

Pt. Name:	سميرة علي محمد أحمد		Lab Number:	2543-2026	
Pt. Age:	56 years.	Gender:	Female	Received date:	2026-04-21
Referred By:	أ.د/ ياسر عبد ربة		Reported date:	2026-04-27	

PATHOLOGY REPORT

Clinical Information.	Anterior neck swelling more on right side, diagnosed as multinodular goiter.
Nature of specimen.	Total thyroidectomy.

GROSS:

Received is a total thyroidectomy specimen consisting of a right lobe, a left lobe, and an isthmus. The right lobe isthmus 5.5 x 4.5 x 3.5 cm, and sectioning revealed the parenchyma was almost entirely replaced by a grey nodule measuring 5 x 4 cm, with calcification in an area measured 1 cm. The left lobe measured 4 x 1.5 cm and exhibited a fleshy cut surface. The isthmus measured 1.5 x 1 cm.

MICROSCOPIC:

Thyroid gland shows nodular adenomatous hyperplasia. Nodules are variable in size and composed of small and large crowded follicles full of thick colloid and lined by mature epithelium. Sections from some of the nodules show compact microfollicles devoid of colloid and lined by cuboidal cells separated by delicate vascular stroma. In these follicles nuclei are vesicular and look active but no appreciable mitosis. Stroma shows mild fibrosis and show focal dense infiltration by lymphocytes amounting at the formation of lymphoid follicles with intact active germinal centers. Related follicles show degeneration but no evidence of oxyphil change of the follicular epithelium. No evidence of hyperfunction or malignancy.

DIAGNOSIS:

Thyroid gland, total thyroidectomy:

- Nodular adenomatous hyperplasia. .
- Associated lymphocytic thyroiditis.
- Negative for malignancy.

Pathologist

Prof. Dr. Neveen Tahoun, MD, PhD
27-04-2026

Nerveen Tahoun