

## Pleomorphic Adenoma of Upper Lip in a Young Patient: A Rare Case

Chandragupta Acholiya<sup>1\*</sup>, Rashmi Agrawal<sup>2</sup>

<sup>1</sup>General Surgeon, <sup>2</sup>Dental Surgeon, PKV Hospital, Bijainagar, Rajasthan, India

### \*Corresponding Author:

Name: Dr. Chandragupta Acholiya

Email: [chanmedi@gmail.com](mailto:chanmedi@gmail.com)

**Abstract:** We are reporting a case of pleomorphic adenoma of upper lip, arising from minor salivary gland of upper lip in a young patients. A male patients 23 years old admitted in surgical ward for complaining of swelling upper lip since 1 year, which is non tender, firm in consistency, mobile and measuring 1x1 cm in size. It is completely excised under local anaesthesia and biopsy sent. Biopsy reveals it is a case of pleomorphic adenoma.

**Keywords:** Minor salivary gland, Pleomorphic adenoma, Upper lip.

### INTRODUCTION

Pleomorphic adenoma is of glandular origin in the head and neck [1]. Usually presenting as a mobile slowly growing, painless and firm swelling [2]. It can appear at any age and appear between the fifth and seventh decades of life. It mainly affects women [3]. Minor salivary glands are located in palate, upper & lower lips, gingiva, floor of mouth, cheek, tongue etc. Where it may give rise to inflammatory conditions, benign and malignant tumour [4].

The purpose of this article is to report a case of minor salivary gland tumors with characteristic clinical features and also to discuss rare site of this tumour.

### CASE REPORT

A 23 years male was admitted in Surgical Department at P.K.V. Hospital, Bijaingar with history of swelling over the upper lip for 1 year. Swelling was mobile, firm in consistency; 1 x 1 cm in size, excision was done under local anaesthesia and sent for biopsy. Biopsy report showed that is a case of pleomorphic adenoma.

**Gross feature:** The specimen comprising of single grey white soft tissue piece measuring 0.8 X 0.6 cm.

**Microscopic feature:** Pleomorphic adenoma



Fig. 1: Excision of the swelling



Fig. 2: Excised single grey white soft tissue piece

### DISCUSSION

Pleomorphic adenoma is the most common tumour of salivary gland. Parotid gland is the most common site, accounting for 75 % but also found in

submandibular and minor salivary gland (10 %) Among the minor salivary glands, most common site is hard palate and soft palatae, the lip is relatively rare site [5]. Although the pleomorphic adenoma is common in 5<sup>th</sup> \_7<sup>th</sup> decades of life but con occur in young age also.

#### **CONCLUSION**

Swelling in head and neck region can be a pleomorphic adenoma. Although the most common site is parotid gland but it can be arise from minor salivary glands. Among minor salivary glands, it commonly arises from hard palate and soft palate but it rarely arises from upper lip. So, it should be remembered that a swelling of upper lip can be a pleomorphic adenoma.

#### **REFERENCES**

1. Fernández JR, Micas MM, Tello FJ, Berjón J, Montalvo JJ, González GF *et al.*; Metastatic benign pleomorphic adenoma. Report of a case and review of the literature. *Med Oral Patol Oral Cir Bucal.*, 2008; 13(3):193-196.
2. Dalati T, Hussein MR; Juvenile pleomorphic adenoma of the cheek: a case report and review of literature. *Diagnostic Pathology*, 2009; 4(32):1-5
3. Vicente OP, Marqués NA, Aytés LB, Escoda CG; Minor salivary gland tumors: a clinicopathological study of 18 cases. *Med Oral P Patol Oral Cir Bucal.*, 2008; 13(9): 582-588.
4. Rosai J; Major & minor salivary glands. In Rosai and Ackerman's *Surgical Pathology*. Volume 2, 9<sup>th</sup> edition, Elsevier St. Louis: Mosby, 2004: 873.
5. Subhas CD, Adhyapok AK; Pleomorphic adenoma (Benign mixed tumor) of the minor salivary glands of the upper lip. *J Maxillofac Oral Sur.*, 2010; 9(2): 205-208.