Advances in Cytology and Small Biopsies

### Unusual Tumors of the Head and Neck

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### Unusual Tumors and Mimics of Malignancy in the Thyroid

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Benign	Low Risk	Malignant
Oncocytic adenoma	NIFTP	Oncocytic carcinoma
Papillary hyperplasia	Hyalinizing trabecular tumor	Cribriform morular thyroid carcinoma
FA with papillary architecture		Medullary thyroid carcinoma



# Case 1

- 70F with an enlarged thyroid associated with tracheal deviation
- Ultrasound demonstrated a 4 cm hypoechoic nodule with smooth margins and coarse calcifications















# 1. Papillary Carcinoma: Mimics and Diagnos. Considerations

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# 2. Oncocytic Neoplasia: Mimics and Diagnos Considerations

Follicular cell-derived	Non-follicular cell-derived
Thyroiditis (with oncocytic metaplasia)	Parathyroid tissue
Hyperplastic nodule	Medullary carcinoma
Non-oncocytic follicular neoplasm	Granular cell tumor
Papillary carcinoma	Metastasis

## 2. Oncocytic Neoplasia: Mimics and Diagnos Considerations

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Papillary carcinoma



























































