

24. EFFICIENCY OF THE CARRIER-MOTION APPLIANCE IN THE TREATMENT OF CLASS II MALOCCLUSION. CASE REPORT.



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Introduction. The Carrier Motion Appliance is a non-invasive device. It delivers a light, uniform force, moving and distalizing the whole canine to the molar segment as a unit and correcting the first molar rotation, before braces or aligners therapy. Treatment takes approximately six months and can improve the outcome of orthodontic therapy.

Case statement. Patient R.C. Age: 14 years old. Chief complaint: esthetic and functional disorder; profile: convex; normodivergent facial pattern; vertically growing chin; skeletal class II pattern; class II molar, canine relations; increased overjet; protruded and proclined upper incisors; proclined lower incisors; upper diastema d.11-21, spaces between d.11-12, d.12-13, d.22-23; lower diastema d. 31-41, spaces between d. 31-32, d.32-33, d.41-42, d. 42-43. Diagnosis: Angle Class II division 1 malocclusion. The first phase of treatment: molar and canine distalization with the Carrier Motion Appliance. Second phase: fixed bimaxillary orthodontic appliance.

Discussions. Using the Carrier Motion Appliance in the first phase of treatment of class II/1 malocclusion brings an undeniable benefit.

Conclusion. Upper first molars rotate into the correct position. Class I molar and cuspid relationships achieved. Overjet and overbite corrected. Total treatment time was greatly reduced.

Keywords. Carrier Motion Appliance, Class II Malocclusion, Distalization.