



UNIVERSITY COLLEGE HOSPITAL, IBADAN  
DEPARTMENT OF RADIOLOGY

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CLINIC: ENT

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DATE: 22/12/2023

AGE: 46 YEARS

SEX: MALE

**PARANASAL SINUS CT SCAN**

**INDICATION:** Post lateral rhinotomy for septal tumour excision 4 months ago. Now presents with anosmia and associated pain which radiates to the left orbit.

**COMPARISON IMAGE:** CT paranasal sinus done on the 8<sup>th</sup> of October 2023 which revealed a nasal septal tumor.

**TECHNIQUE:** Serial axial pre- and post-contrast images were obtained. Sagittal and coronal reformatted images were then generated.

**FINDINGS:**

There is an irregular heterogeneous soft tissue mass seen in the superior aspect of the nasal septum. It shows moderate enhancement post contrast administration. It measures 4.0cm x 3.1cm x 2.1cm (LS x AP x TS). This mass is seen to extend superiorly into the ethmoidal air cells with resultant destruction of the cribriform plate and orbital part of frontal bone forming the floor of the anterior cranial fossa; posteriorly to the opening of the sphenoidal sinuses; superiorly into the frontal sinus; medially it is seen encroaching into the medial wall of the right maxillary sinus. There is associated destruction of the medial walls of both maxillary sinuses, right osteomeatal complex, ethmoidal air cells, medial wall of the right orbit and some part of the crista galli.

There is non-visualization of the right inferior nasal concha- likely iatrogenic.

The visualized portions of both cerebral hemispheres, cerebellum, brainstem, and ventricular system appear within normal limits.

No intra cranial space occupying lesion, bleed, or area of unusual contrast enhancement.

Both orbits and their contents appear within normal limits.

Mucosal thickening of both maxillary and sphenoidal sinuses in keeping with chronic sinusitis.

Bone window images show no acute osseous abnormality.

**IMPRESSION:** Recurrent heterogeneous intranasal mass, likely malignant.

Compared to the paranasal sinus CT done on the 8<sup>th</sup> of October 2023; there is emergence of a moderately enhancing heterogeneous intranasal mass.

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