

Scientific day program
Day I
Saturday 6 February, 2016

10:00- 11:00 am

Opening ceremony

11:00-11:25 am

Influence of Surface Hydrophobicity on Microtensile Bond Strength of a One-Step Self-Etch Adhesive

Naeima M Betamar¹ B.D.S. MMS, Ph.D

11:30-11:55 am

The Prevalence of Inflammatory and Developmental Odontogenic Cysts in a Libyan Population

Orafi H. El Gehani R, Krishnan B

CAFÉ BREAK

12:30 - 12:55am

Interleukin-1 β (1L-1 β) level in chronic periodontitis patients

Prof. Salma Mahfoud Werfully, B.D.S. M. Dent.Sc. Ph. D

1:00 - 1:25pm

Histomorphometric and biomechanical analyses of Self-drilling Orthodontic Temporary anchorage devices (TADs)

Dr.Mahjud F. Mohamed

► **Oral medicine , oral pathology , oral diagnosis and radiology**

Presentations:

**Adenomatoid Odontogenic Tumor : A Case Report and Review
Cases From 1996-2014, Faculty Of Dentistry Benghazi**

* Khaled Shaikhi , Boshra A. Al said BDS , MSc , Azzam A. Sultan BDS , MPhil , Phd
Dept. of O. Med. , O. Path. , O. Diag. and Radiology , Faculty of Dentistry , University of
Benghazi - Libya

Abstract

Adenomatoid odontogenic tumor (AOT) is an uncommon benign tumor of odontogenic origin. It represents 3-7% of all odontogenic tumors and over 750 cases have been reported in the literature .WHO classified this neoplasm as benign epithelial odontogenic neoplasm . AOT tend to occur in younger patient ; most tumors are diagnosed in the first two decades of life . AOT has a striking tendency to occur in the anterior maxilla and females are more commonly affected than males . This paper aims to present both a case report of an AOT located in anterior maxilla as well as a review cases from 1996 to 2014 in faculty of dentistry . Benghazi - Libya . A 24-years-old female Libyan patient presented with a swelling in upper right anterior maxilla . Intra-oral examination showed painless expansion in the vestibular region of upper right central and lateral incisors associated with clinically missing upper right maxillary canine . Panoramic radiograph demonstrated well-defined radiolucency with the impacted maxillary canine .Surgical excision was performed . Microscopic examination reveals the presence of duct-like structures which consist of a central space surrounded by a layer of columnar or cuboidal epithelial cells . The nuclei of these cells tend to be polarized from the central space. The patient was diagnosed with AOT. The review of the cases of AOT during 18 years , showed 8 well-defined cases . The mean age was 19.3 years at the time of diagnosis . Most of the cases reported as painless swelling in the anterior region of maxilla with females predilection. Surgical excision was the treatment of choice.

Key words: Adenomatoid odontogenic tumor , Maxilla , Odontogenic tumor , Neoplasm .