



Squamous Cell Carcinoma- Uncontrolled Growth of Abnormal Cells

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Abstract

Carcinoma is word of fear for the person who was diagnosed by a Doctor. Squamous cell Carcinoma is the most common and variant oral malignancy found in the oral cavity. Existence of this type malignancy is approx. ninety percent around the world.

Keyword: *Carcinoma, Malignancy, Katihar Medical College, Al-Karim University.*

Introduction

The Squamous cell carcinoma (SCC) oral Cancer is the 6th most common cancer in the world and it mainly due to the tobacco chewing and panmasala.¹ The existence of oral squamous cell carcinoma is 90% around the world.² It is the most common malignant lesion of the oral cavity and tenth most common cause of death.³ In male the chances of intra oral malignancy increases with increase in age.^{4,5}

Case Report

A 51-year-old male was referred to dentistry department, Katihar medical college, Al-karim

University, Katihar, Bihar (India) for the evaluation of a painless right buccal mucosal mass with 3 to 4 months duration. The patient's past medical history indicated diabetes mellitus (fasting blood sugar = 280 mg/dl). He also refuses to take any use of alcohol and cigarettes. The patient was a businessman and had no other close relationship to harmful chemical or industrial substances. In the clinical examination of the left posterior buccal mucosa, a mass of irregular surface, was identified (figure 1a & figure 1b). The lesion had a soft-to-firm consistency. There was no evidence of the neck lymphadenopathy. An incisional biopsy was performed under local

anaesthesia. Microscopic sections of the lesion showed sheets of malignant squamous epithelium invading into the lamina propria. The epithelial cells showed pleomorphism, hyperchromatism and remarkable mitotic features without keratin pearl formation. (figure 2).



Figure: 1a

Figure 1b

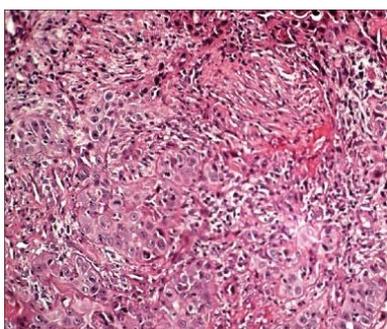


Figure 2

Discussion

The SCC is more in male rather in female. The prevalence of SCC is due to the poor oral hygiene of the oral cavity. Periodontitis is the main associated factor for the occurrence of SCC.⁶⁻⁸ Trauma, Dental filling less than idea, ill fitting denture, wide range of exposure (tobacco use, pan masala, cigarette), medical treatment such as radiation, hormone drug may contribute to etiological factor of SCC.

Conclusion

In this paper we found rare occurrence of squamous cell carcinoma in the lower left back region of jaw.

Consent

Patient was informed for the publication and written consent was taken from the patient.

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