

How it works

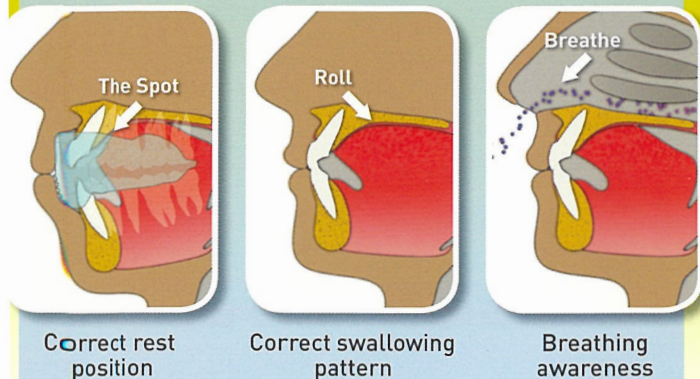
MRC has pioneered the use of appliances to correct myofunctional habits in growing children and has proven success in orthodontic correction without braces. This treatment can also lead to better facial development in growing children. The key to this treatment is correcting the position and function of the tongue, obtaining correct nose breathing and retraining the oral muscles to function correctly.

Myobrace® appliances effectively train the tongue to position correctly in the upper jaw, retrain oral musculature and exert light forces to align the teeth.

Goals of treatment:

- Lips together at all times except when speaking or eating.
- Breathe through the nose, to assist the development of the upper and lower jaws, and to achieve the correct bite.
- No lip activity when swallowing, which allows the front teeth to develop correctly.
- Improved dental alignment.
- Improved facial development.

For the *Myobrace*® to work, you must correct your poor myofunctional habits.



Correct rest position

Correct swallowing pattern

Breathing awareness

Other Myobrace® systems:



There are *Myobrace*® systems suitable for a range of patient ages and needs.

- *Myobrace*® for Kids ages 5 - 10
- *Myobrace*® for Teens ages 10 - 15
- *Myobrace*® for Adults ages 15+

Talk to your doctor today about *Myobrace*®, or visit www.myobrace.com.

myobrace®

For more information, visit www.myobrace.com
MYOBACE® BY MYOFUNCTIONAL RESEARCH CO.



**Straight teeth
the natural way.**



**Early treatment
can prevent the
need for braces.**

**AGES
3-5**



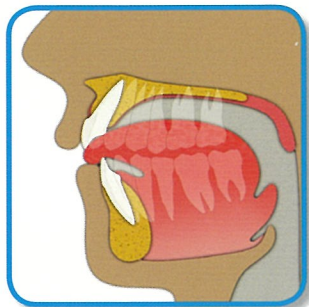
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What causes orthodontic problems?

From 2-5 years of age, children are growing most rapidly and can show signs of an incorrect bite and misaligned first teeth. Research shows that these early problems continue in the following stages of development and cause orthodontic problems to become more prominent as the permanent teeth develop.

Habits such as thumb sucking, prolonged pacifier use, tongue thrusting and mouth breathing (known as poor myofunctional habits) cause the jaws to incorrectly develop and the teeth to become crowded.

These habits can be corrected to prevent the requirement for complex orthodontic treatment when the permanent teeth are all present at ages 12-14 years.



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 naturally 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 Juniors

Myobrace® for Juniors is a three-stage appliance system designed specifically to correct poor oral habits while treating upper and lower jaw development problems. *Myobrace® for Juniors* is most effective in the primary dentition from as early as three years of age.

The appliances correct poor oral habits which are the cause of crooked teeth, while providing light forces to assist in expanding the upper jaw which will allow more space for the new permanent teeth to come through.

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.

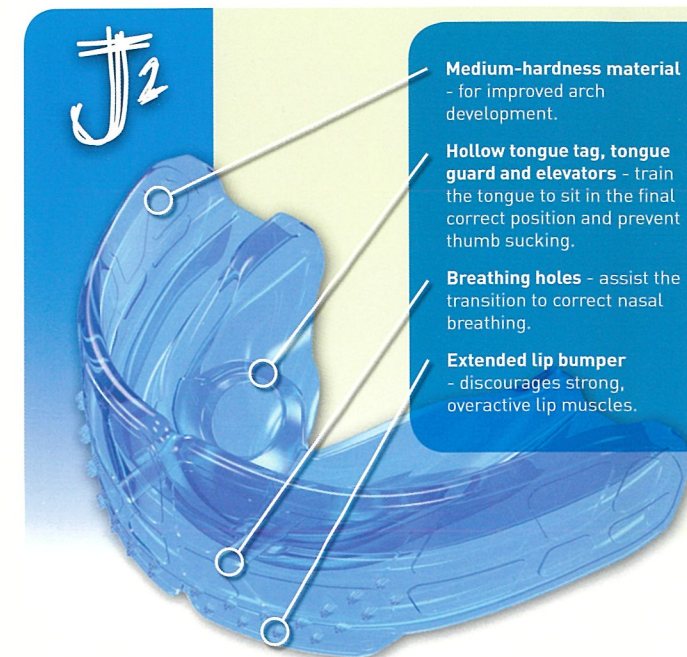


CROWDED
UPPER ARCH

NORMAL
UPPER ARCH

NOTE: TOOTH SIZE HAS NOT CHANGED

Myobrace® for Juniors design features



This patient's crooked teeth and open-bite was successfully treated using *Myobrace®* treatment methods.