

TURN CLASS II INTO SIMPLE CLASS I PATIENTS.



## THE CARRIERE<sup>®</sup> MOTION<sup>™</sup> APPLIANCE

fast

gentle

natural

 **HENRY SCHEIN<sup>®</sup>**  
ORTHODONTICS

*The New Movement In Orthodontics<sup>™</sup>*



# The Carriere Philosophy.

## Fast.

Shortens overall treatment time by up to four months as it treats Class II correction at the beginning of the orthodontic treatment, when there are no competing forces in the mouth caused by brackets or other appliances. This is also when the patient is the most motivated and compliance is at its highest. A Class II correction can usually be completed in an average of 3-4 months.

## Gentle.

The low force of the *Motion* Appliance is gentle on your patients, and its low-profile design is very comfortable to wear. By treating the Class II platform first, it simplifies the entire treatment for you, and provides greater comfort for your patients.

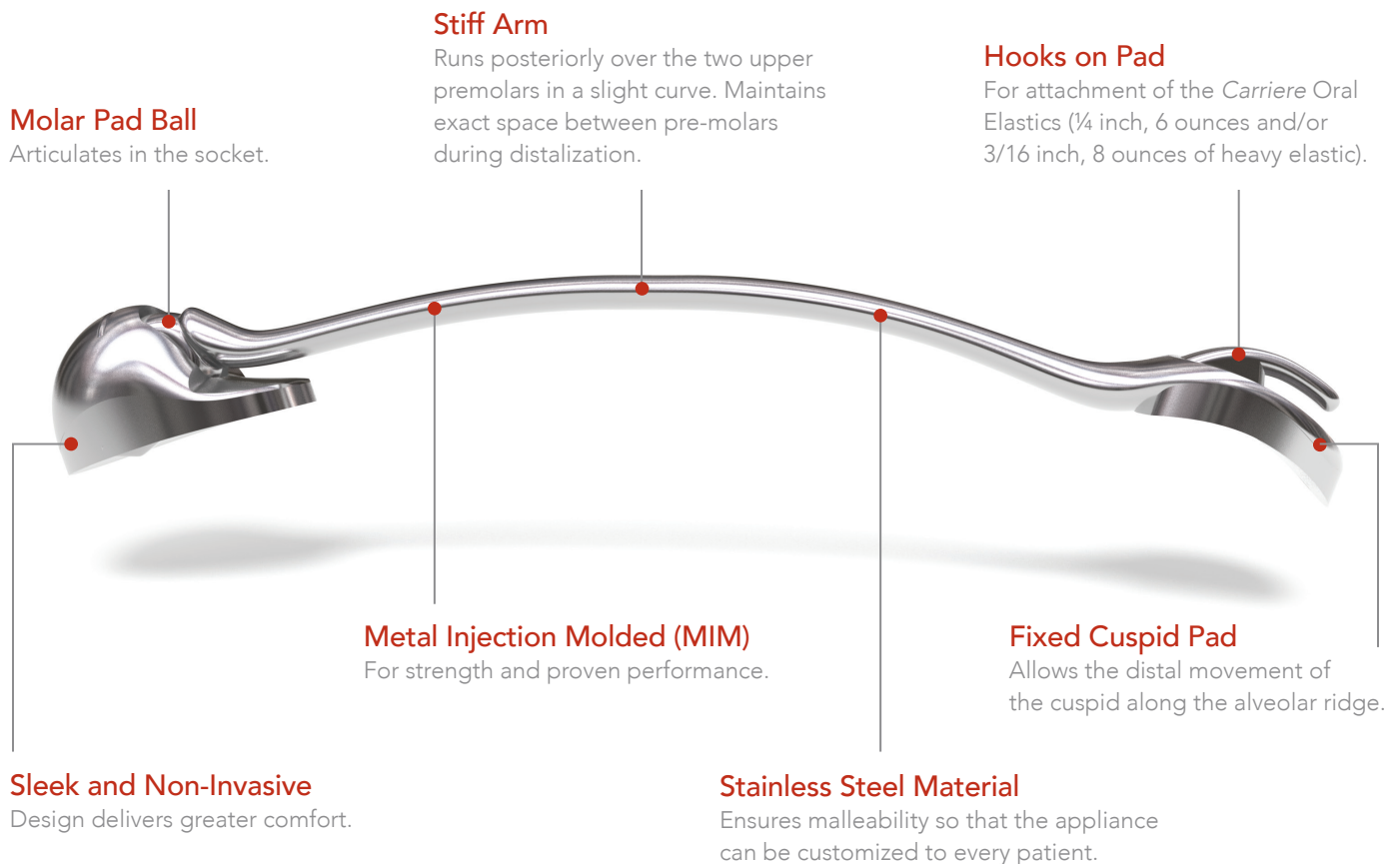
## Natural.

Mimicking a human hip ball-socket joint, the *Motion* Appliance allows the first molar to rotate and upright in its natural and correct finishing position, producing a continuous, natural, and uniform force for distal molar movement with controlled rotation and tipping correction. Built-in stops engineered in the appliance prevent the molars from over-rotating and the crowns from distal tipping. The *Motion* Appliance's low forces are biologically compatible during the Class II treatment.

# The Motion Appliance

**A huge move in the right direction for orthodontics.**

To limit extractions and to turn difficult Class II patients into simpler Class I patients is a dream come true for you and your patients. With its sleek, aesthetic and non-invasive design, the *Motion* Class II Correction Appliance provides greater comfort and shortens treatment time by up to four months. Delivering a natural, gentle, and uniform force for distal molar movement with controlled rotation and tipping correction before brackets or other appliances are placed, the *Motion* Appliance solves complex problems almost effortlessly.

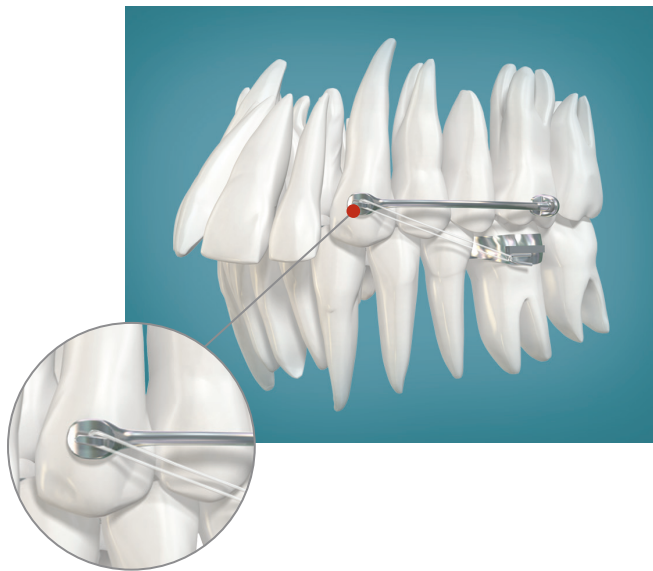


**Loose but Controlled Forces:** The ball and socket joint provides maximum freedom of movement, but also has built-in stops that allow the molars to move directly to their desired position while preventing any unwanted over rotation or tipping.

## Going from Class II to Class I has never been easier.

The *Motion Appliance* is a direct bond appliance that attaches to the maxillary canine and first permanent molar, providing a simple procedure for turning complex Class II patients into a Class I Platform. Once a Class I condition is achieved, malocclusions become easier to treat and can be finished with your preferred orthodontic technique. Since there are no competing forces in the mouth when using this appliance, average Class II correction can usually be achieved in just three to four months.

- Eliminates wire changes and the distorting collateral forces that appear with every wire activation used in traditional methods.
- Respects periodontal structures.
- Patients are treated faster with less discomfort.
- High level of patient compliance as the appliance is aesthetically pleasing, and used during the initial phase of treatment when patient's motivation is still high.



**Fig. A** | The *Motion Appliance* with elastics running from cuspid hook to lower mandibular molar. A perfect Class I Platform when the relationship from cuspid to molar is in ideal centric relation with centric occlusion.

### How it Works.

- Corrects the posterior occlusion to an ideal Class I Platform first by rotating and uprighting the maxillary first molars while distalizing the posterior segment, from canine or premolar to molars, into a perfect occlusion.
- Simultaneously produces a light, uniform force for distal molar movement.
- Independently moves each posterior segment, from canine or premolar to molar, as a unit.
- Used at the beginning of treatment when there are no competing forces in the mouth allows the distalization of the molars and premolars from 3 to 6 mm range, on average.

### Indications.

- Most effective in treating Class II symmetrical and asymmetrical malocclusions without the need for extractions.
- May also be used in many Class I patients with mesially positioned maxillary molars.
- Growing patients are ideal, but adults may be treated as well.
- Mixed dentition Class II patients with fully erupted molars are candidates for Phase 1 treatment to establish a Class I Platform.



## Ease of Placement.

The *Motion* Appliance is placed on the maxillary arch, but requires a solid and consistent source of anchorage in the mandibular arch to avoid protrusion of the lower incisors (a lower Essix appliance with direct bonded tubes on lower molars, a passive lingual arch, a full mandibular fixed appliance, or mini-screws). Once the appliance is bonded, the Oral Elastics are attached from the mandibular molar to the hook of the maxillary cuspid of the *Motion* Appliance to activate.

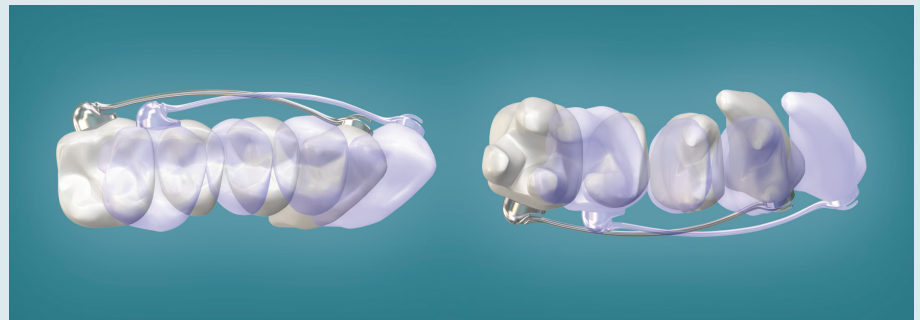
## The Movement Created by the Motion.

Bodily distalizes the maxillary posterior segments as a block while correcting upper first molar rotation and uprighting. The posterior portion of the *Motion* Appliance accomplishes three types of molar movement:

1. Uprighting of the crown, if it is mesially inclined (*Fig. 01*). Once the molar has been uprighted, the articulation of the ball with the socket prevents distal tipping.
2. Distal rotation around the palatal root. When the maxillary first molar is mesially rotated around the palatal root, the molar occlusion may appear to be Class II, while in reality it is Class I with the canines in a cusp-to-cusp relationship (*Fig. 02*). When the molar has been de-rotated, the shoulder of the posterior base contacts the mesial arm to prevent over-rotation.
3. Distal displacement without concurrent distal tipping of the crown.



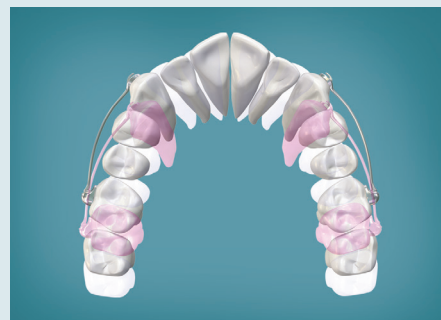
**Fig. 01** | Provides controlled molar rotation and uprighting.



**Fig. 02** | The maxillary molars are distalized and rotated, providing a platform for maxillary canines to occlude in a Class I relationship.



**Fig. 03** | With mesially rotated molars, cuspids cannot occlude in Class I relationship.



**Fig. 04** | Independently moves each posterior segment, from canine or premolar to molar, as a unit.

# Class II Correction with Clear Aligner Systems.

The *Motion* Appliance may be used with patients who want to be treated with clear aligners, but display a Class II malocclusion. This allows practitioners to treat more patients requesting clear aligners without limitations. Now complex Class II malocclusion patients can be “jump started” with the *Motion* Appliance and finished with a clear aligner system.












## The Motion Appliance

Description / Size				Item Numbers LEFT & RIGHT (1 SET)
KITS				
Motion Standard Kit (1 set of each 23, 25, 27 mm)				424-900CN
Motion Master Kit (1 set of each 16, 18, 20, 23, 25, 27 mm)				424-901CN
Motion Mega Kit (20 sets) 2 sets of 16 mm 3 sets of 18 mm 2 sets of 20 mm 3 sets of 23 mm 6 sets of 25 mm 4 sets of 27 mm				424-902CN
Description / Size	Color-Code	Item Numbers LEFT	Item Numbers RIGHT	Item Numbers LEFT & RIGHT (1 SET)
FIRST BICUSPID TO FIRST MOLAR*				
Motion 12 mm	-	424-912LN	424-912RN	424-912CN
Motion 13 mm	-	424-913LN	424-913RN	424-913CN
Motion 14 mm	-	424-914LN	424-914RN	424-914CN
Motion 15 mm	-	424-915LN	424-915RN	424-915CN
Motion 16 mm	White	○ 424-916LN	○○ 424-916RN	424-916CN
Motion 17 mm	-	424-917LN	424-917RN	424-917CN
Motion 18 mm	Blue	● 424-918LN	●● 424-918RN	424-918CN
Motion 19 mm	-	424-919LN	424-919RN	424-919CN
Motion 20 mm	Pink	● 424-920LN	●● 424-920RN	424-920CN
Motion 21 mm	-	424-921LN	424-921RN	424-921CN

\*\*First Bicuspid to First Molar” and “Cuspid to First Molar” descriptions are an estimated guide of use. The size of the *Motion* Appliance and span of teeth are dependent upon the age and size of each patient.

Ask for your free copy of “Class II Correction with Invisalign and Carriere Distalizer” by Dr. Schupp • 999-243

## The Motion Appliance

Description / Size	Color-Code	Item Numbers LEFT	Item Numbers RIGHT	Item Numbers LEFT & RIGHT (1 SET)
CUSPID TO FIRST MOLAR*				
Motion 22 mm	-	424-922LN	424-922RN	424-922CN
Motion 23 mm	 Yellow	  424-923LN	424-923RN	424-923CN
Motion 24 mm	-	424-924LN	424-924RN	424-924CN
Motion 25 mm	 Red	  424-925LN	424-925RN	424-925CN
Motion 26 mm	-	424-926LN	424-926RN	424-926CN
Motion 27 mm	 Green	  424-927LN	424-927RN	424-927CN
Motion 28 mm	-	424-928LN	424-928RN	424-928CN
Motion 29 mm	-	424-929LN	424-929RN	424-929CN
Motion 30 mm	-	424-930LN	424-930RN	424-930CN
Motion 31 mm	-	424-931LN	424-931RN	424-931CN
Motion 32 mm	-	424-932LN	424-932RN	424-932CN
Motion 33 mm	-	424-933LN	424-933RN	424-933CN
Motion 34 mm	-	424-934LN	424-934RN	424-934CN
Description / Size				Item Numbers
ACCESSORIES				
Typodont-26 mm Motion with Lingual Arch				631-017D
Typodont-Motion with Clear Aligner				631-017DNE
Motion Elastics - Force 1, $\frac{1}{4}$ " , 6 oz (50 packs of 100 elastics)				424-9F1
Motion Elastics - Force 2, $\frac{3}{16}$ " , 8 oz (50 packs of 100 elastics)				424-9F2
Motion Storage Tray (1/pk)				CDA-TRAY
Fixed Lingual Contour Arch Appliance for Lower Anchorage Kit (5 of each size)				032-060
Fixed Lingual Contour Arch Appliance for Lower Anchorage, Size 1 (5/pk)				032-061
Fixed Lingual Contour Arch Appliance for Lower Anchorage, Size 2 (5/pk)				032-062
Fixed Lingual Contour Arch Appliance for Lower Anchorage, Size 3 (5/pk)				032-063
Fixed Lingual Contour Arch Appliance for Lower Anchorage, Size 4 (5/pk)				032-064
Essix, A+ .040 (100/pk)				617-4402

\*"First Bicuspid to First Molar" and "Cuspid to First Molar" descriptions are an estimated guide of use. The size of the Motion Appliance and span of teeth are dependent upon the age and size of each patient.

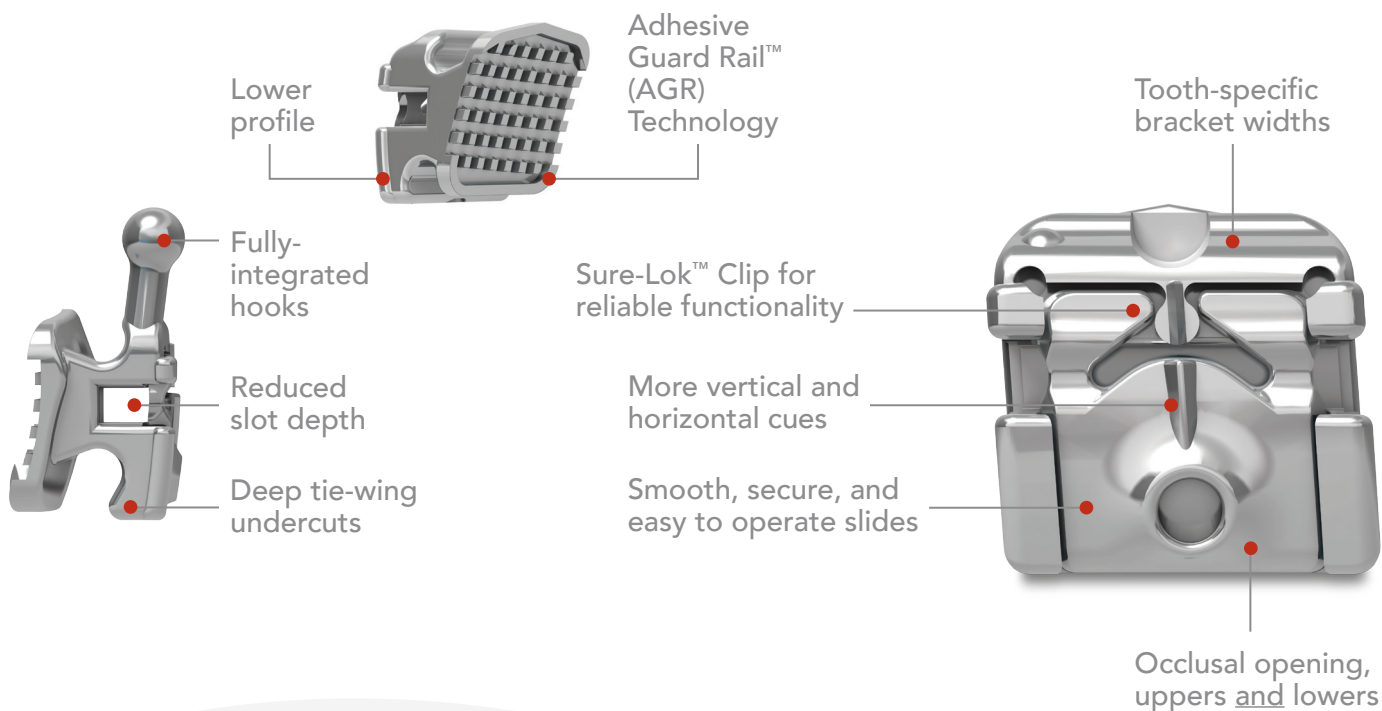
## Carriere Oral Elastics



Complement the *Motion Appliance* with *Carriere Oral Elastics*, which were designed specifically to work seamlessly with this appliance and provide optimum results. These elastics are available in two different force levels for both stages of treatment, ensuring a smooth and timely transition to a Class I Platform.

## Introducing the All-New Carriere **SLX™** Bracket System

Our new passive self-ligating system incorporates more than ten clinician inspired enhancements – all designed to enable you to finish treatment more quickly and with the degree of quality that you expect. Try the *SLX* System today, and see why it's a game changer for you, your patients, and your practice.



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