

myobrace[®]

PERMANENT DENTITION CLASS III

PERMANENT DENTITION

USE FOR
ONE HOUR
EVERY DAY
AND WHILE
SLEEPING

i2-3^H

www.myobrace.com

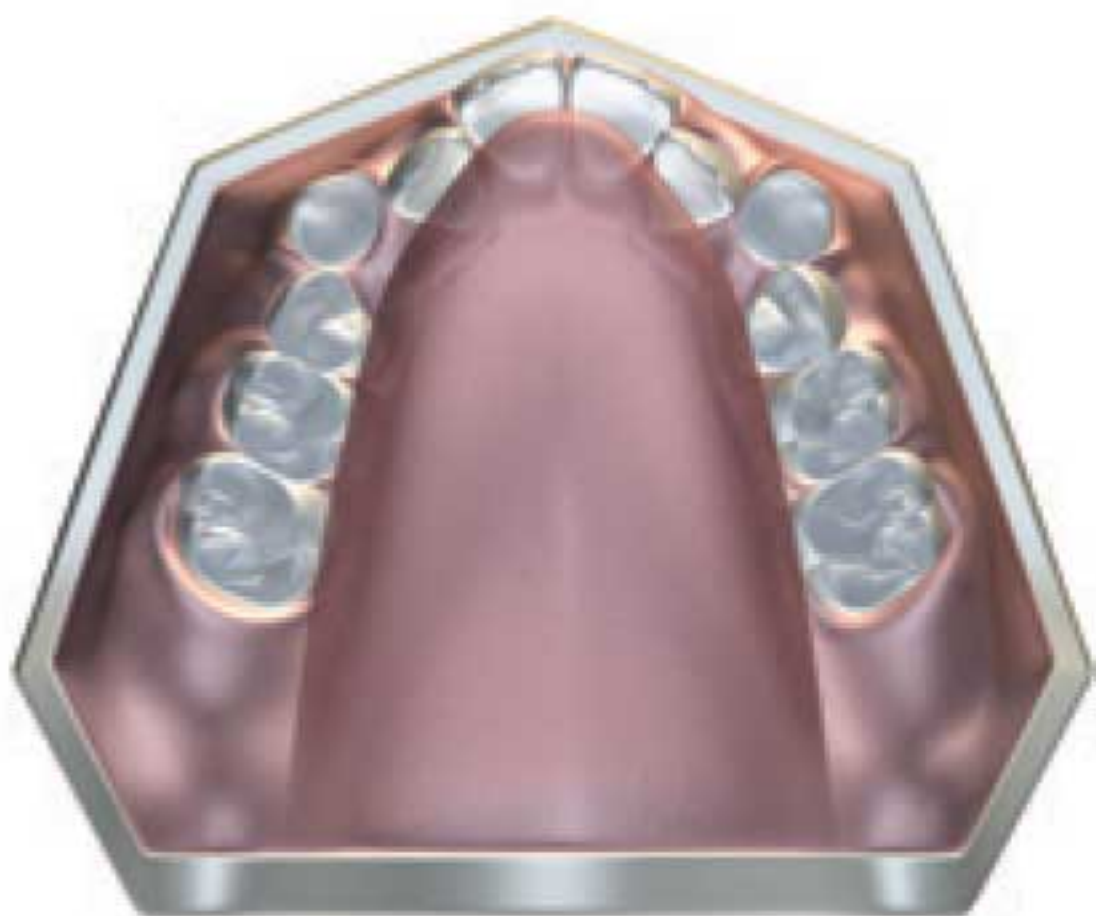
WORLDWIDE PATENTS, FOR MORE INFORMATION VISIT MYORESEARCH.COM

What causes orthodontic problems?

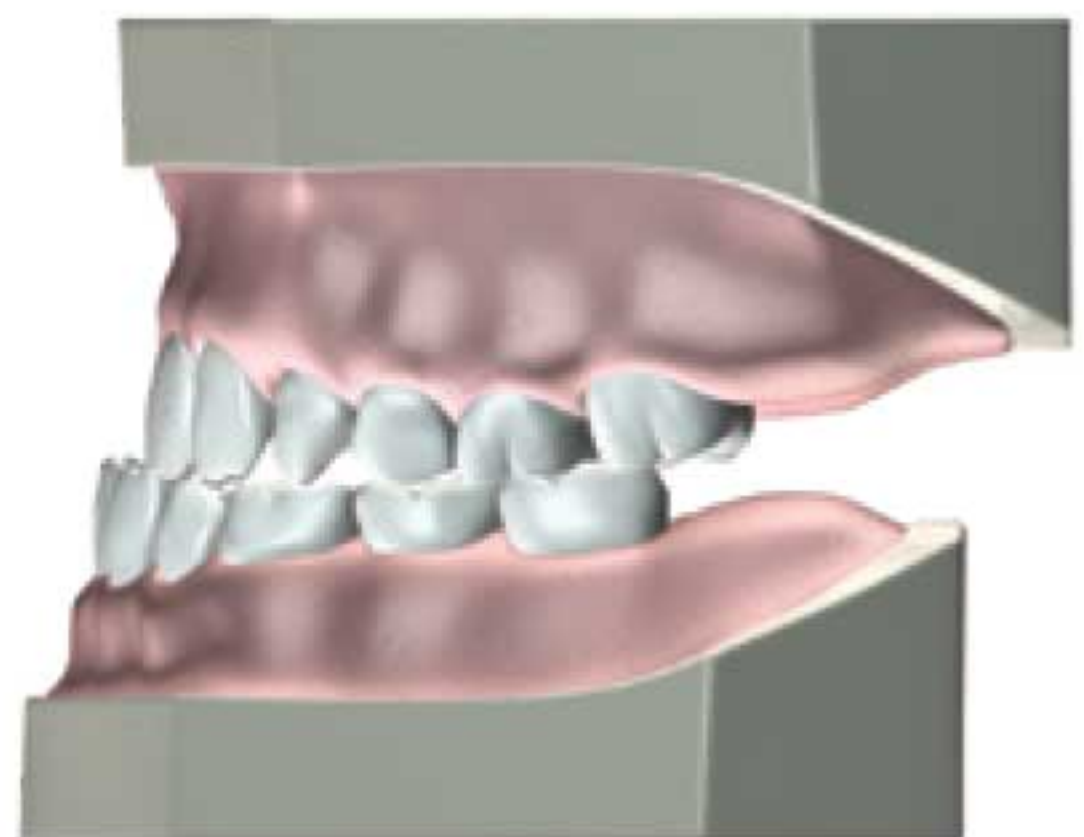
Most people today will experience crowding of the teeth and poor jaw growth. Mouth breathing, incorrect tongue position and poor swallowing patterns are leading contributors to crowded teeth and incorrect bites, including Class III malocclusion or an underbite. Although it is ideal to treat these habits at a young age and prevent worsening of orthodontic problems, older patients will still require treatment of their Class III by addressing these underlying causes. This allows treatment to progress more efficiently while promoting better stability. Overlooking these causes increases treatment difficulty and the likelihood of relapse, while ignoring the underlying health issues.

Defining Class III malocclusion

One variation of dental crowding and poor jaw relationship is called a Class III, or underbite. This is where the lower jaw and teeth sit in front of the upper jaw and teeth. During growth, the tongue develops the upper jaw. Mouth breathing causes the tongue to drop low and limits development of the upper jaw. If the tongue rests low in the mouth, the upper jaw becomes underdeveloped and can result in the lower jaw posturing forward, creating an underbite. Establishing nasal breathing and correct tongue position is therefore crucial to good treatment outcomes.



A lowered tongue causes an underdeveloped upper jaw



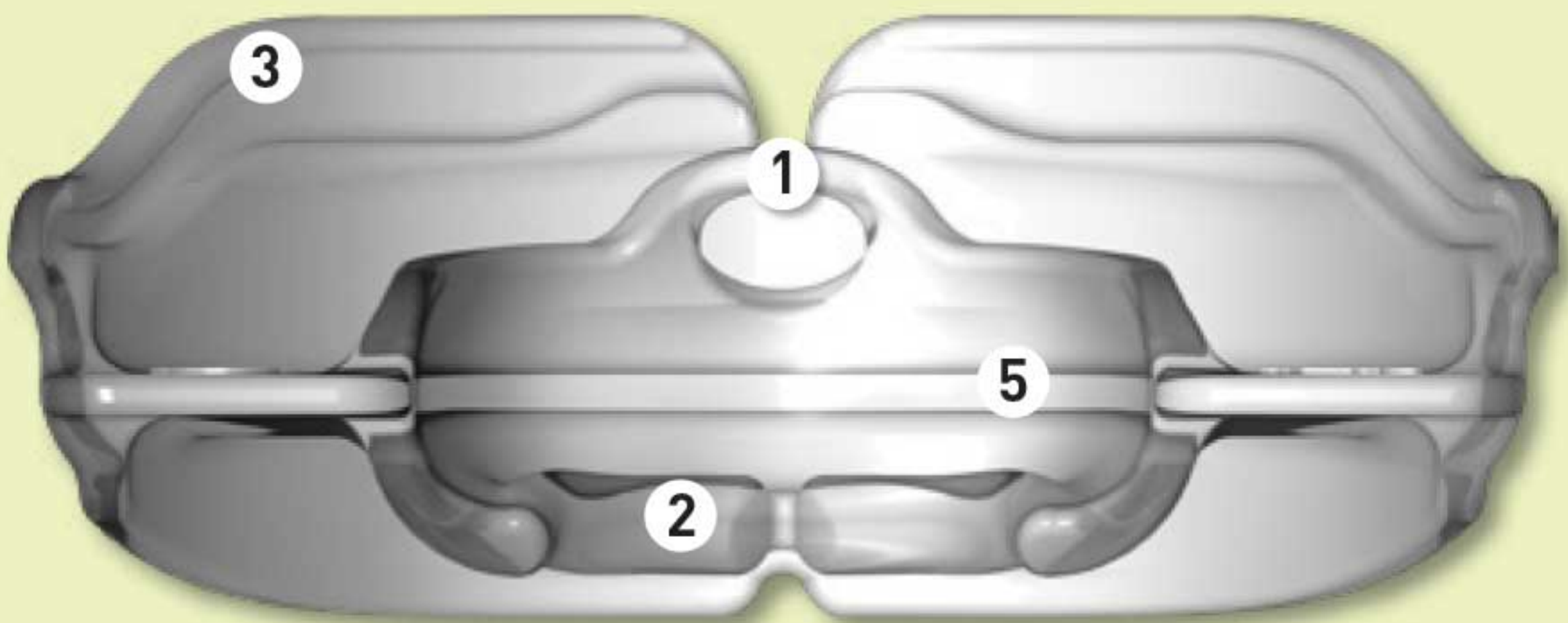
An underdeveloped upper jaw can lead to an underbite

Myobrace® Permanent Dentition Class III - P-3H

The *Myobrace® P-3H* is the third and final stage appliance in the *Permanent Dentition Class III* appliance group and specifically focuses on final alignment and retention. The *P-3H* is the firmest appliance in the series, making it an ideal finishing appliance. It specifically works by maintaining the arch form and correct oral habits, while also retaining the correct relationship of the front teeth and preventing relapse of the underbite. It features a unique hollow tongue tag to finalise and maintain the correct tongue position.

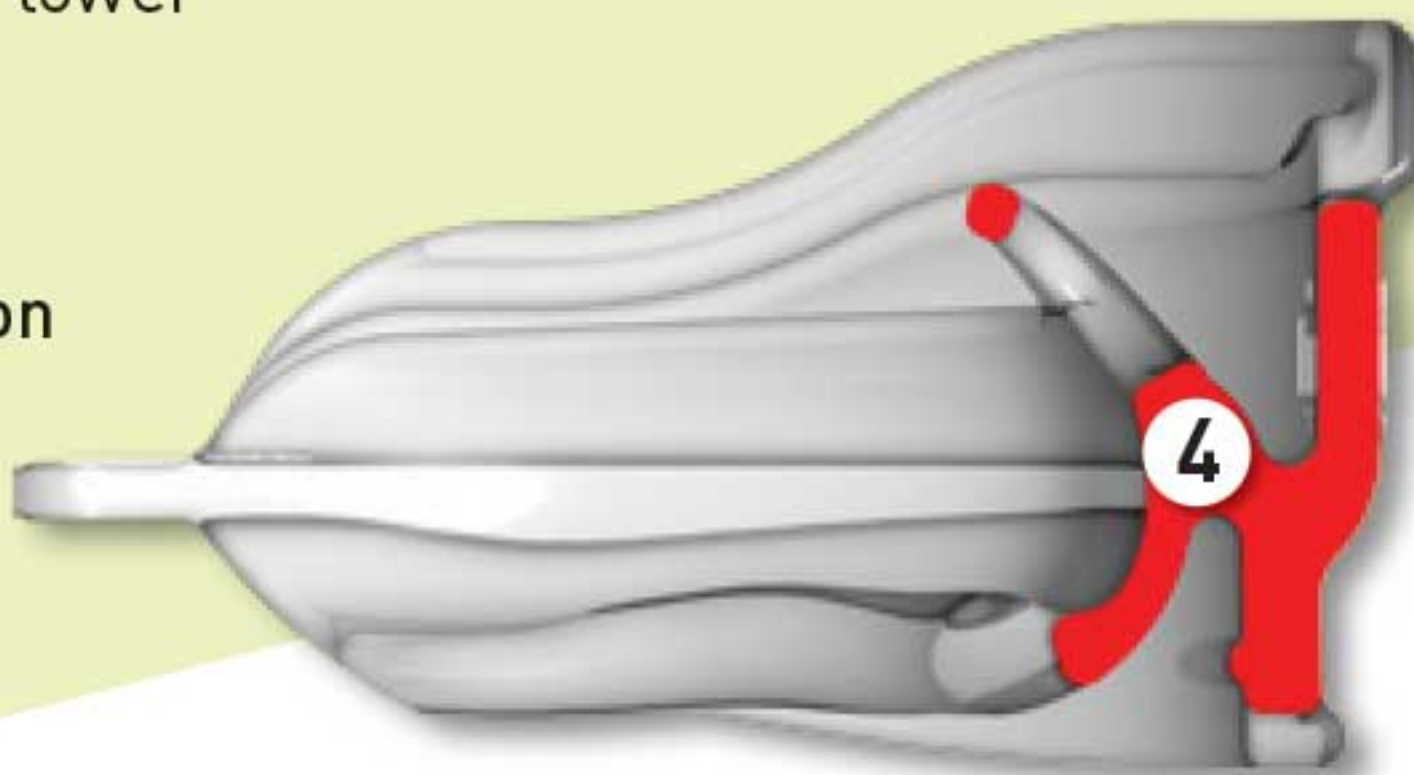
Myobrace® P-3H - Design features

Stage three - Final alignment and retention



- 1 Hollow tongue tag** finalises and retains the correct tongue position.
- 2 Tongue elevator** lifts the tongue into the correct position.
- 3 Frankel shields** for added upper arch development.
- 4 3mm offset** corrects the underbite by pushing upper teeth forward and lower teeth back.
- 5 Dual arch design** maintains nasal breathing.

Cross-section view



P-3^H

Directions for use

Use your *Myobrace*® appliance for one to two hours each day, plus overnight while sleeping.

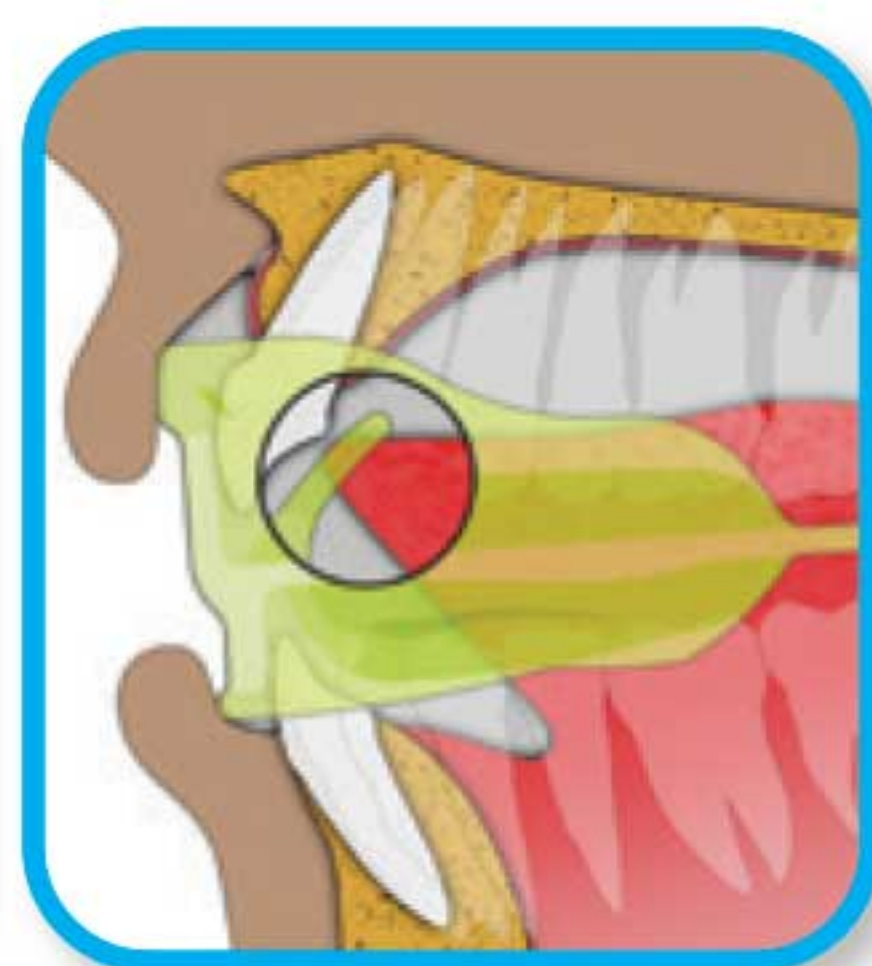
Your teeth may become slightly sensitive in the early stages of treatment. This is quite normal but, if pain becomes excessive, decrease application time and advise your doctor.



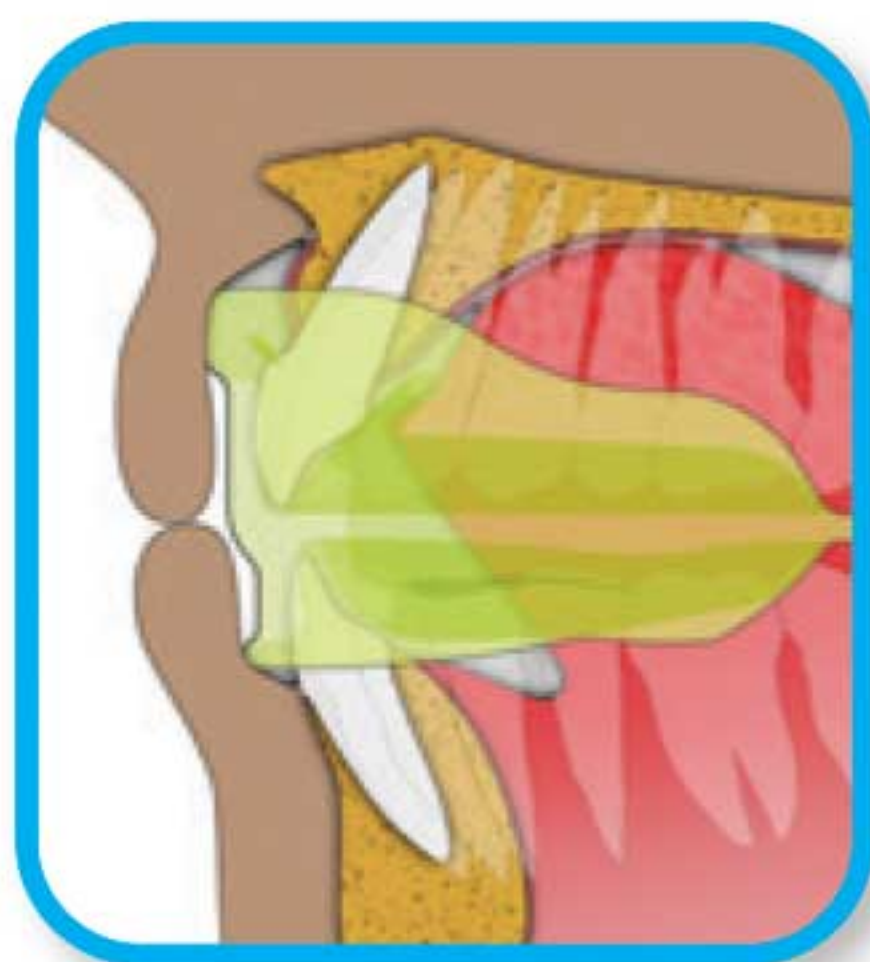
Step 1 – Hold the *Myobrace*® with the tongue tag facing up.



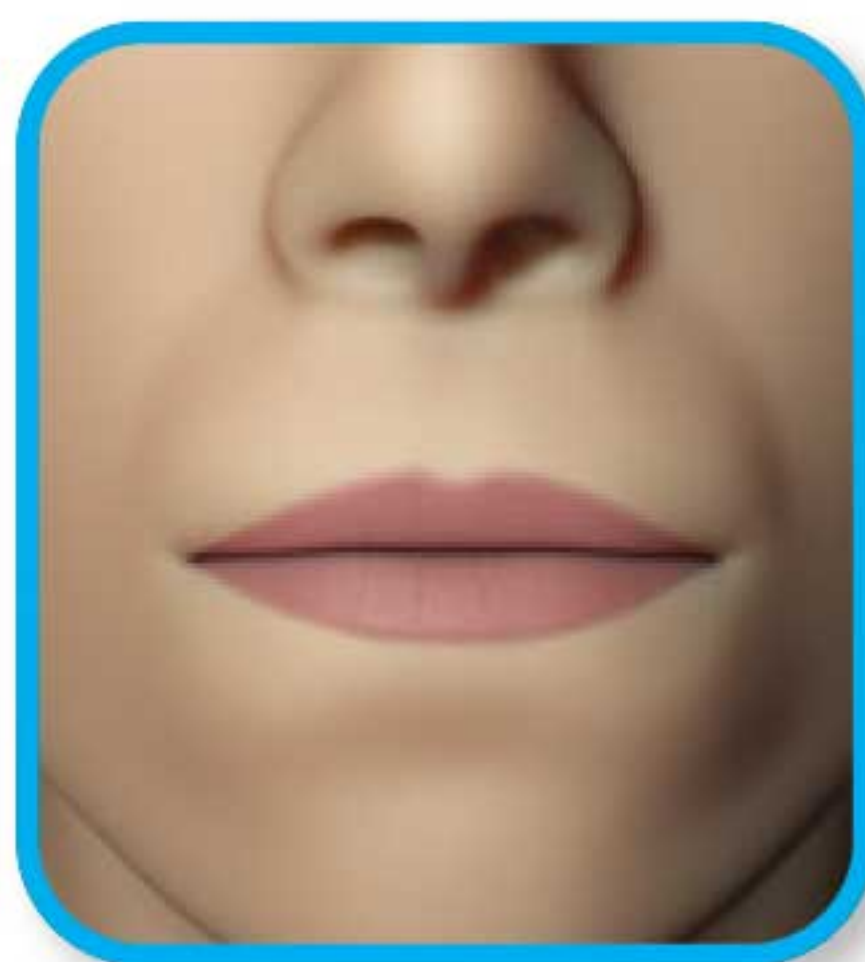
Step 2 – Place the *Myobrace*® into your mouth.



Step 3 – Keep your tongue positioned on the tongue tag.



Step 4 – Close down on the *Myobrace*® and feel it working to align your front teeth and jaws.



Step 5 – Keep your lips together and breathe through your nose.

**Do not chew
on your
Myobrace®!**

May fall out at night while sleeping in initial stages of treatment. If this happens, increase daytime use.

How it works

Class III malocclusion is best treated very early (three to eight years) with the *Myobrace® Interceptive Class III - i-3®*. However, often the opportunity for early treatment is missed and the Class III malocclusion persists into the permanent dentition. This can also occur if the patient is treated with braces and the underlying myofunctional habits that caused the Class III are left untreated, which can result in the patient relapsing into their previous jaw position. Class III patients are often prescribed complicated jaw surgery that can also be unstable after the procedure.

The *Myobrace® Permanent Dentition Class III* appliance group consists of three-stages designed specifically for the Class III patient in the permanent dentition. It works by pushing the upper front teeth forward and the lower teeth back with a 3mm offset bite, as well as correcting the habits that caused the Class III in the first place.

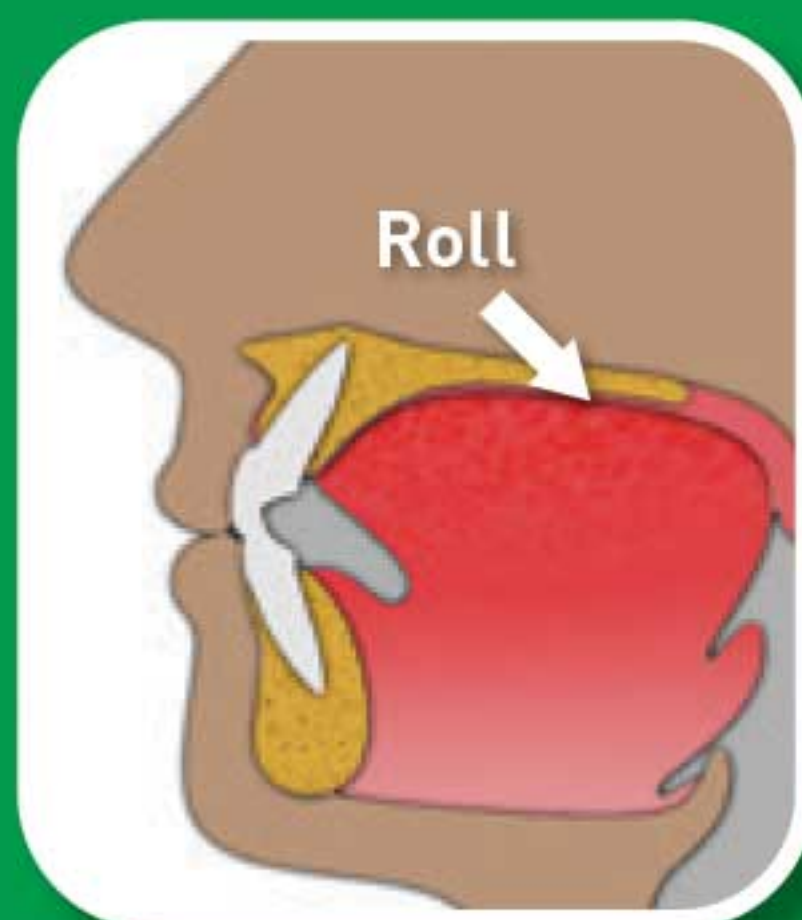
Goals of treatment:

- Breathe through the nose;
- Rest the tongue in the upper jaw, not the lower jaw;
- Have no activity in the lip muscles when swallowing;
- Correct the underbite;
- Encourage healthy jaw development.

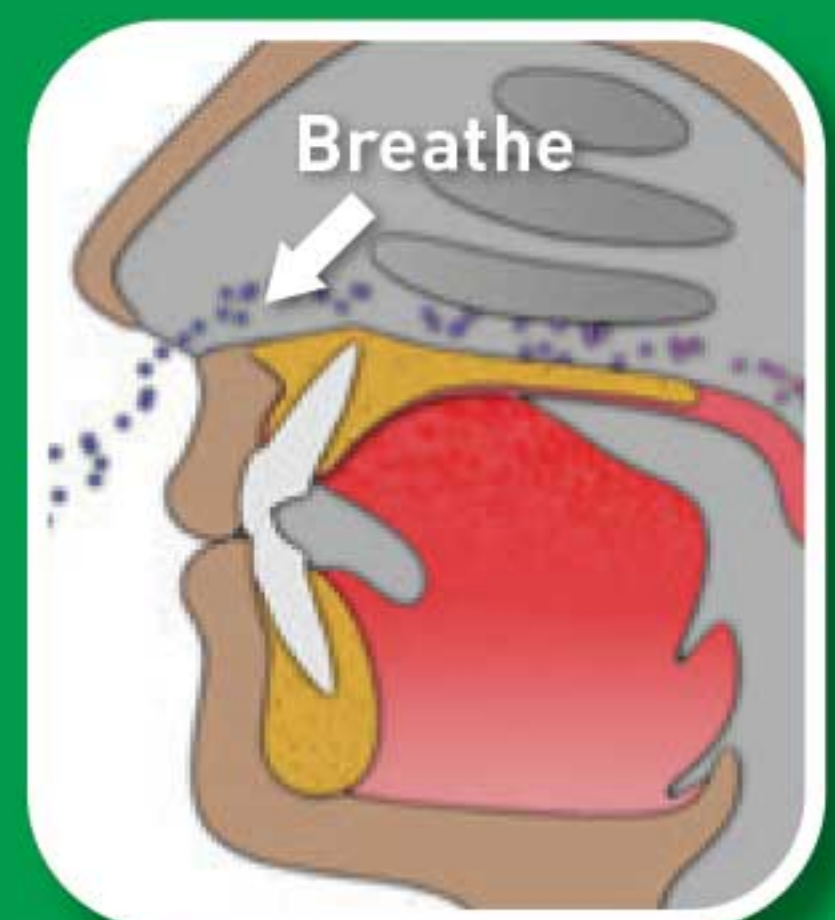
For the *Myobrace®* to work, you must correct your poor myofunctional habits.



Correct rest position



Correct swallowing pattern



Correct nasal breathing

The *Myobrace® Permanent Dentition Class III* appliance group consists of three-stages designed specifically to assist in Class III dental correction in the permanent (adult) dentition.

The *P-3H* appliance is the third and final stage appliance in the group and focuses on final dental alignment, as well as retention of the arch form and oral habits. It also works by pushing the upper front teeth forwards and the lower front teeth backwards, which assists in final correction of an underbite and maintaining a correct dental relationship.

Treatment considerations

Treatment time can differ considerably due to the biological adaptability of each patient. Class III treatment in the permanent dentition is never ideal and results must not be overestimated. Daily use of the *Myobrace® P-3H* with persistence to correct the underlying habits is essential.

Use of arch development and other orthodontic techniques may be required to assist this range. Regular monitoring by your orthodontist or dentist is also essential for successful treatment and to avoid unwanted treatment complications.

Cleaning your *Myobrace®*: Run your *Myobrace®* appliance under warm water every time you remove it from your mouth. We recommend using *Myoclean™* tablets for all your oral appliances twice per week. Ask your practitioner about *Myoclean™*.

Lifetime use: 6 months based on everyday wear.

Replace after 12 months regardless of wear time.

CAUTION: USE ONLY UNDER THE SUPERVISION OF A LICENSED ORTHODONTIST OR DENTIST.



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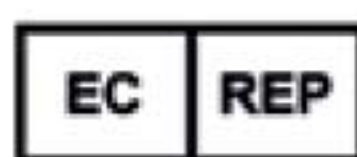
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Single Patient Use.



**MYOFUNCTIONAL
RESEARCH CO.**

**INNOVATIVE DENTAL APPLIANCE
TECHNOLOGY AND EDUCATION**



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