

CLINIC-PATHOLOGICAL PROFILE OF SINONASAL MASSES

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ABSTRACT

A wide majority of lesions in the nose and the paranasal sinuses present as polypoidal mass in the nasal cavity. The Inflammatory conditions, infections, chronic rhino sinusitis, benign lesions and even malignancies can also present as nasal polyps. Early stage of malignancies in the nose is often misdiagnosed inadvertently. This is because malignancies too present as mass in the nose that mimics benign lesions and often associated with chronic rhino sinusitis. The present study was undertaken to know the clinic-pathological profile of sinonasal masses. The study group included 102 patients with nasal polypoidal masses, all patients were subjected to detailed history and clinical examination. All necessary investigations were done at greater accuracy. The final diagnosis was made after the histopathological examination of the excised masses. Depending on the final diagnosis, all masses were divided into non-neoplastic and neoplastic groups. Total 102 patients who presented with nasal polypoidal masses, of which 89 turned out to be non-neoplastic lesions and 13 were neoplastic, study showed that non-neoplastic lesions are very more common than neoplastic lesions. The Male patients were more prone to the formation of lesions when compared with non-neoplastic lesions. The nasal polyps were formed eighty-one percent. The study can found that, there is a high chance of discrepancy between the clinical and histopathological diagnosis.

KEYWORDS: Nasal Polypoidal Masses, Polyps, Histopathology, Nasal Mass