

THE TRAINER SYSTEM™

BY MYOFUNCTIONAL RESEARCH CO.
www.myoresearch.com

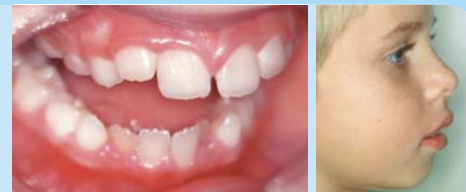


Mouth breathing, tongue thrusting, incorrect swallowing and other myofunctional habits cause crooked teeth, poor facial development, and other common problems. The tongue and lips control dental position, and should be considered in conjunction with any orthodontic treatment.

CAUSES OF CROOKED TEETH

CASE: MIKAELA (7 YEARS OLD)

BEFORE



- Crowding caused by underdevelopment of lower jaw.
- Incorrect swallowing habits are the cause.
- Mouth breathing further reduces arch development.

AFTER



- Teeth straightened by developing lower jaw.
- Facial improvement by changing mode of breathing.
- Passive arch expansion – change in tongue position.

ARCH SIZE IN RELATION TO TEETH



Normal upper arch Crowded upper arch

NOTE TOOTH SIZE HAS NOT CHANGED

A normal upper arch should look like this. It forms that way because the tongue rests in the area between the upper teeth. There it counteracts the pressure of the cheeks, which would otherwise push the upper arch of the jaws in. But, if a child sucks his thumb or breathes through his or her mouth for any reason, the tongue drops from the top of the mouth and the upper arch can get pushed in causing crowding and crooked teeth.

More information www.myoresearch.com

THE TRAINER SYSTEM™ BY MRC – HABIT CORRECTION BEFORE, DURING, AND AFTER TREATMENT

TECHNICAL INFORMATION

All appliances in the Trainer System™ feature three benefits of the Myofunctional Effect™:

- 1 Tooth alignment
- 2 Myofunctional training
- 3 Jaw positioning



CROSS SECTION:
T4K® APPLIANCE



T4B® APPLIANCE

MYOFUNCTIONAL FORCES

How much force can move an anterior tooth?

1.7gm

How much force does the lower lip exert?

100-300 gm

What force is the tongue capable of exerting?

up to 500 gm

0gm 100gm 200gm 300gm 400gm 500gm

More information www.myoresearch.com

SYSTEM APPLIANCES

MIXED DENTITION



PRE-ORTHODONTIC TRAINER

Improves facial and dental development in the growing child.

DURING BRACES



TRAINER FOR BRACES

Shields the soft tissue from brackets.

DURING BRACES



CLASS II CORRECTION

Specific for jaw alignment in combination with fixed orthodontics.

PERMANENT DENTITION



TRAINER FOR ALIGNMENT

Aligns and retains teeth in the permanent dentition.