

Pt. Name:	علي أحمد محمد النجيمي البعري		Lab Number:	0914-2026	
Pt. Age:	52 years.	Gender:	Male	Received date:	2026-02-09
Referred By:	د/ عمار قداري		Reported date:	2026-02-14	

## PATHOLOGY REPORT

Clinical Information.	Right Intra-axial cerebellar cyst with mural nodule.
Nature of specimen.	Biopsy and aspirated fluid for cytology

### GROSS:

Two samples were received :

- 1- Tissue biopsy: one soft tissue piece measured 3x2x1 cm, totally embedded.
- 2- Cyst Fluid for cytology: 10 ml yellowish fluid, from which one smear was prepared and stained.

### MICROSCOPIC:

- 1- A biphasic astroglial tumor with low to moderate cellularity of alternating loose and cellular areas. The loose areas are formed of multipolar cells with microcyst formation. The dense areas are formed of bipolar cells with elongated eosinophilic processes (Rosenthal fibers). Tumor shows many capillary and branching blood vessels but no evidence of endothelial proliferation. No evidence of tumor necrosis. No evidence of anaplasia or mitosis. This tumor is WHO grade 1.
- 2- Smear is markedly hypocellular showing scattered lymphocytes and plasma cells set in proteinaceous background.

### DIAGNOSIS:

Rit. Intra-axial cerebellar cyst with mural nodule:

- Pilocytic astrocytoma.
- CNS WHO grade 1.

Pathologist

Prof. Dr. Neveen Tahoun, MD, PhD  
14-02-2026

Nerveen Tahoun