Oral Presentations

XVI th ECDMFR

European Congress of DentoMaxilloFacial Radiology



Lucerne
Switzerland

www.ecdmfr.eu

13-16 June 2018

OP.16.05

RADIOLOGIC AND CLINICAL CHARACTERISTICS OF SQUAMOUS CELL CARCINOMAS

G. Unsal[1], I. Ozcan[1], H. Cakir Karabas[1], S. Goksel[1], A. Erturk[1], S. Isler[2], M. Soluk Tekkesin[3]
[1]Istanbul University, Department of Oral and Maxillofacial Radiology, Istanbul, TURKEY
[2]Istanbul University, Department of Oral and Maxillofacial Surgery, Istanbul, TURKEY
[3]Istanbul University, Institute of Oncology, Department of Tumor Pathology & Cytology, Istanbul, TURKEY

Aim
The aim of this presentation is to demonstrate the radiologic and clinical characteristics of Squamous Cell Carcinoma (SCC) with 6 cases.

Material and Methods
Clinical examinations were performed and CBCT images were taken from the patients whose orthopantomographic images had showed lesions localized in jaws. Biopsies were taken from all 6 patients.

Results
The ages of the patients ranged between 38-67 and the female:male ratio was 1:2. 5 lesions were seen in mandible while 1 lesion was localized in maxilla. Patients had ulcerated regions or swollen soft tissue masses which appeared as white and red patchy lesions. SCCs which caused bone destruction were characterized with peripherally ill-defined regions which lack cortication and sclerotic border. The histopathologic features of the lesions were compatible with the SCC.

Conclusion
Prolonged survival rates are achievable in early diagnosed malignancies; thus, dentists should be able to detect early clinical and radiologic findings of oral malignancies such as SCCs.