Fibroma of Tonsil

J. P. Goravalingappa Prof. of pathology and Principal,
K. C. Mariyappa Prof. of ENT,
Sri Siddhartha Medical College, Agalkote, Tumkur 572 027

Abstract

Benign neoplasms of the tonsillar region are rare and these include haemangiomas, fibromas, lipomas and schwannomas (Friedmann I, 1986). True fibromas of oral cavity and oropharynxes are very rare (Waal I. V., Snow, G. B. 1993). Fibromas have been recorded in nasal cavity, pharynx and larynx (Fu Y. S., Perzin K. H. 1976), We report a case of fibroma of tonsil for its rarity.

A male patient aged 21 years presented to ENT clinic with a history of swelling in the right tonsil which he noticed 3 months back. There was no history of sore throat, fever, dysphagia, change of voice. There was no past history of tonsillitis. On examination of throat a pink polypoidal pedunculated mass was found arising from upper pole of the right tonsil, measuring 3 x 1 CMS. Swelling was firm on palpation. Remaining tonsillar tissue was normal. Left tonsil was normal. Patient was in good health. Routine investigations done were within normal limits. Unilateral tonsillectomy was done under local anaesthesia. Postoperative course was uneventful. Tonsil along with the growth was sent for histopathological examination.

Gross examination showed tonsil with attached pedunculated, firm growth with

Fig. 1. Shows spindle shaped benign tumour cells with collagn arising from tonsillar tissue. (H & E x 100)

smooth surface. cut section showed pedicle arising from tonsil. Cut section of the tumour was

homogenous, grayish. Microscopic examination of the growth showed spindle shaped Benign cells with collagen (Figure 1) arising from tonsil. Histopathological diagnosis of fibroma of tonsil was made.

Discussion

Benign tumours of the tonsillar region are rare and these include haemangiomas, fibromas, lipomas and schwannomas. Pure benign neoplasms of the fibrocyte are rare in any part of body. Fibroma is applied to certain pedunculated lesions containing fibrocytes. Fibromas of the upper respiratory tract are rare have been recorded in the nasal cavity, pharynx and larynx. These are usually polypoidal and contain mature fibrocytes.

The present case of pedunculated fibroma arising from tonsil is presented for its rarity.

References

1. Friedmann I. (1986) : *Neoplasms of the tonsillar region. Systemic pathology. churchil Livingstone. 173*
2. Fu, Y. S., Perzin, K. H. (1976) : *Nonepithelial tumours of the nasal cavity, paranasal sinuses and nasopharynx. Fibrous tissue tumours. Cancer 37 : 2912-2928.*
3. Waal I > V > and Snow G. B. (1993) : *otolaryngology. Head and Neck Surgery. Mosby Yearbook. 1238.*

With Best Compliments From :-

MOXY LABORATORIES PVT LTD

Makers of Quality Products Cepoxin DT 250 (Cepalaxin)
and
Droxicef 250 DT (Cefadroxil)