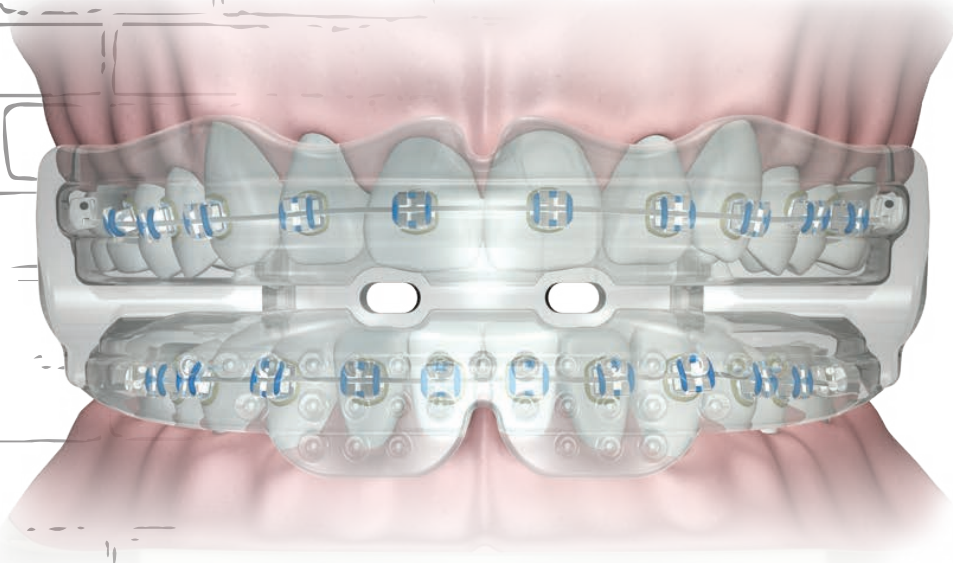


# myobrace®

Orthodontics  
with braces

Myobrace for Braces™  
for the permanent dentition in braces.



Improves effectiveness of orthodontic braces by correction of  
airway and neuromuscular dysfunction.

[www.myoresearch.com](http://www.myoresearch.com)

# myobrace®

## Myofunctional orthodontics

Over the last 25 years *Myofunctional Research Co (MRC)* has developed prefabricated appliances to correct habits such as mouth breathing, tongue thrusting and incorrect swallowing habits. These are used before, during and after fixed braces to improve the effectiveness of orthodontic treatment, particularly in difficult cases. Best used in early permanent dentition.

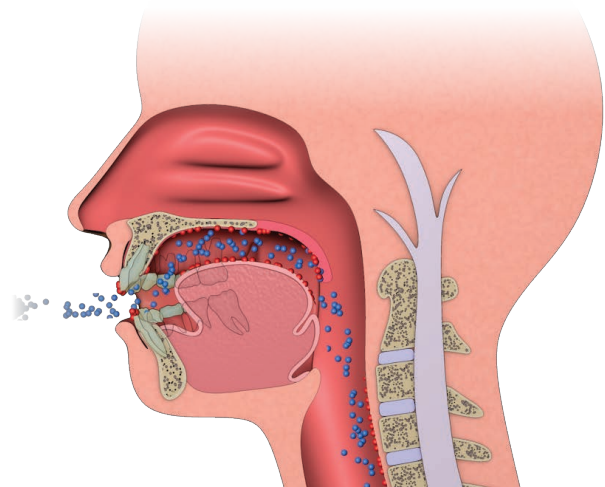
**“Airway and neuromuscular dysfunction can be identified in the majority of malocclusions.”**

Airway and neuromuscular dysfunction not only contribute to the cause of malocclusion, they can also prolong orthodontic treatment as well as cause relapse.

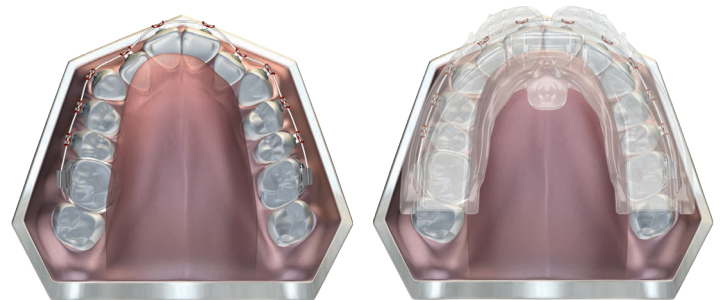
Additionally, if airway or neuromuscular disorder remains untreated, other health issues such as TMJ dysfunction or sleep disorders reportedly may develop.

The *Myobrace for Braces™* series facilitates the treatment of these poor myofunctional habits while allowing for simultaneous treatment with fixed orthodontic braces by the orthodontist.

With patient demand for non-extraction orthodontic treatment techniques on the rise, *The Myobrace System™* combines with the use of SLB technology to achieve and maintain the optimum maxillary arch form. *Myobrace®* assists in arch development by elevating the tongue to the correct position in the maxilla providing faster and more stable results, in more complex cases.



**MYOBACE FOR BRACES™ SERIES FOR AIRWAY CORRECTION**



**ARCH EXPANSION ASSISTED BY THE B1 AND B2**

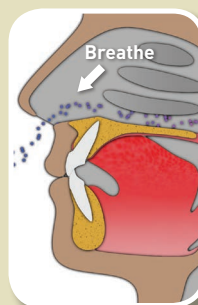
## How Myobrace® works

MRC has pioneered the use of appliances to correct myofunctional habits in growing children, making orthodontics easier, more effective and often with more stable results. The key to this treatment has been first to train children to breathe through the nose, posture the tongue correctly in the maxilla, and retrain the oral musculature to function correctly.

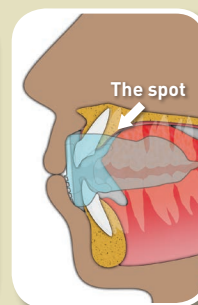
The result of this is:

- More effective and stable maxillary arch expansion.
- Shorter treatment time in difficult cases like open bite.
- Class II correction without high mechanical forces.

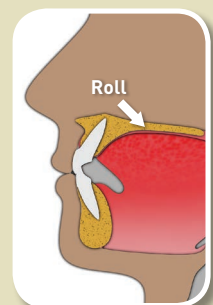
- Less chance of TMJ disorder and sleep disorders developing in later life.
- Often improves facial development.



**Correct breathing**



**Correct rest position**



**Correct swallowing pattern**

Visit [www.myoresearch.com](http://www.myoresearch.com) to view research.

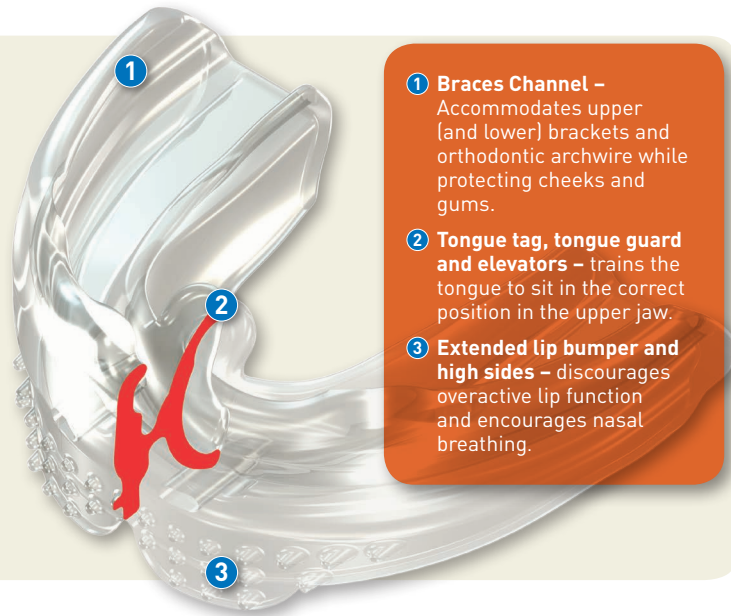


# Myobrace for Braces™

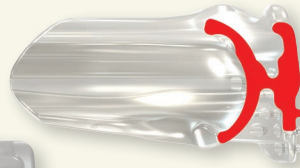
**PERMANENT  
DENTITION  
WITH BRACES**

Myobrace for Braces™ is a three-stage appliance system specifically designed to be compatible with braces while correcting poor oral habits, improving upper and lower jaw developmental problems and assisting fixed appliances to align permanent teeth.

These appliances correct poor myofunctional habits, which can cause crooked teeth, while providing light forces to assist in expanding the upper jaw and help braces align teeth into the correct position.



- 1 Braces Channel –** Accommodates upper (and lower) brackets and orthodontic archwire while protecting cheeks and gums.
- 2 Tongue tag, tongue guard and elevators –** trains the tongue to sit in the correct position in the upper jaw.
- 3 Extended lip bumper and high sides –** discourages overactive lip function and encourages nasal breathing.

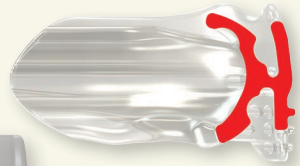


**B1 APPLIANCE** (left)  
**B1 CROSS SECTION** (above)

## MYOBACE® B1

The *B1* provides habit correction.

It features a braces channel, tongue tag, tongue guard, elevators, extended lip bumpers and high sides to correct tongue position, discourage overactive lip function and encourage nasal breathing in conjunction with fixed braces treatment.



**B1 LING APPLIANCE** (left)  
**B1 LING CROSS SECTION** (above)

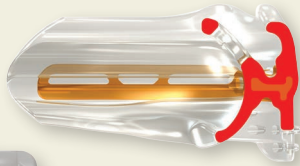
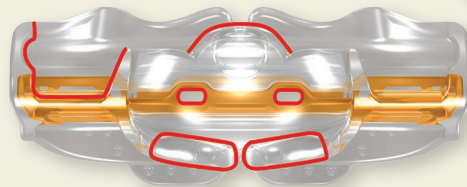
## MYOBACE® B1 LING

The *B1 LING* provides habit correction.

It features a braces channel, tongue tag, tongue guard, elevators, extended lip bumpers and high sides to correct tongue position, discourage overactive lip function and encourage nasal breathing in conjunction with fixed lingual braces treatment.

**HABIT  
CORRECTION**

**STAGE 1**



**B2 APPLIANCE** (left)  
**B2 CROSS SECTION** (above)

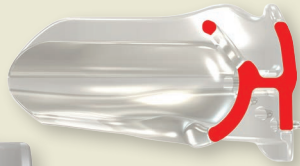
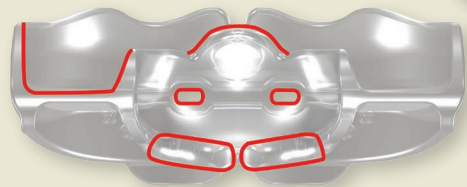
## MYOBACE® B2

The *B2* provides arch expansion.

It features a braces channel, *Dynamicore™*, tongue tag, tongue guard, elevators, extended lip bumpers and high sides to assist with arch development, correct tongue position, discourage overactive lip function and encourage nasal breathing in conjunction with fixed braces treatment.

**ARCH  
EXPANSION**

**STAGE 2**



**B3 APPLIANCE** (left)  
**B3 CROSS SECTION** (above)

## MYOBACE® B3

The *B3* provides habit correction in the retention phase.

It features a widened channel, tongue tag, tongue guard, elevators, extended lip bumpers and high sides to correct tongue position, discourage overactive lip function and encourage nasal breathing in conjunction with clear aligners.

**HABIT  
CORRECTION IN  
THE RETENTION  
PHASE**

**STAGE 3**

## GETTING STARTED

### Step 1 - Research

Your first step is to review [myoresearch.com](http://myoresearch.com). On this website you'll find detailed information on myofunctional orthodontics and MRC's appliance systems. This will allow you to start treating cases.

### Step 2 - Contact an MRC representative

Contact your nearest MRC representative to get further information about the appliances and treatment methods. They can also provide you with information about MRC's courses along with giving you access to doctor, staff and patient education media.

### Step 3 - Attend a course

Our courses will equip you with the ability to treat a wider range of cases and achieve better patient compliance - all while experiencing increased profitability. Attending one of our courses will give you a new and profitable technique that can be applied to any case.



### Attend one of MRC's seminars for hands-on training

Millions of growing children have a malocclusion and while traditional orthodontic techniques can straighten their teeth, the underlying causes of the malocclusion remain untreated. Therefore, unless patients commit to a lifetime of wearing retainers, relapse is highly likely. By simultaneously treating upper airway and neuromuscular dysfunction as well as straightening teeth, *myofunctional orthodontics* offers a way forward for the dental profession, while providing better outcomes for 21st century children.

Learn about how to treat malocclusion, using MRC's systems, from the experienced MRC team who practice *myofunctional orthodontics* on a daily basis in Certified Myobrace® Centres. The treatment system is rapidly gaining popularity with patients and practitioners and MRC can demonstrate how profitable it can be if done correctly.

If you'd like to get started using MRC's appliances please contact your nearest MRC representative, or visit [myoresearch.com](http://myoresearch.com).



## MYOBRACE CERTIFIED PROVIDER™ PROGRAM

The *Myobrace Certified Provider™* Program has been developed for dentists and orthodontists who would like a streamlined process for introducing *myofunctional orthodontics* into their practice. The program's network is comprised of dentists and orthodontists from around the world who are united in the common desire to provide comprehensive and high-quality myofunctional orthodontic care to their patients. *Myobrace Certified Providers™* are given access to MRC's own clinically developed educational and marketing tools.

### Why become a Myobrace Certified Provider™?

- Treat a wider range of patients, 5-15yrs.
- Increase patient flow in your practice.
- Less chair-side time required for habit correction.
- Financial benefits for you and your patients.
- Health orientation for orthodontics.



For more info visit [www.myoresearch.com](http://www.myoresearch.com) or contact an MRC representative

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MYOBRACE® BY MYOFUNCTIONAL RESEARCH CO.

