

Pt. Name:	اسامه الذماري	Lab Number:	C3420-2026
Pt. Age:	Adult.	Gender:	Male
Received date:		Reported date:	2026-05-18
Referred By:	م / الفا		

PATHOLOGY REPORT

Clinical Information.	Brain abscess.
Nature of specimen.	Fluid for cytology

GROSS:

Two unstained smears were submitted and pap stained.

MICROSCOPIC:

Cytologic preparations reveal hypercellular smears featuring a prominent dual cell population of numerous polymorphonuclear neutrophils and abundant large, lipid-laden macrophages (gitter cells) with characteristic foamy cytoplasm and eccentric nuclei. The background displays extensive liquefactive necrosis, marked by free lipid vacuoles from myelin breakdown, amorphous proteinaceous material, and cellular debris. No cytologically malignant astrocytes, atypical pleomorphic cells, or tissue fragments indicative of a primary or metastatic neoplasm are identified.

DIAGNOSIS:

Brain abscess, aspiration cytology:

- Marked (suppurative) inflammatory changes.
- Negative for malignant cells.

Pathologist

Prof. Dr. Neveen Tahoun, MD, PhD
18-05-2026

Nerveen Tahoun