

Comparison of Functional Orthopedic Treatment Results in growing individuals and Young Adults

Ahmad Rahhal

Cv:

Dr. Ahmad Rahhal was born in Bethlehem, Palestine 1973. He is an Associate Professor in the department of Orthodontics Faculty of Dentistry, Arab American University, Palestine. He graduated from Hacettepe University, Faculty of Dentistry obtaining his DDS degree in 1998 and received his PhD and specialty from Faculty of Dentistry, Department of Orthodontics, Gazi University-Turkiye. Dr. Rahhal is an associate prof. of orthodontics at the Arab American University-Palestine, and he is the owner of JAZ RAHHAL orthodontic center in Bethlehem. In 2019 he participated in the long course of biomechanics with Birte Melsen & Giorgio Fiorelli. He is a member of Arab Orthodontic Society, European Orthodontic Society, WFO, Palestinian Orthodontic Society & active member in BIOMEDE. He has a lot of international publications, and he was an invited speaker in many national and international orthodontic congresses. His academic interests include functional orthopedic treatment and biomechanics.

ABSTRACT:

Among all malocclusions, CLII contributes approximately 15%. The CLII malocclusion is used to describe the condition in which the mandibular first molars occlude distal to the normal relationship with the maxillary first molars. CLII can be further divided to dental and skeletal malocclusions. The effect of the functional treatment on growing patients is very well known. For young adult patients with skeletal class II malocclusion caused by mandibular deficiency two treatment options are available. The first option is combined surgical and orthodontic treatment, which lengthens the mandible anteriorly through mandibular sagittal split osteotomy; this, in turn, can correct the skeletal and soft tissue relationship. The second option is functional orthopedic treatment, which requires careful diagnosis, and treatment planning that takes into consideration esthetic, occlusal, and functional aspects. In this presentation I will describe and furnish the results of two groups of patients who were treated with removable functional appliance (Rahhal), one of the groups is growing patient with skeletal CLII and the other one is young adults (with less 1% growth potential) with skeletal CLII. Many clinical cases will be presented.

After this lecture, the orthodontist will be able to decide the best time for functional orthopedic treatment and to go to surgery or not in border line cases (ANB=7).

Ahmad Rahhal

DDS,DMD,PhD

Associate Professor of Orthodontics

Arab American University-Palestine

Email: plorahhal@hotmail.com

Ahmad.rahhal@aaup.edu

Mobile: +972599835157