

Pt. Name:	دلال معين عبد الله مذكور		Lab Number:	0469-2026	
Pt. Age:	14 years.	Gender:	Female	Received date:	2026-01-24
Referred By:	د/عمار قداري		Reported date:	2026-01-26	

PATHOLOGY REPORT

Clinical Information.	Intra-axial space occupying lesion in the area of 4th ventricle, we'll defined with cystic component. It shows post contrast enhancement with focal areas of restricted diffusion and focal dark foci of calcification. It expand 4th ventricle, compress midbrain and cerebellar hemispheres. ??? Ependymoma.
Nature of specimen.	Subtotal resection

GROSS:

Received multiple piece white-tan soft tissue pieces collectively measured 7.5x5.5x1 cm, the largest measuring 3x2.3x1 cm, totally embedded.

MICROSCOPIC:

A cellular and vascular malignant tumor composed of proliferating slightly elongated cells, focally arranged around blood vessels. Foci of necrosis are noted. Anaplasia is marked and mitosis is active. Picture is highly suggestive of embryonal tumor. However marker study is recommended for confirmation and to exclude other possible differential diagnosis of high grade glioma (Synaptophysin, Olig2, IDH-1, GFAP, EMA, S-100, INI1, Ki-67).

DIAGNOSIS:

Intra-axial 4th ventricular mass , excision biopsy:

- Consistent with high grade undifferentiated tumor, possibly embryonal or glial.
- Recommended for typing by marker study.

Pathologist

Prof. Dr. Neveen Tahoun, MD, PhD
26-01-2026

Nerveen Tahoun