

# 32<sup>nd</sup> Annual World Dentistry Summit

Aug 31-Sep 01, 2018 | Boston, USA



## *Kasumi Barouch*

*Imam Abdulrahman Alfaisal University, Saudi Arabia*

### **Periodontal considerations in orthodontic treatment**

It has been recognized that the closed attention on periodontal tissue must be given before, during and after the orthodontic treatment. One example would be Altered Passive Eruption (APE). APE is a distinguished clinical situation characterized by excessive gingival tissue covering beyond the enamel limits, appearing as a short clinical crown, which gives the impression of hidden teeth. APE often contributes to the appearance of a gummy smile or gingival smile and it is a well-known challenge in patients who require the aesthetic considerations in their treatment. Regardless of sufficient oral hygiene skill, patients with APE have a limitation to clean the entire crown surface, thus often experience discomfort in the gingival margin due to a chronic inflammation. It can be corrected with ease of periodontal surgery. Nevertheless, it is essential to make a correct differential diagnosis and optimal treatment plan (Francisco Alpiste-Ilueca 2011). It is reasonable to assess that there is a prone inflammatory response in the gingiva of the APE site. If the patients have a breach of the protective barrier i.e. the physiological abnormality, this can trigger a pro-inflammatory reaction via the introduction of bacteria. In this lecture we will focus on several clinical cases associated with orthodontic treatment and analyze the area of interests in periodontology.

### **Biography**

Kasumi Barouch graduated from Nippon Dental University in Tokyo, Japan. She has earned her Ph.D. in pharmacology from Tokai University Medical School and CAGS in Periodontology from Boston University dental school, where she was the director of postgraduate applied pharmacology and clinical assistant professor in periodontology. Presently, she works as a professor in Periodontology at Imam Abdulrahman Alfaisal University, Saudi Arabia. She gives talks and seminars especially in microsurgery internationally. She is an active member of the AAP and a diplomat of American Board of Periodontology. Outside of dentistry, she is a classical concert pianist and performs all over the world.

[kasumibrch@gmail.com](mailto:kasumibrch@gmail.com)

**Notes:**