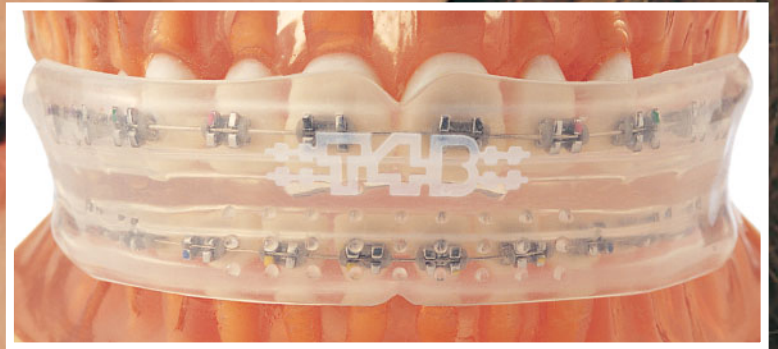




SPEEDS UP TREATMENT IMPROVES STABILITY

The T4B™ is a single sized, prefabricated, orthodontic appliance used in conjunction with fixed appliances.



**REDUCES
soft tissue trauma**

**CORRECTS
myofunctional bad habits**

**IMPROVES
fixed appliance effectiveness**

**TREATS
TMJ Disorder in zero chair time**

**ASSISTS
Class II correction**

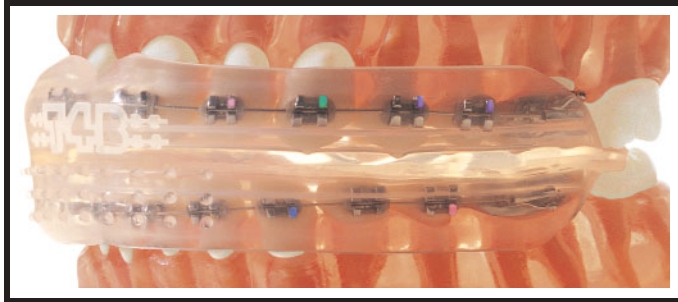


T4B TRAINER FOR BRACES

The T4B™ allows for fixed and functional phases simultaneously which speeds up treatment time by reducing the influence of myofunctional bad habits.

Stability is improved by retraining the oral musculature plus specific design features treat and prevent TMJ problems.

As well, bruxing is limited by the double mouthguard effect.



REDUCE soft tissue trauma

Patients suffering trauma of the soft tissues is a common problem when fixed appliances are first applied. The T4B™...

- covers the offending brackets and bands.
- protects the soft tissues from irritating contact.

CORRECT myofunctional bad habits

Myofunctional habits contribute to many malocclusions. These aberrant oro-muscular forces maintain incorrect dental position and can impede Orthodontic treatment. Relapses often occur once retainers are removed. The T4B™...

- prevents tongue thrust and reverse swallowing.
- forces the patient to breathe through the nose.
- discourages overactive mentalis muscle activity.
- “trains” a Class I relationship.

IMPROVE fixed appliance effectiveness

Faster tooth movement is facilitated by removing the influence of interlocking occlusal forces. The T4B™...

- discludes the dentition.
- decreases aberrant myofunctional forces.
- improves stability by retraining oral musculature.

TREAT TMJ Disorder in zero chair time

TMJ/D has been shown to be prevalent in the majority of adolescent Orthodontic patients. This can be difficult to treat during fixed appliance therapy. The occlusal changes produced by Orthodontic treatment can also precipitate acute TMJ/D symptoms. The T4B™...

- decompresses the TMJ with a built-in pivotal splint.

ASSIST Class II correction

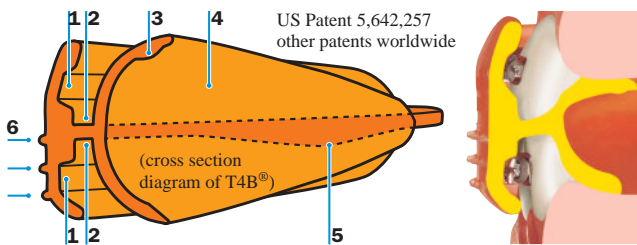
The T4B™ acts as a functional appliance removing the aberrant forces of tongue thrusting and lip habits, thus allowing the Class II mechanics to be more effective. Slots can be cut for the canine tag allowing attachment of elastics between arches. The T4B™...

- advances the mandible to Class I position.
- can be used in conjunction with Class II elastics.

Distributed by:

Design features of the T4B™

- No impressions or custom fitting.
- Single size for all patients.
- Distal end may be trimmed if required.
- High grade silicone material for maximum flexibility and comfort.
- Used one hour daily plus overnight.



1. Appliance Channels to accommodate brackets and Orthodontic archwire.
2. Tooth Channels.
3. Tongue Tag for the proprioceptive positioning of tongue tip as in myofunctional and speech therapies.
4. Tongue Guard stops tongue thrusting when in place and forces patient to breathe through nose.
5. Splint (patented aerofoil-shape) achieves gentle decompression of the temporo-mandibular joints.
6. Lip Bumpers discourage over-active mentalis muscle activity.

Cross section photo above shows relationship of the T4B® with teeth and fixed appliances.