

Adult orthodontics: new myofunctional appliance system

By Dr. Chris Farrell

Many adults have poorly aligned teeth and would like orthodontic treatment. Some may already have had braces previously and have seen their teeth crowd up again. The majority of adult patients do not want to wear braces.

For more than 20 years, Myofunctional Research Co. (MRC) has developed orthodontic appliances to improve the dental and facial development of children using myofunctional orthodontic techniques.

The new MYOBRACE for Adults™ appliance system has been developed to cater to the increasing demand from adults wanting this form of treatment. The system is designed to correct orthodontic problems by assisting the treatment of the myofunctional causes and to simultaneously align the teeth.

The MYOBRACE for Adults is a series of appliances that incorporates many of MRC's proven appliance design principles, including features that correct poor oral habits, along with other newly adapted design characteristics specific to treating malocclusion in adults.

Although adult treatment is more limited in terms of the potential for growth, biological adaptability and the ability to change in comparison to treating children, the concept remains the same. Clinical tests have proven the system successful in correcting habits and improving dental alignment for adults.

The MYOBRACE for Adults is a three-phase appliance system that incorporates the myofunctional characteristics consistent in all MRC appliances. It includes features that correct poor oral habits and encourage correct tongue posture and breathing.

Using the force of the tongue indirectly expands the maxillary arch form. The appliances are also made in the ideal arch form to assist in the correction of natural arch development by applying light forces to the anterior teeth.

The system is designed to be used in sequence, with treatment ideally starting with the lighter, more flexible appliances combined with the Farrell Bent Wire System™ (BWS) and finishing with the harder final appliances used to achieve final alignment and retention. Using the BWS in combination with MYOBRACE for Adults appliances can improve treatment results and lessen treatment time.

By attending an MRC educational program, you can learn how to effectively incorporate these appli-

ances into your practice, delivering the best results for your patients, while maximizing your financial gain.

The majority of orthodontists can see the demand for a simple yet effective solution to treating malocclusion in adults. The demand for adult treatment is evident, and the MYOBRACE for Adults is the solution. [OT](#)



MYOBRACE for Adults A3™ appliance (Photo/Provided by Myofunctional Research Co.)

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