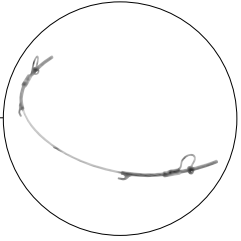


# Multi-Distalizing Arch™ (MDA)

Fixed Appliance for Non-Extraction Cases

Designed to rapidly distalize maxillary molars without the use of headgear.



# The better arch form for earlier torque control!

The **Multi-Distalizing Arch (MDA)** Appliance is a true multi-treatment device which reduces treatment time and cost, while improving patient comfort and cooperation.

Class II malocclusions may be corrected by combinations of restriction or redirection of maxillary or mandibular growth, distal movement of the maxillary dentition and mesial movement of the mandibular dentition. To establish a Class I molar relationship and create space in the lateral segments for the canines or premolars in non-extraction treatment modalities, distalization of the maxillary first molars is the aim. Commonly used mechanics include extra-oral forces such as headgear, requiring strict patient compliance.

The MDA appliance allows non-extraction treatment in severely crowded cases by allowing distal movement for creating space. First and second molars can successfully be distalized up to 8-10 millimeter without tipping. The appliance is not phase dependent and therefore can be used in mixed dentition.



## Clinical Case Study– 13 year male exhibiting Class II dental malocclusion

### Pre-treatment



*Patient exhibiting Class II dental malocclusion*



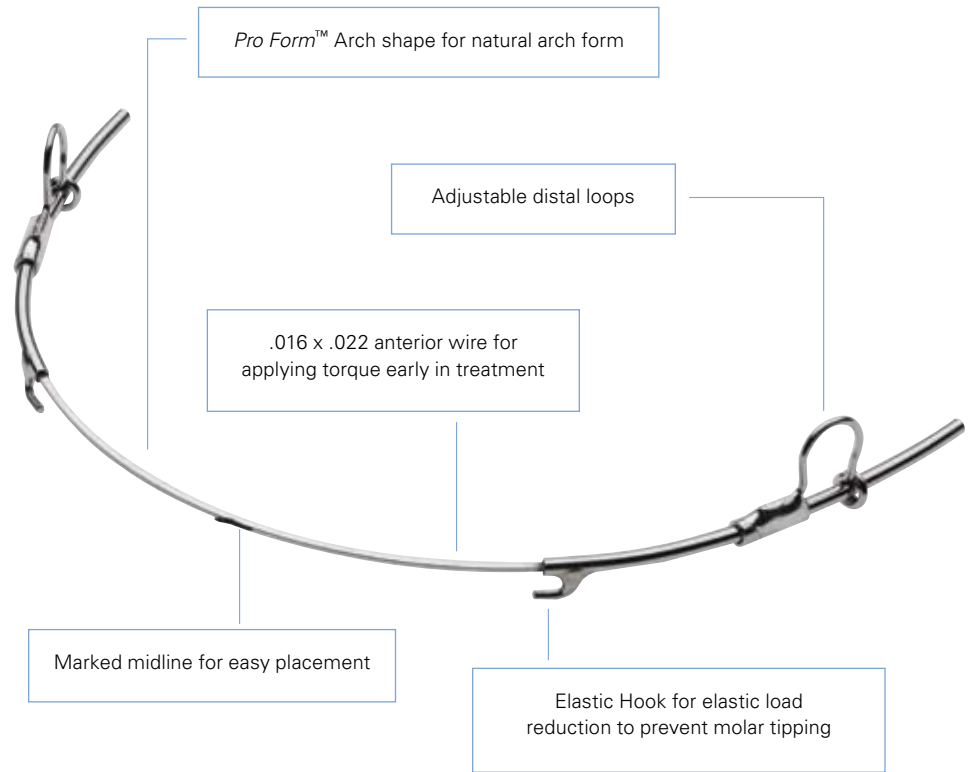
*Maxillary and mandibular arches exhibiting constriction and moderate to severe crowding*

### During Treatment



*Maxillary MDA has been seated and activated for and the right side continues to be activated.*





**The MDA Appliance can be used for:**

- Rapid bilateral or unilateral molar distalization in mandible or maxilla
- Rapid anterior retraction in maxilla
- Rapid anterior intrusion in maxilla



4 months. The left side is adequately distalized

Maxillary and mandibular arches were leveled, aligned and rotated. The mandibular molars were distalized using MDA to gain sufficient space for the crowded incisors and prevent forward movement of the anteriors.

**Post-treatment**



Photos taken 9 months post-treatment. Mandibular molars were distalized 5 mm per side. Maxillary molars were distalized 10 mm per side. All molars were translated bodily with minimal tipping. Distalization of the molars provided sufficient space to eliminate all of the crowding, reduce the overjet, open the bite and achieve Class I occlusion.



Images – Courtesy of Dr. Robert Gerety

# Multi-Distalizing Arch (MDA)

Individual Components	Measurement	Arches with Omega Adjustable Stop Catalog Number	Quantity	Arches without Omega Adjustable Stop Catalog Number	Quantity
Size 1	80mm	424-155	2 Per Pack	424-164	10 Per Pack
Size 2	83mm	424-156	2 Per Pack	424-165	10 Per Pack
Size 3	86mm	424-157	2 Per Pack	424-166	10 Per Pack
Size 4	89mm	424-158	2 Per Pack	424-167	10 Per Pack
Size 5	92mm	424-159	2 Per Pack	424-168	10 Per Pack
Size 6	95mm	424-160	2 Per Pack	424-169	10 Per Pack
Size 7	98mm	424-161	2 Per Pack	424-170	10 Per Pack
Size 8	101mm	424-161B	2 Per Pack	N/A	10 Per Pack
Size 9	104mm	424-161C	2 Per Pack	N/A	10 Per Pack
Omega Adjustable Stop	N/A	424-163	10 Per Pack		
Multi-Distalizing Arch Kit	80mm - 98mm	424-150	7 Per Pack		

Note: For single-patient use only. For more information on how to select the correct MDA component, please contact Customer Service and request the Instructions for Use.

## Ancillary Products



### Nitanium® Variable Force Spring

A Fixed Class II Spring used for patients who do not use their elastics.  
 .020 x .100 • 100-695  
 (4 Per pack)



### Nitanium Open Coil Spring

.010 x .045  
 Open Coil Spring - 15" spool  
 • 100-756



### Elite® Buccal Tubes

Available loose, direct bond or prewelded to bands.

Call Customer Service for more information on the following products, or consult the Ortho Organizers' Product Catalog:

- Upper 1st Molar Non-Convertible Buccal Tube
- Crystal Clear – Prepackaged Latex-Free Intraoral Elastics
- Epic™ Molar Bands
- Tempra™ Molar Bands

For more information on our products and educational offerings, please contact us:

In the U.S.: 800.547.2000

Outside the U.S.: +1.760.448.8600

Canada: CERUM. 800.661.9567

To fax an order: 800.888.7244

To email an order: [UsaSales@OrthoOrganizers.com](mailto:UsaSales@OrthoOrganizers.com)



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