

***“functional appliances
do not work...”***

...according to SOME DOCTORS!



the Functional™ TRAINER

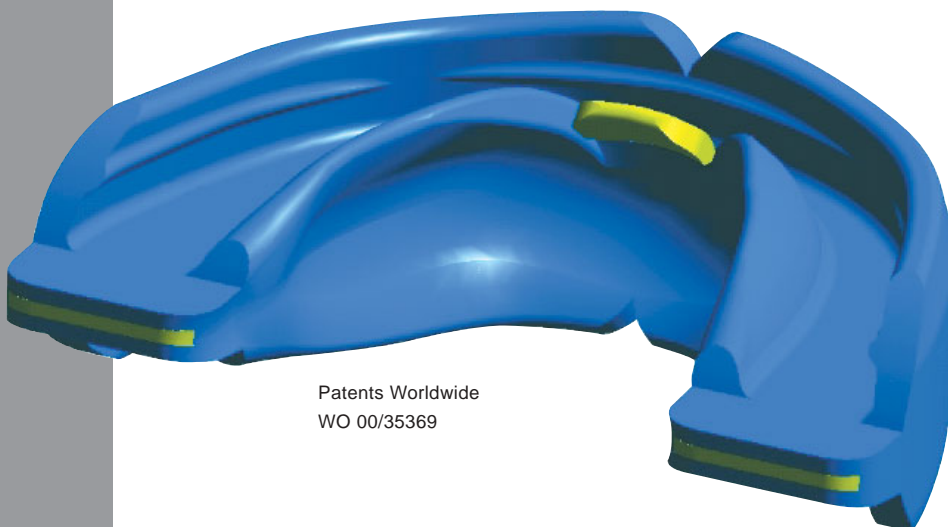
Immediate, customisable ORTHOPAEDIC APPLIANCE

FEATURES OF THE T4F™

- Customisation in minimal chair time (direct or indirect)
- Pre-moulded into Class I, fits tightly to upper arch
- Remouldable to accommodate erupting dentition
- Single size for mixed and permanent dentition
- **LOW COST** - no lab fees, no acrylic or wire to break

APPLICATIONS

- Interim retainer between Phase I and II treatments
- Simultaneous myofunctional habit correction TRAINER™
- Class II correction and retention (similar to Bionator & Clark Twin Block)



Patents Worldwide
WO 00/35369

the Functional™ TRAINER

works because unlike the ACTIVATOR, BIONATOR and CLARK TWIN BLOCK the T4F has both orthopaedic and myofunctional effects built in. This delivers simultaneous Class II correction and re-training of the tongue, swallowing pattern and mode of breathing.



the Functional™ TRAINER

**Recommended minimum use - ONE HOUR
DAILY plus OVERNIGHT WHILE SLEEPING**

The T4F™ can be used to replace Class II correction “functional” appliances like the Clark Twin Block and Bionator. It is cheaper, easier to apply and will not break.

Myofunctional Research Co. has developed a new semi-mouldable technology that allows a universally sized, preformed appliance to be customised for the individual patient in about the same time as taking a bite or impressions.

The Functional TRAINER™ is constructed of two distinct parts and provides the same quality fit as vacuum formed retainers without the time consuming need for impressions.

Customise in under 5 minutes

The T4F™ can be customised by fitting directly to the patient or indirectly using upper and lower models (preferred in mixed dentition).

The T4F™ is heated in boiled water for 2 minutes then placed into the patient's mouth after cooling for just one second under cold tap water.

Position firmly into upper dentition then have the patient move the lower teeth into the bottom channel and bite down on the T4F™ as hard as possible. At the same time a vacuum is created by sucking in strongly with the lips are closed and the tongue pushed up into the palate with the tip on the tongue tag.

After holding this position for at least 20 seconds the T4F™ is removed and placed in cold water.

Class II correction AND myofunctional habit correction

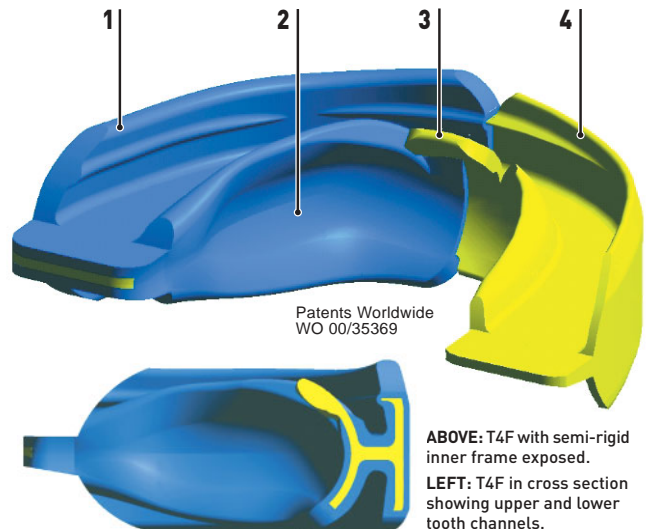
Once customised, the T4F™ is a “Functional” Appliance which is particularly good for Class II correction after maxillary expansion.

As well as the “Functional” effect the T4F™ will also correct the associated myofunctional habits i.e. tongue thrusting, mouth breathing, a required feature missing from other commonly used orthopaedic appliances.

NO LAB FEES, no waiting, adjustable by remoulding

With the T4F™ there is no more waiting for lab construction. It can be fitted in the same time as it takes to make an impression and can be remoulded to accommodate erupting teeth or to improve the fit.

Unique Design Features of T4F™



1. Thermoplastic outer material provides the convenience of “boil and bite” customised fit (regularly remouldable if adjustment is needed).
2. Tongue guard prevents damage from thrusting during sleep.
3. Tongue positioning tag retrains tongue during daily (cognitive) use.
4. Semi-rigid Polyurethane frame maintains shape and all design features during customisation.

Complete and comprehensive instructions are supplied in the T4F™ manual.

A Myofunctional Trainer & an Interim Retainer = STABILITY

The T4F™ is ideal for use between Phase I (functional appliance) and Phase II fixed treatment.

Early treatment with expansion or Class II correction can be lost while waiting for the permanent dentition.

Leaving other functional appliances in for long periods can restrict further development and cause bad myofunctional habits.

The T4F™ can be applied as a retainer and as a myofunctional TRAINER to improve the stability of the correction, as soon as Phase I is completed.

It is low maintenance, has no clasps to break and can be fitted immediately as described above (your lab won't like it a bit).

Available from:



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