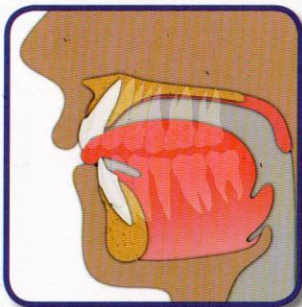


What causes orthodontic problems?

At 9-12 years of age, children are getting the remainder of their permanent teeth. Crowding and poor jaw alignment can become more severe as the adult face develops.



Habits such as mouth breathing, incorrect lip and tongue function (known as poor myofunctional habits) are the major causes of crooked teeth. These issues continue through to the permanent dentition - generally requiring complex orthodontic treatment. This is not the solution as braces and extractions do not resolve these problems and are best treated as soon as they are evident. It is still possible to simultaneously treat these myofunctional habits and align the newly erupting teeth so they can develop into their natural position.

Is orthodontics with braces the only treatment option?

Since 1989 *Myofunctional Research Co. (MRC)* have developed appliances that provide a more effective option for the growing child with orthodontic problems. The appliances are designed not only to straighten teeth, but also to treat the underlying causes of crooked teeth by correcting poor oral habits such as mouth breathing, tongue thrust and incorrect swallowing patterns.

Unlike traditional orthodontics, the primary goal of *MRC's* approach to treatment is to achieve straight teeth for life - often without the need for braces or retainers. Treating the causes of crooked teeth also improves general health and allows children to reach their maximum genetic potential.

Myobrace for Teens™

Myobrace for Teens™ is a four-stage appliance system designed specifically to correct poor oral habits while treating upper and lower jaw development problems. *Myobrace for Teens™* is most effective when the permanent teeth have come through and is designed to guide the erupting teeth into their natural position.

The appliances correct poor oral habits which are the cause of crooked teeth, while providing light forces to assist in expanding the upper jaw and aligning the teeth into their correct position.

Treatment considerations

Treatment time can differ depending on the biological adaptability of each patient. For a successful outcome the *Myobrace®* appliance must be used daily for 1-2 hours plus overnight while sleeping.

Regular monitoring by your dentist or orthodontist is essential for successful treatment and to avoid unwanted treatment complications.

Normal vs Crowded teeth

The function of the tongue, cheeks and lips determines tooth position. Correct facial growth depends on correct function and breathing patterns.



**CROWDED
UPPER ARCH**

**NORMAL
UPPER ARCH**

NOTE: TOOTH SIZE HAS NOT CHANGED

Myobrace for Teens™ design features



Dynamicore™ combined with individual tooth slots - provides excellent arch development and tooth alignment.

Tongue tag, guard and elevators - train the tongue to position properly.

Lip bumper - trains the lips.



This patient's severe crowding was successfully treated using *Myobrace®* treatment methods.