

CASE 057

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CLINICAL PRESENTATION:

A 45 year old female presented with swelling in front of the neck since 8 months. The swelling moved with deglutition. The patient was euthyroid. On ultrasonography, a cystic lesion with irregular outline and increased vascularity was seen. The lesion was excised and sent for histopathology.

HISTOPATHOLOGICAL AND IMMUNOHISTOCHEMICAL FINDINGS:

Grossly, the nodular mass measured 5x3x3cm. Cut surface showed a cyst with papillary projections and brownish contents.

Microscopically, a cystic lesion revealing dense lymphoid component in the wall lined by columnar cells in papillary, follicular and cribriform pattern merging with solid areas showing morular features was seen. Nuclear features of papillary carcinoma of thyroid were absent.

On Immunohistochemistry, glandular cells showed immunoreactivity for TTF1 and PAX8 while squamoid cells stained for p40.

Synaptophysin and calcitonin were immunonegative.

On the basis of overall histologic and immunohistochemical findings, a diagnosis of Papillary thyroid carcinoma- cribriform morular variant was rendered.