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**Original article:**

**Assessment of role of radiology in deciding the nature of nasal pathology and its extension**

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**Abstract:**

**Introduction:** The nose is the most prominent part of the face having aesthetic and functional significance. It is one of those few special organs of body invested with an aura of emotional and cultural significance. With this view present study was planned to assess role of radiology in confirmation of nasal pathology.

Materials and methods: The present study was carried out 112 patients in out patients and its patients of ENT department from rural medical college.

The cases belonged to various places in and around Loni, Dist.Ahmednagar and Dist. Nashik.

1. X-ray PNS to know the extent of the mass, any bony erosion and associated pathology.
2. X-ray skull lateral view for any soft tissue shadow in nasopharynx.
3. CT paranasal sinuses when ever required and to find out deeper invasion of mass which can not be assessed.

**Observations and results:** X-ray paranasal sinus Water's view is routinely employed for clear delineation of the maxillary antrum. X-ray paranasal sinus Caldwell's view offers the best view of the frontal sinuses and a fairly good visualization of the ethmoidal cells, with a partial superimposition of the ethmoidal sinuses. X-ray lateral view of nasopharynx was done if required to see nasopharyngeal extension of polyp.

**Conclusion:** From present study we may conclude that radiology plays the most important role in assessing and confirmation of nasal pathology.

**Keywords:** Nasal pathology, PNS