

CASE 056

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CLINICAL HISTORY:

A 68 year old man presented with nasal mass and blockage since 6 months to ENT clinic. Rhinoscopy and nasal endoscopy was performed and revealed a mass in the nasal cavity. A nasal polyp was suspected and biopsy was performed.

HISTOPATHOLOGY FINDINGS:

H&E examination of the specimen showed multiple fragments composed of a tumor with a uniform nuclear morphology, stippled chromatin and inconspicuous nucleoli and moderately abundant cytoplasm.

A differential diagnosis of pituitary adenoma, poorly differentiated carcinoma and PNET was considered.

Clinical details and radiology findings were asked for and hormone assays were advised

RADIOLOGIC & HORMONE ASSAY FINDINGS:

Computed tomography scan revealed sellar mass with extension into the nasal cavity and involvement of adjacent structures and vessels suggesting pituitary macro-adenoma.

Hormonal assay was carried out. Prolactin (PRL) level and thyroid profile were normal.