy, caseation-like tissue.
Nature of specimen.	Biopsy and cytology.

GROSS:

Two samples were received:

- 1- Tissue biopsy: soft tissue fragments collectively measured 5.5x4.5x0.8 cm, totally embedded.
- 2- Aspiration cytology: One smear was prepared and stained from submitted 1 ml reddish fluid.

MICROSCOPIC:

Tissue sections show a cellular astroglial tumor formed of pleomorphic and dominantly multinucleated cells with separating fibrillary stroma. Tumor cells are seen arranged radially around foci of tumor necrosis. Tumor is vascular and there is focal evidence of endothelial proliferation with glomeruloid bodies formation. Cytology preparations show scattered atypical cells with irregular and hyperchromatic nuclei, arranged singly and in cohesive clusters. This is a WHO grade IV tumor.

DIAGNOSIS:

Left Frontal Brain Mass, biopsy and cytology:

- Glioblastoma, WHO Grade 4.

Pathologist

Prof. Dr. Neveen Tahoun, MD, PhD
17-03-2026

Nerveen Tahoun