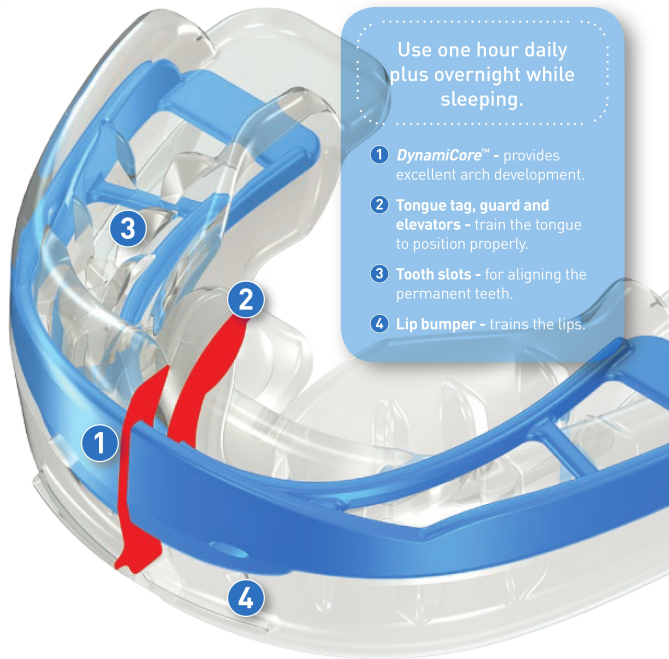


Myobrace® for Teens



Use one hour daily plus overnight while sleeping.

- 1 **DynamiCore™** - provides excellent arch development.
- 2 **Tongue tag, guard and elevators** - train the tongue to position properly.
- 3 **Tooth slots** - for aligning the permanent teeth.
- 4 **Lip bumper** - trains the lips.

DEVELOPING PERMANENT DENTITION

Myobrace® for Teens

Myobrace® for Teens is a four-stage Myofunctional Orthodontic system designed to replace the need for complex orthodontics with braces and extractions. The primary goal is to correct mouth breathing and poor myofunctional habits which cause malocclusion, while the stage 3 (T3) appliance guides the permanent teeth to erupt into their natural correct alignment in the developing dentition stage. If compliance is good, braces are usually not required.

Designed for:

- Treating malocclusion in the late mixed dentition.
- Class II Division 1 + 2 malocclusion.
- Anterior (upper + lower) crowding.
- Deep bite.
- Open bite.

10 - 15 YEARS

All *Myobrace®* appliances are designed to correct habits, develop the maxilla and mandible, and align the teeth. Each stage focuses on a particular treatment goal.



HABIT CORRECTION

Establish nasal breathing.

STAGE 1



4-6 months

The *T1* is available in medium and large.

T1 APPLIANCE - PERSPECTIVE VIEW (left)

T1 - CROSS SECTION (above)

MYOBACE® T1

The *T1* focuses on establishing nasal breathing and myofunctional habit correction.

It is soft and flexible which gives the best compliance, adapts to any arch form and malocclusion, and optimises staying in place at night.

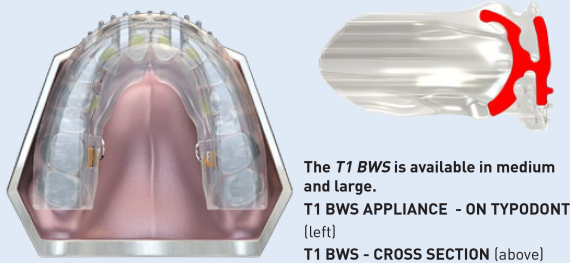
Only move to the *T2* when the *T1* stays in at night and nasal breathing is established.



ARCH DEVELOPMENT

Establish nasal breathing and correct arch form.

STAGE 1



The *T1 BWS* is available in medium and large.

T1 BWS APPLIANCE - ON TYPODONT (left)

T1 BWS - CROSS SECTION (above)

MYOBACE® T1 BWS

The *T1 BWS* is designed to be used with the *Farrell Bent Wire System™* (*BWS™*) to obtain more rapid arch development. It focuses on establishing nasal breathing and myofunctional correction, while the *Bent Wire System™* expands the arch form to allow more room for the correct tongue position.

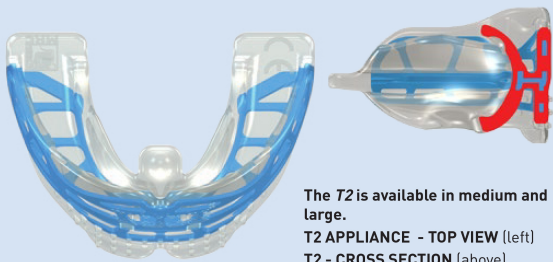
Once the sufficient space in the upper arch form is obtained, the *BWS™* is removed and treatment progresses to the *Myobrace® T2*.



ARCH DEVELOPMENT

Establish correct tongue position, lip posture and swallow.

STAGE 2



4-6 months

The *T2* is available in medium and large.

T2 APPLIANCE - TOP VIEW (left)

T2 - CROSS SECTION (above)

MYOBACE® T2

The *T2* focuses on obtaining and maintaining correct arch development with the *DynamiCore™* specific to this age group, which has extra elements in the anterior region to promote further development of the anterior arch form. This allows space for the tongue to establish the correct resting position and swallowing patterns, which improves dental alignment. Only move to the *T3* when all the above goals are established.



DENTAL ALIGNMENT

Tooth alignment once habits and compliance are good.

STAGE 3



4-6 months



The T3 is available in seven sizes.

T3 APPLIANCE - TOP VIEW (left)
T3 - CROSS SECTION (above)

MYOBACE® T3

The T3 is the tooth alignment stage of treatment. The *DynamiCore™* acts as an arch wire and the tooth slots increase arch length, along with assisting dental alignment. Compliance with the T3 is essential to prevent losing arch form space, which occurs when the appliance is not worn regularly. The T3 predominately focuses on dental alignment, but still has habit correction features similar to the T1 and T2. Move to the T4 when satisfactory dental alignment has been achieved.



DENTAL ALIGNMENT

Tooth alignment once habits and compliance are good.

STAGE 3



The T3N is available in seven sizes.

T3N APPLIANCE - TOP VIEW (left)
T3N - CROSS SECTION (above)

MYOBACE® T3N

The T3N is identical to the T3, except it does not contain the inner *DynamiCore™*. This makes it more flexible with better retention. It is suitable in some cases to use initially at night time while sleeping, in conjunction with use of the T3 during the day. An alternative is to use the T2 at night and the T3 during the day for 1-2 months, followed by the T3 at all times. Move to the T4 at night after 2 months when it remains in the mouth every night.



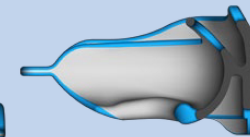
RETENTION

Retain dental alignment while maintaining correct habits.

STAGE 4



4-6 months



The T4 is available in medium and large.

T4 APPLIANCE - REAR TECHNICAL VIEW (left)
T4 - CROSS SECTION (above)

MYOBACE® T4

The T4 is the final appliance in the *Teens* series, which continues all habit corrections, retains the dental alignment and reinforces good lip posture and nasal breathing. The T4 focuses on final alignment of the teeth and jaws, and is used as a retainer when treatment is completed.

The hollow tongue tag encourages the tongue to position on the spot. It can be used as a long-term retainer.

Myobrace® for Teens Appliance Sequence



T1 STAGE 1
HABIT CORRECTION

BWS™+ T1 BWS

Establish nasal breathing and correct arch form.



T2 STAGE 2
ARCH DEVELOPMENT

Establish correct tongue position, lip posture and swallow.



T3 STAGE 3
FINAL ALIGNMENT

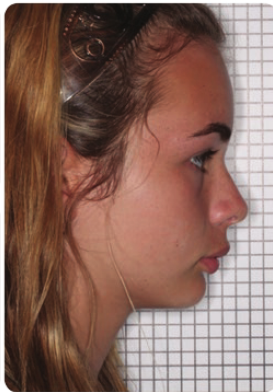
Tooth alignment once compliance and habits are at an acceptable level.



T4 STAGE 4
RETENTION

Retain dental alignment while maintaining correct habits.

Case Study - Treatment using the Myobrace® for Teens Appliance Series



This patient had a severe Class II malocclusion at age 13 years and 6 months. The Myofunctional Orthodontic Evaluation (MOE) indicated that the patient was a mouth breather with a reverse swallowing pattern and aberrant lip function.

Significant improvements to the dental alignment and facial development occurred after 12 months, using the Myobrace® for Teens series to establish nasal breathing and correct myofunctional habits. Complete Class II correction.