

CLINICAL MANAGEMENT OF COMPLEX OPEN BITE CASES

How to succeed in treating Open Bite?

Nadine El Hajj Yaacoub, Abu Dhabi, UAE

Abstract

Introduction:

Open bite is defined as the absence of vertical overlap between the upper and lower incisors anteriorly, and between upper and lower premolars and molars laterally. The combination of skeletal, dental and functional factors contributes powerfully to its establishment and aggravation. The key to orthodontic treatment of open bite starts with an accurate diagnosis of the discrepancy. Treatment can start at early ages with an interceptive phase that can help preventing maxillo-facial surgery, which has been considered for a long time the most effective treatment to correcting open bite cases in adults. However, due to its many limitations and the arise of new technologies, such as mini-implants, orthodontic treatment of moderate to severe open bite has nowadays proven itself as a pragmatic alternative to surgery. The following presentation will discuss the comprehensive synergic treatment factors of dental and skeletal open bite in adults through correlated case reports, and will highlight the application of mini-implants in the treatment of anterior open bite cases in adults and discuss its long term stability

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