

Webinar on

# DENTAL AND ORAL HEALTH

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## Treatment of Dental Class II Division 2 Malocclusion Associated with increased over jet and upper and lower crowding

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In patients with Class II malocclusions, there is an anteroposterior discrepancy between the maxillary and mandibular dentitions, which may or may not be accompanied with a skeletal discrepancy. Nowadays, there are several ways for class II treatment: maxillary first bicuspid extractions and the first or second mandibular bicuspid was chosen for treatment to reduce the overjet, allow proper inclination of the maxillary and mandibular incisors, achieve ideal Class I molar and canine relationships and to improve the patient's aesthetics and self-esteem.

**Case report:** male patient of 14 years and 4 months old presented with chief complaint of "Sticking out upper teeth and crooked lower teeth". Upon facial clinical examination, the patient presented a

mesofacial biotype with incompetent lips. His profile was convex with deficient chin projection. Intraorally, the patient exhibited upper and lower crowding, molar and canine class II relationship, considerably increased overjet as well as non-coincident dental midlines. The cephalometric diagnosis showed a skeletal class II due to maxillary protrusion. It was suggested an orthodontic-extraction treatment of upper first premolars and lower second premolars. During the treatment, ideal occlusal relationships were achieved in terms of canine classes, overbite, overjet, dental midlines and final detailing of the case. At the end of the treatment, the occlusion and facial harmony of the patient were improved and patient self-esteem was increased.

### Biography

Hisham Farawanah is a Consultant Orthodontist at Prince Sultan Medical Military City in Riyadh.