



Rahaf Alqadi

Ministry of health,
Saudi Arabia

Biography

Rahaf Alqadi, has completed her bachelor degree at the age of 22 years from King Abdulaziz University in Saudi Arabia and post-graduate studies from The Saudi Commission of Health Specialties. She is currently working at The Ministry of Health as senior registrar in pediatric dentistry. She has published around 4 papers in reputed journals.

Managing Class III Malocclusion

Abstract:

The British Standards definition of Class III incisor relationship includes those malocclusions where the lower incisor edge occludes anterior to the cingulum plateau of the upper incisors. Skeletal pattern, soft tissue or dental factors could be the etiology. The majority of class III incisor relationship are associated with an underlying class III skeletal relationship. Cephalometric studies have shown that class III malocclusions exhibit the following: Increased mandibular length leading to mandibular prognathism. A more retruded position of the maxilla leading to maxillary retrusion. Combination of both. While in soft tissue, In most Class III malocclusions do not play a major etiological role. In dental factors, Class III malocclusion is often associated with a narrow upper arch and a broad lower arch, with the result that crowding is seen more commonly in the upper arch than in the lower. Occlusal features for anterior crossbite of one or more of the incisors is a common features of class III malocclusions. As with any crossbite, it is essential to check for a displacement of the mandible on closure from a premature contact into maximal interdigitation. Another common feature of Class III malocclusions is buccal crossbite, which is usually due to a discrepancy in the relative width of the arches. Treatment options include, early orthopaedic treatment Aims to enhance or encourage maxillary growth and/or restrain or redirect mandibular growth. An example for this is using a protraction face mask which applies force to the maxilla through an appliance (either a removable splint or fixed appliance) attached to the teeth. In my presentation a case will be presenting using this technique.