

Dentistry & Oral Care

April 18-20, 2016 Dubai, UAE

A case report of growing skeletal class II treated with modified forsus fatigue resistance appliance

Serhat Mertoglu

Pamukkale University, Turkey

Growing skeletal class II malocclusions with mandibular deficiency have been treated for more than a century with different types of functional appliances. Removable or fixed functional appliances are available to advance the mandible. Functional orthopedic treatment seeks to correct malocclusions and harmonize the shape of the dental arch and orofacial functions. Removable functional appliances are normally very large in size, have unstable fixation, cause discomfort, exert pressure on the mucosa, reduce space for the tongue, cause difficulties in deglutition and speech and very often affect esthetic appearance. With a fixed appliance like the Forsus™ fatigue-resistant device (FRD), as the appliance is fixed, there is less dependence on patient compliance. Unlikely, you have to level the teeth and must use at least 16x22 or 17x25 stainless steel arches. It takes nearly 8 to 10 months, depends on crowded of teeth. Time is very important at functional orthopedic treatment. If the patient is in to pubertal peak, the functional treatment must be started as soon as possible. Our patient is in pubertal peak when we start the treatment. There was no time to straighten to teeth before functional orthopedic treatment. That is why in this case report, we designed that modified forsus fatigue resistance appliance as removable, to increase patient cooperation and success functional orthopedic treatment.

Biography

Serhat Mertoglu has completed his first education in Izmir, Turkey. He was graduated from Ege University Dental School in 2005. He worked as a general dentist in his own clinic until 2008. He completed his training in orthodontics in 2013 in Cumhuriyet University. Since 2014, he has been working as an orthodontist in Pamukkale University faculty of Dentistry.

ortodontist@gmail.com

Notes: