



Impacted canines: Etiology, diagnosis and orthodontic management

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Abstract:

Impaction of maxillary and mandibular canines is a frequently encountered clinical problem, the treatment of which usually requires an interdisciplinary approach. Surgical exposure of the impacted tooth and the complex orthodontic mechanisms that are applied to align the tooth into the arch may lead to varying amounts of damage to the supporting structures of the tooth, not to mention the long treatment duration and the financial burden to the patient. Hence, it seems worthwhile to focus on the means of early diagnosis and interception of this clinical situation. In the presentation, an overview of the incidence and sequelae, as well as the surgical, periodontal, and orthodontic considerations in the management of impacted canines is presented. The management of impacted canines is important in terms of esthetics and function. Clinicians must formulate treatment plans that are in the best interest of the patient and they must be knowledgeable about the variety of treatment options. When patients are evaluated and treated properly, clinicians can reduce the frequency of ectopic eruption and subsequent impaction of the maxillary canine. This allows for complete control in efficient correction the impaction and for avoidance of damage to adjacent teeth. Careful selection of surgical and orthodontic techniques is essential for the successful alignment of impacted canines.

Biography:

Abu Hussein Muhamad is working as Dental Faculty at University of Athens 1998. He has completed his Master of Biostatistics, School Mathematics/Medicine, Athens, 2001. OBI, Roth/Williams Centre for Functional Oc-



clusion, He has 194 publications as author or co-author in peer-reviewed journals/book chapters. He has given 120 lectures and CE courses (Cleft lip/palate, Pediatric Dentistry) in many countries. He is active member in Professional Affiliations; International Association of Dentistry for the Handicapped, International Association of Dentistry for Children, American Academy of Pediatric Dentistry, European Academy of Pediatric Dentistry, Societa Italiana di odontoiatria infantile. He is a statistical consultant and collaborator on numerous research projects in the areas of Orthodontics, cell biology, pediatric dentistry, periodontology, endodontics and clinical trials of drugs and periodontal disease parameters experience with SAS, Excel, Cricket software, Adobe Photoshop, ImageProplus.

Publication of speakers:

1. Abu Hussein Muhamad et al. Ferric sulfate as pulpotomy agent in primary teeth: twenty month clinical follow-up. *Journal of Clinical Pediatric Dentistry*. 2000. 24 (2), 269-273.
2. Abu Hussein Muhamad et al. Congenitally Missing Lateral Incisor with Orthodontics, Bone Grafting and Single-Tooth Implant: A Case Report. *Journal of Dental and Medical Sciences*. 2015. 14 (4), 124-130.

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