

Pt. Name:	محمد جميل الصماط	Lab Number:	2316-2026
Pt. Age:	Adult.	Gender:	Male
Received date:		Reported date:	2026-04-17
Referred By:	د/ حمزه سعيد المرسي		

## PATHOLOGY REPORT

Clinical Information.	A tissue specimen taken during the surgical repair of an Anterior Cruciate Ligament injury is being submitted for histopathological examination.
Nature of specimen.	Biopsy

### GROSS:

Two soft tissue fragments collectively measured 2.8x2x1.2 cm, totally embedded.

### MICROSCOPIC:

A diffuse synovial tumor composed of proliferating fibroblasts, histiocytic cells (some are hemosiderin-laden) and scattered few multinucleated giant cells of the osteoclastic type. There are occasional lymphocytes. This is the diffuse form of giant cell tumor (villonodular synovitis).

Due to fragmentation, margins of excision could not be assessed.

### DIAGNOSIS:

Tissue related to Anterior Cruciate Ligament, biopsy:

- Tenosynovial giant cell tumor, diffuse type (so called pigmented villonodular synovitis).
- Negative for malignancy.

### COMMENT:

Tenosynovial diffuse-type giant cell tumor is regarded as locally aggressive non-metastasizing neoplasm. It is often associated with high local recurrence rate (often multiple) specially if not completely excised. Recurrence rate for extraarticular cases is 33-50% and it is 18-46% for intraarticular cases. Recurrence rate is not correlated to any histological parameter and is only related to adequacy of surgical margins of excision.

Pathologist

Prof. Dr. Neveen Tahoun, MD, PhD  
17-04-2026

Nerveen Tahoun