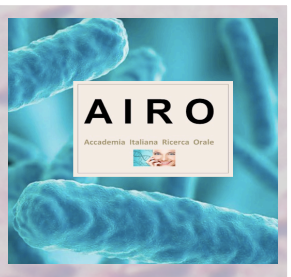
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Rare oral Soft Tissue Metastasis

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Introduction

Metastasis to the oral cavity is a rare event and constitutes 1% of all oral cavity malignancies. Oral cavity metastases are mostly observed in the jaws compared to the soft tissues, particularly in the posterior area of the mandible. The most recent review on the oral soft tissue metastasis reported that only 33% of oral metastatic lesions are seated in the soft tissues. In a period between 1937 and 2015, 412 oral soft tissue metastasis were documented in the literature, gum was the site most involved.

Materials and Methods

We reported rare oral soft tissue metastasis: on the cheeks, on the lips, on the floor of the mouth, on soft palate and on the uvula. We had search on PubMed Database with the following keywords "oral lip metastasis" "oral metastasis in the lips";"oral metastasis in the floor of the mouth", "floor of the mouth metastasis", " oral metastasis on soft palate" and "oral metastasis on uvula". Only article in English are included, in the last 30 years old.

Results

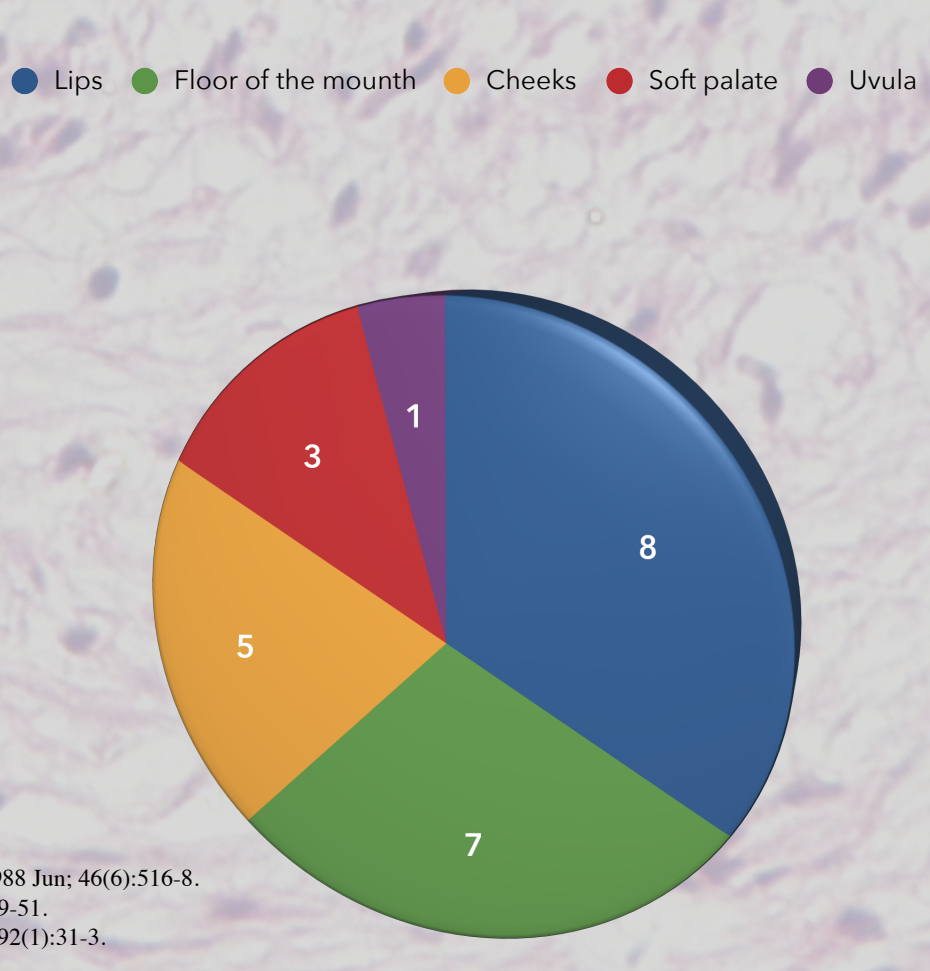
We found only 8 cases of oral metastasis on the lips. In 5 cases patients were male, and in 2 cases were female, in one case the gender and the age of the patient was not reported. The average age of the patient involved is 61,14 years old.The primary malignant tumor that most frequently metastases at the labial level is certainly the renal tumor with 5 cases out of 8. In 5 cases the upper lip was affected, there was 1 case in which metastasis was present in both lips, and this is a very interesting data because the other malignant disease are more frequent in the lower lip. We had found in Pubmed literature only 7 cases of oral metastasis on the floor of the mouth (5 patients were male and 2 female. The average age of those patients involved is 68,1 years); we found only 5 cases of oral metastasis on the cheek (The average age of those patients involved is 55,25 years, but in one case the age was not reported). Oral lesion of 54 mm of maximum diameter was reported. There are 3 cases of metastasis on soft palate and one on the uvula (from the kidney). The malignant tumors that metastases at the soft palate were renal, brochial and lung carcinoma. These results are summarized in the table 1.

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), Tyroid (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 metastasis and Primary malignancy involved.

Conclusion

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.



References

1. Irani S. Metastasis to the oral soft tissues: A review of 412 cases. J Int Soc Prev Community Dent. 2016 Sep-Oct; 6(5): 393–401.
2. Irani S. Pre-Cancerous Lesions in the Oral and Maxillofacial Region: A Literature Review with Special Focus on Etiopathogenesis. Iran J Pathol. 2016; 11(4): 303- 322
3. Kishore M, Chauan DS, Dogra S. Unusual presentation of renal cell carcinoma: A rare case report. J Lab Physicians. 2018 Apr-Jun;10(2):241-244.
4. Jain S, Kadian M, Khandelwal R, Agarwal U, Bhowmik KT. Buccal metastasis in a case of carcinoma breast: A rare case report with review of literature.Int J Surg Case Rep. 2013;4(4):406-8pub 2013Feb 8.
5. Kirke D, Horwood K, Wallwork B. Floor of mouth and tongue metastasis from malignant pleural mesothelioma. ANZ J Surg. 2010 Jul-Aug;80(7-8):556-8.
6 Ki-Bum Won, Jun-Hwa Song, Jeung-Woo Lee, Won-Chul Ha, Keon-Uk Park. Metastatic sarcomatoid carcinoma presenting as a pedunculated mass on the floor of the mouth. Korean J Intern Med 2015;30:547-549.
7 .Yukihiro Nakanishi, Bo Xu, Charles LeVea. Oral Floor and Gingival Metastasis of Cholangiocarcinoma: A Case Report and Review of the Literature. Case Reports in PathologyVolume 2014, Article ID 712912, 3 pages.
8. Mintz SM, Radecki C. Metastatic bronchial carcinoid tumor of the soft palate: report of a case. J Oral Maxillofac Surg. 1988 Jun; 46(6):516-8.
9. Lansigan NC Jr, Benisch BM, Sidoti JS. Renal carcinoma presenting as metastasis to uvula. Urology. 1973 Oct 4;2(4):449-51.
10. Piattelli A, Tamborrino F. Soft palate metastasis from a small cell carcinoma of the lung. Acta Stomatol Belg. 1995 Mar;92(1):31-3.
11. Menauer F, Issing WJ. Unusual metastasis of renal cell carcinoma. A case report with review of the literature. Laryngo Rhino Otol. 1998 Sep;77(9):525-7.