

A Simple and Effective Appliance for Class II Malocclusion Treatment

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Abstract

Background: Class II malocclusion dental or even skeletal is common in patients seeking orthodontic treatment. Maxillary protrusion, mandibular retrusion or the combination may contribute to develop a skeletal class II and affect facial appearance. Cases of mild skeletal discrepancy with an overall good profile can benefit from distalizing maxillary molars when there is no mandibular retrusion. Among several devices used is also Carriere Distalizer.

Aims: The aim of this short report was to evaluate treatment of class II malocclusion with Carriere Distalizer.

Methods: All patients in this study had moderate skeletal and class II dental malocclusion and a good profile. Diagnosis was performed by means

of cephalometric analysis, study models. They were all treated with Carriere Distalizer. Before starting the treatment, which consisted in applying class II intraoral elastics the anchorage in lower arch was achieved by means of lingual arch.

Results and Conclusion: Carriere Distalizer provides maxillary molars distalization, derotation and correction of class II relationship in a short time period with an average of 6 months. The standard edgewise treatment mechanics for class II correction uses intraoral class II elastics after initial alignment and leveling. For the levelling to be complete it may require, depending in the severity of crowding more than 12 months. Carriere Distalizer shortens

this time since intraoral class II elastics are used before leveling and alignment. Thus, the required collaboration of the patient is complete since it is the beginning of treatment and they are strongly motivated to see results.

Keywords: orthodonty, dental malocclusion treatment