

Rare oral soft tissue metastasis: An overview

Cinzia Casu and Maria Giulia Nosotti
President of AIRO RDH, Italy

Metastasis to the oral cavity is a rare event and constitutes 1% of all oral cavity malignancies. We would like to report the cases in the literature of rare oral soft tissue metastasis. We reported oral metastasis on the cheeks, on the lips, on the floor of the mouth, on soft palate and on the uvula. We had found only eight cases of oral metastasis on the lips searching on PubMed with the keywords “oral metastasis in lips”, “lip metastasis”. The primary malignant tumor that most frequently undergo metastasis at the labial level is certainly the renal tumor with five cases out of eight. In five cases the upper lip was affected, there was one case in which metastasis was present in both lips, and this is a very interesting data because the other malignant diseases are more frequent in the lower lip. We had found in Pubmed literature only seven cases of oral metastasis on the floor of the mouth with the keywords “oral metastasis in the floor of the mouth”, “floor of the mouth metastasis”; we found only five cases of oral metastasis on the cheek with keywords “oral metastasis on the cheek”. Oral lesion of 54 mm of maximum diameter was reported. We have searched cases of metastasis on the soft palate and on the uvula, with the key words “oral metastasis on soft palate” and “oral metastasis on uvula” and we have found respectively three and one (from the kidney) results. The malignant tumors that undergo metastasis at the soft palate were renal, bronchial and lung carcinomas. This overview underlines how this oral disease can sometimes be misunderstood, and the importance of regular checks in patients who already have a diagnosis of malignancy.

ORAL SITE INVOLVED	NUMBER OF CASES FOUND	PRIMARY SITE MOST INVOLVED
Lips	8	Kidney (5)
Floor of the mouth	7	Respiratory area (2), Liver (2)
Cheeks	5	Breast (1), Ovary (1), Kidney (1), Stomach (1), not reported (1)
Soft palate	3	Kidney (1), Lung (1), Bronchial area (1)
Uvula	1	Kidney (1)

Table 1. Oral metastases and Primary malignancies involved.

Recent Publications

1. Irani S (2016) Metastasis to the oral soft tissues: A review of 412 cases. *J Int Soc Prev Community Dent.* 6(5):393-401.
2. Irani S (2016) Pre-cancerous lesions in the oral and maxillofacial region: a literature review with special focus on etiopathogenesis. *Iran J Pathol.* 11(4):303-322.
3. Jatti D, Puri G, Aravinda K and Dheer D S (2015) An atypical metastasis of renal clear cell carcinoma to the upper lip: a case report. *J Oral Maxillofac Surg.* 73(2):371.e1-6.
4. Mintz S M and Radecki C (1988) Metastatic bronchial carcinoid tumor of the soft palate: report of a case. *J Oral Maxillofac Surg.* 46(6):516-8.
5. Lansigan N C Jr, Benisch B M and Sidoti J (1973) Renal carcinoma presenting as metastasis to uvula. *Urology.* 2(4):449-51.

Biography

Cinzia Casu has completed her Graduation in 2010. Currently, she is working at her Private Dental Practice in Cagliari, Italy. She had concluded a biennial Master's degree on Oral Surgery and Pathology at the University of Parma in 2015, and others courses of oral pathology. She is the author of several national and international articles and a monograph. She is the President of AIRO (Italian Academy of Oral Research). She is an Editorial Member of some international journals such as *Biology and Medicine Case Reports* and *Current Analysis on Dentistry*. She was a Speaker in Italian, European, and World congresses.

ginzia.85@hotmail.it