Importance of a timely diagnosis in oral squamous cell carcinome. Report of clinical case and review of the literature.

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Introduction

Oral squamous cell carcinoma (OSCC) is a malignant neoplasm, common between the 5th and 6th decade of life; associated with alcohol intake and smoking. 90% of the various types of cancer of the oral cavity are OSCC, affecting the male gender more. The signs and symptoms are diverse: pain, general malaise and lymphadenopathy; clinically it may appear white, erythematous, mixed and / or ulcerated. Treatment can range from partial or total surgical resection of the affected area, plus the placement of plates, grafts, chemotherapy and radiation therapy. We present a case of a female patient who attends the UNAM Oral and Maxillofacial Surgery clinic with a history of having several biopsies performed in which no conclusive results were found. Reason for which it is decided to take an incisional biopsy in order to define the pathology.

Timeline

2015 Onset of

current

illness

Incisional biopsy: no evidence of malignancy

2017/ January

2018 / May

Incisional biopsy:Bisphosphonate osteonecrosis vs. Mandibular tumor

2015

Incisional biopsy: no evidence of malignancy 2017 / February

Incisional biopsy: abscess

Objective

Report the relevance of a timely diagnosis in oral cavity cancer

Results

Well-differentiated oral squamous cell carcinoma.

Discusion

The patient presented cervical lymphadenopathy.

Initial alteration

Metastasis

Displasia

In situ Carcinome

Invasive Carcinome

1 year postoperative view



Conclusion

It is necessary to take a biopsy with adequate amounts and in a timely manner, in order to facilitate an early and favorable result.

Preoperative evaluation





- Exposed necrotic bone
- Radiolucent image of poorly defined, diffuse edges

Incisional biopsy





Microscopic view



Well differentiated, nests, cords, hyperchromatic nuclei, cellular and nuclear pleomorphism and aberrant mitoses.

Bibliography

Conflict of interest: The authors declare that they have no conflicts

 El-naggar A., Chan J., Grandis J., Takata T., Slootweg P. WHO classification of head and neck tumours.4 edition. France: IARC.2017
GLOBOCAN 2018: http://gco.larc.Fr/