

Pt. Name:	عتيقه احمد احمد العنسي		Lab Number:	0806-2026	
Pt. Age:	60 years	Gender:	Female	Received date:	2026-02-04
Referred By:	د/ نجيب قائد العزاني		Reported date:	2026-02-07	

PATHOLOGY REPORT

Clinical Information.	Axillary mass.
Nature of specimen.	Tru-cut biopsy.

GROSS:

Tissue cores up to 1.5 cm, long.

MICROSCOPIC:

Fibrofatty tissue cores infiltrated by malignant epithelial cells arranged in groups and cords, with focal glandular differentiation. The tumor exhibits moderate anaplasia and increased mitotic activity. The surrounding stroma demonstrates a mild desmoplastic response. No lymphoid tissue is identified in the examined material.

The histomorphologic features are consistent with a moderately differentiated adenocarcinoma (Grade 2). The primary site cannot be definitively determined, and the differential diagnosis includes a primary breast (tail of Spence) carcinoma versus metastatic adenocarcinoma involving axillary lymph nodes. Clinikoradiologic correlation, particularly with mammographic findings, is recommended, along with immunohistochemical studies (GATA3, TTF-1, ER, PR, CK7, and CK20).

DIAGNOSIS:

Axillary mass, Tru-cut biopsy:

- Moderately differentiated adenocarcinoma (Grade 2), involving fibrofatty tissue.
- Primary site indeterminate; differential diagnosis includes primary breast carcinoma (tail of Spence) versus metastatic adenocarcinoma to axillary lymph nodes.
- Correlation with imaging studies and immunohistochemical profiling is recommended.

Pathologist

Prof. Dr. Neveen Tahoun, MD, PhD
07-02-2026

Nerveen Tahoun