

## Non-surgical Treatment of Class III Malocclusion Via Distalization of the Mandibular Dentition

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Class III is one of the frequent types of malocclusion encountered in our clinics.

The treatment of Class III malocclusion in mixed dentition can be used to improve the skeletal imbalance. Orthopedic appliances such as chin-cup and face-mask can be used in mixed dentition Class III patients.

In permanent dentition, treatment options are limited. If a strong skeletal component co-exists with the Class III occlusal relationship, it is usually treated by comprehensive orthodontic treatment combined with orthognathic surgery.

In Class III malocclusion cases that can be treated by orthodontic treatment without surgery, it may be needed to distalize the lower molars. The orthodontic mini-implants which are implanted at the buccal area of the lower molars can deliver force to distalize lower molars effectively. As they are implanted nearly perpendicular to the occlusal plane, we can avoid the risk that the orthodontic mini-implant may touch the roots of the molars during distalization.

This lecture describes how to apply the orthodontic mini-implants to distalize the lower molars. And it shows the methods to improve the dental compensation of anterior teeth caused by the non-surgical Class III treatment.

### Profile

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