

Pt. Name:	باريس علي صالح النديش		Lab Number:	0458-2026	
Pt. Age:	40 years.	Gender:	Female	Received date:	2026-01-23
Referred By:	د/ فضل القدسي		Reported date:	2026-01-28	

PATHOLOGY REPORT

Clinical Information.	Total thyroidectomy.
Nature of specimen.	Total thyroidectomy.

GROSS:

Total thyroidectomy specimen was received as two thyroid lobes, showing first lobe measuring 4.5x2x1.2 cm, second lobe measuring 3x1.7x1.2 cm. Serial sectioning revealed a rubbery nodule in the larger lobe measured 1.5x1 cm, grossly infiltrating capsule. Cut section of the second lobe was fleshy.

PHOTOGRAPH



MICROSCOPIC:

Sections from grossly detect nodule show an infiltrative malignant epithelial neoplasm composed of solid nests, trabeculae, and sheets of polygonal cells separated by fibrous stroma. Tumor cells exhibit moderate eosinophilic cytoplasm, distinct cell borders, and vesicular nuclei with conspicuous nucleoli. Focal lymphoplasmacytic infiltrates are present within the tumor stroma. No papillary architecture, psammoma bodies, keratin pearl formation, or intracytoplasmic mucin is identified. Definite thyroid follicular differentiation is absent. Tumor infiltrating thyroid capsule and extending to surrounding strap muscle. Picture of undifferentiated carcinoma. Immunohistochemical studies are recommended for diagnostic confirmation (CD5, P63, CK5/6, CD117, TTF-1, Thyroglobulin, Synaptophysin, HBME-1, CK19, Calcitonin & KI-67)

- Tumor type: Undifferentiated carcinoma.
- Tumor site: Thyroid lobe
- Lymphovascular invasion: Not identified
- Perineural invasion: Not identified.
- Extrathyroidal extension: Identified
- Margins: negative
- Regional lymph nodes: Not submitted

DIAGNOSIS:

Thyroid nodule, total thyroidectomy:

- Consistent with undifferentiated carcinoma.
- Recommended for typing by marker study.

Pathologist

**Prof. Dr. Neveen Tahoun, MD, PhD
28-01-2026**

Nerveen Tahoun