



Pendulum Appliances

Consistent and dependable upper molar distalization without patient cooperation concerns.

The Pendulum Appliance is a noncompliance appliance that utilizes a .036" lingual sheath to correct Class II malocclusions without straining the lower arch. It uses the palate for anchorage and allows for a broad swinging arc of force that extends from the middle of the palate out to the upper first molars.

The TMA pendulum springs are able to exert a light, continuous, distalizing force on the molars without impacting the large Nance button in the palatal tissue. The small jackscrew in the Nance button is used to compensate for the narrowing effect that could occur as the distal movement of the molars is accomplished. An activation of 60 degrees results in approximately 200 grams of force.

Additional information is available upon request to our Customer Service Department.

COMMUNICATION CENTER

800-262-5221

INTERNATIONAL #262-886-1050

AOA Wisconsin
13931 Spring Street
Sturtevant, WI 53177
Fax 262-886-6879

AOA Connecticut
6 Niblick Road
Enfield, CT 06082
Fax 860-741-7655

AOA California
341 E. First Street
Calexico, CA 92231
Fax 760-357-9488

www.aolab.com

Standard Pendulum Appliance for optimal molar distalization and economy when expansion is not required



Dr. Joe Mayes' Penguin design. The TMA springs are removable to provide ease of adjustment and replacement if needed. The coils are positioned parallel to the slope of the alveolar process aiding the expanding direction of the molars as they distalize.

T-Rex Appliance: The appliance includes locking wires soldered to the mesial lingual portion of the molar bands. This enables activation of the TMA arms and insertion into the sheaths before seating the appliance. The locking, or keeper, wires can be easily cut during or after the expansion phase to begin molar distalization.



The Tracey / Hilgers MDA offers the same features as the PhD, but with the AOA Mini RPE screw and a resilient (.032) TMA wire.

Traditional Pendex without the locking wires. Expansion can be initiated post distalization or simultaneously with distalization.



The Hilgers PhD Appliance is designed for robust rapid palatal expansion with the T-Rex molar distalization function.

What to send to AOA

Quality upper model in either orthodontic plaster or stone and a completed AOA Rx form. Bands may be seated on the model or forwarded in an envelope with the models. If you prefer AOA can supply and seat bands from our inventory. Lingual sheaths will be supplied and attached by AOA. If buccal attachments are required please specify on the RX.