

Pt. Name:	بنت بنان حسن عبد الله المكرمي		Lab Number:	C0284-2026	
Pt. Age:	20 days	Gender:	Female	Received date:	2026-01-14
Referred By:	د/ عز الدين البريهي		Reported date:	2026-01-16	

PATHOLOGY REPORT

Clinical Information.	CSF for cytology. Known case of meningomeleocele and hydrocephalous.
Nature of specimen.	Cytology

GROSS:

Two smears were prepared from submitted 10 ml yellowish fluid and stained.

MICROSCOPIC:

The smears are markedly cellular and show a mixed inflammatory population, mainly neutrophils with scattered lymphocytes and monocytes. A few reactive macrophages are seen, some containing granular debris. Occasional ependymal cells are present, seen singly and in small groups, with bland nuclei and moderate pale cytoplasm. Rare reactive glial cells are also identified. No atypical or malignant cells are seen. No organisms are identified.

DIAGNOSIS:

Cerebrospinal fluid cytology:

- Marked (suppurative) inflammatory changes, in keeping with septic inflammation related to hydrocephalus in the setting of myelomeningocele.
- Negative for malignant cells.

Pathologist

Prof. Dr. Neveen Tahoun, MD, PhD
16-01-2026

Nerveen Tahoun