

DISTALIZERS



It is now possible to distalize maxillary first and second molars and retain the results with one appliance.

The **Distal Jet™** is a fixed lingual appliance that can produce unilateral or bilateral molar distalization and rotation corrections, usually in four to nine months, without patient compliance. Nickel-titanium coil springs (240g) provide forces for predictable results. The springs are driven by a unique set screw activation lock. After molars are distalized the Distal Jet™ can be converted into a Nance holding arch with a few easy adjustments – without removing the appliance (180g springs are available upon request).

Limited expansion can be introduced with the addition of an expansion screw to the acrylic button. If significant expansion is required, the use of a palatal expander prior to molar distalization is recommended.

Pendulums provide consistent and dependable upper molar distalization without patient cooperation concerns.

Since its introduction, the pendulum has undergone numerous changes that have greatly improved patient comfort, eased appliance placement and activation, simplified design, enhanced stability and improved overall response. Several variations are being used successfully. (T-Rex, Pendex, Penguin, PHD, MDA, etc.) Overall, the primary force is still generated by bilateral TMA. 032 pendulum springs. The springs, when activated 60-90 degrees, generate approximately 200 grams of force. The distal end of the springs slide into lingual sheaths welded to the molar bands. (Anterior anchorage of the Nance button should be in four locations – however this may vary by patient.) Some pendulums do not require acrylic such as the MDA or PHD.

The **Mambo Jet** uses a “sistered” tube to compress the spring while the screw/tube combination slides easily along a heavy wire, parallel to the director tube. The set screw is tightened onto the wire with simply no chance of over activating.

The spring is compressed and the Jet slides without friction. This modification is available with all Distal Jet™ and Spring Jet appliances.



Mambo Jet



Bowman



MDA



T-Rex



PHD



Sagittal

AOA

COMMUNICATION CENTER
800.262.5221
INTERNATIONAL 262.886.1050
FAX 262.886.6879

Please visit us at
www.aoaaccess.com

