

Pt. Name:	صالحة محمد علي فاير	Lab Number:	1284-2026
Pt. Age:	60 years.	Gender:	Female
Received date:		Reported date:	2026-02-24
Referred By:	أ.د. / أنيس الجبري	Reported date:	2026-03-04

PATHOLOGY REPORT

Clinical Information.	Advanced thyroid cancer (suspected to be of the medullary type) with tracheal invasion.
Nature of specimen.	Total thyroidectomy.

GROSS:

Two specimens were received:

1- Thyroid gland both lobes with isthmus. + Right L.N.: Total thyroidectomy consisting of two thyroid lobes. The first lobe measures 5.5 x 3.3 x 2 cm and is almost entirely occupied by a grayish nodular mass measuring 5 x 3.2 cm. The second lobe measures 3 x 2.3 x 1.5 cm and contains a single grayish nodule measuring 1x 0.8 cm. Additionally, there are multiple separate grayish nodular masses, the largest of which measures 6 x 4x 2.5 cm and shows a grayish cut surface. Seven separate lymph nodes are identified, the largest of which measures 1 cm.

2- Left cervical L.N.: One fatty soft tissue entangling few lymph nodes largest is 0.8 cm.

MICROSCOPIC:

tumor summary:

- **Specimen:** Total thyroidectomy.
- **Tumor Type:** medullary thyroid carcinoma..
- **Greatest tumor dimension:** 5 cm.
- **Focality:** multifocal, number of foci: 2.
- **Anatomic tumor location:** Rt. and Lt. lobes.
- **State of thyroid capsule:** infiltrated.
- **Surgical clearance:** negative.
- **Lymphovascular invasion:** present .
- **Tumor necrosis:** present .
- **Number of submitted lymph nodes:** 18
- **Number of positive lymph nodes:** Rt. 8, Lt. 3, with focal capsular infiltration and extra-nodal soft tissue extension.
- **Pathologic stage:** pT2N1bMx.
- **Complete resection (R status) :** R0 (complete resection).

DIAGNOSIS:

Total thyroidectomy:

- Multifocal medullary thyroid. carcinoma
- Recommended for confirmatory marker study (calcitonin, chromogranin, CEA)
- Stage pT3N1bMx.

Pathologist

Prof. Dr. Neveen Tahoun, MD, PhD
04-03-2026

Nerveen Tahoun

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