

TURN CLASS II INTO SIMPLE CLASS I PATIENTS.



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



**CARRIERE<sup>®</sup>**  
Shifting the way you think about orthodontics.



# 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 *Carriere 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.

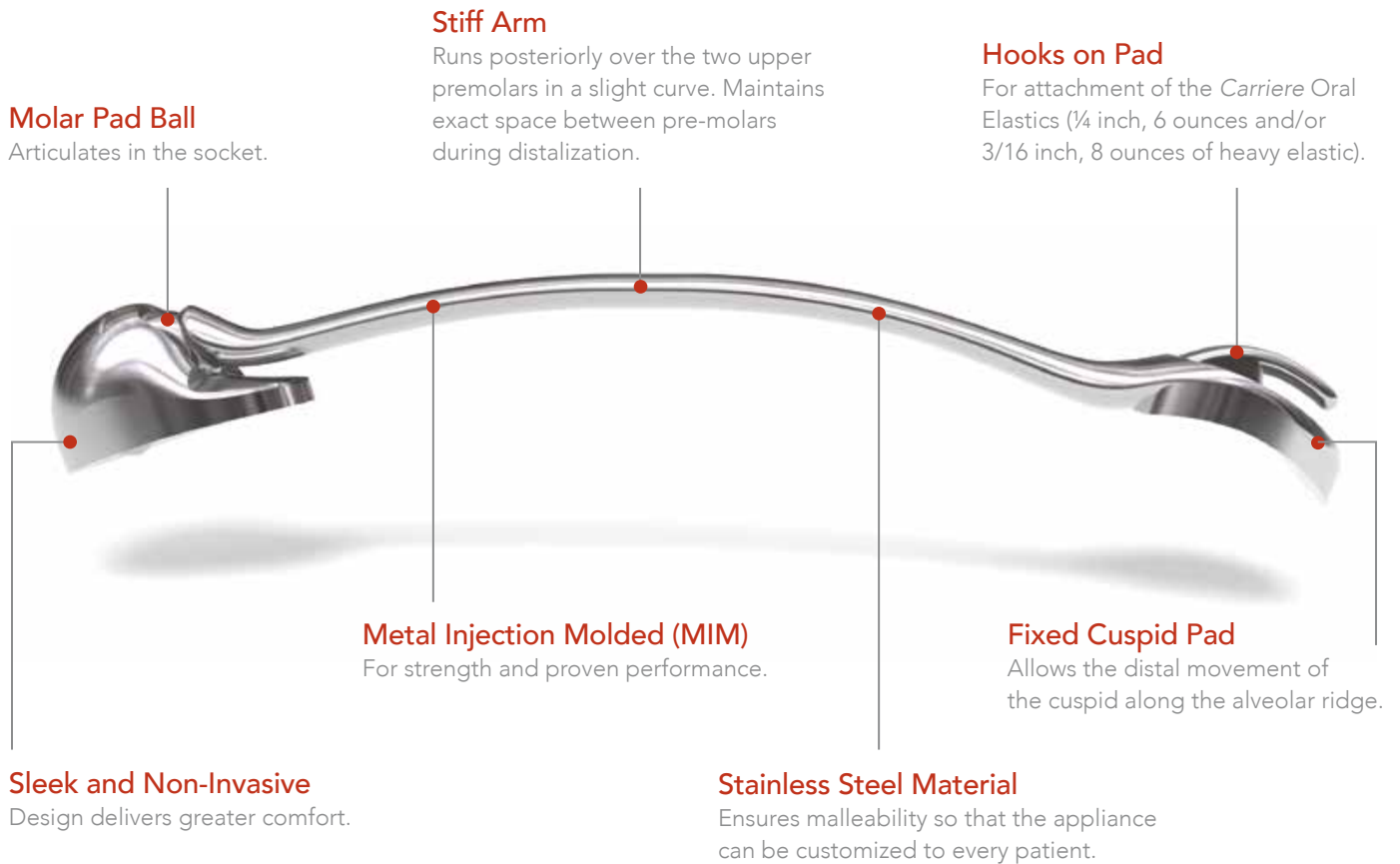
## Natural.

Mimicking a human hip ball-socket joint, the *Carriere 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 *Carriere Motion* Appliance's low forces are biologically compatible during the Class II treatment.

# The Carriere 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 *Carriere 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 *Carriere Motion* Appliance solves complex problems almost effortlessly.

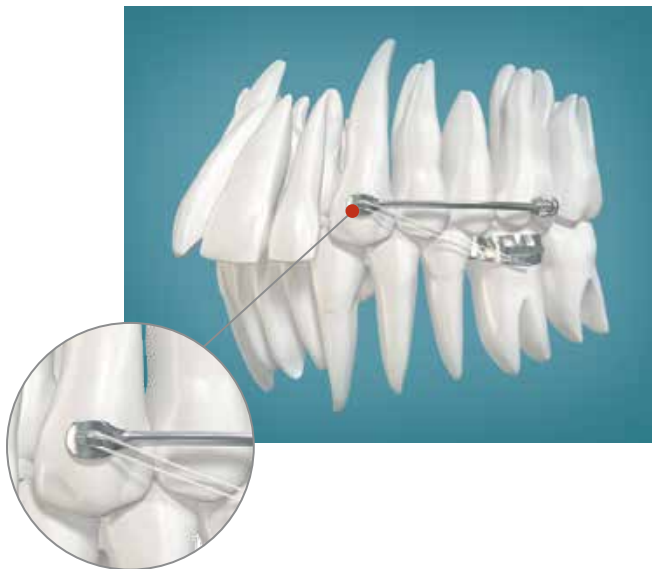


**Loose but Controlled Forces:** The ball and socket joint provides maximum freedom of movement, but also has built-in stops that allow the molars to move directly to their desired position while preventing any unwanted over rotation or tipping.

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

The *Carriere 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** | *Carriere Motion* with *Carriere Oral Elastic* attached to hook on the cuspid pad. Class I Platform is present when a cuspid occlusion, in which centric relation coincides with centric occlusion, and the molar occlusal relationships are a perfect Class I.

### How it Works.

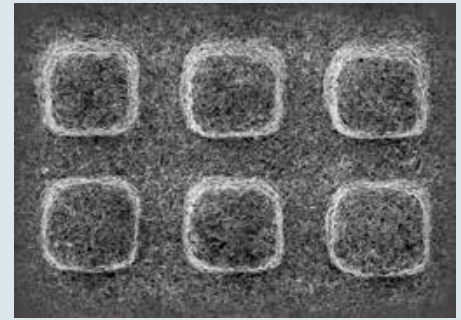
- Corrects the posterior occlusion to an ideal Class I Platform first by rotating and uprighting the maxillary first molars while distalizing the posterior segment, from canine or premolar to molars, into a perfect occlusion.
- Simultaneously produces a light, uniform force for distal molar movement.
- 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 *Carriere 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 *Carriere Oral Elastics* are attached from the mandibular molar to the hook of the maxillary cuspid of the *Carriere Motion Appliance* to activate.



**Fig. B** | The *Carriere* with the LX Difference: Micro-etched surface for increased bond strength.

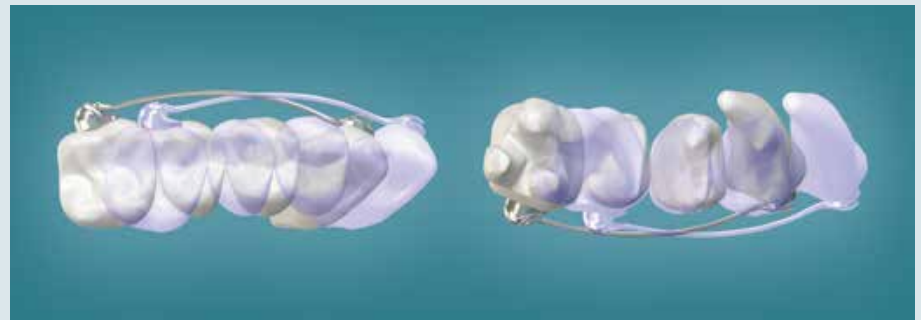
## The Movement Created by the *Carriere Motion*.

Bodily distalizes the maxillary posterior segments as a block while correcting upper first molar rotation and uprighting. The posterior portion of the *Carriere 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 *Carriere 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 *Carriere Motion* Appliance and finished with a clear aligner system.









## The Carriere Motion Appliance

Description / Size	Item Numbers LEFT & RIGHT (1 SET)
<b>KITS</b>	
<i>Carriere Motion</i> Standard Kit (1 set of each 23, 25, 27 mm)	424-900CN
<i>Carriere Motion</i> Master Kit (1 set of each 16, 18, 20, 23, 25, 27 mm)	424-901CN
<i>Carriere Motion</i> 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)
<b>FIRST BICUSPID TO FIRST MOLAR*</b>				
<i>Carriere Motion</i> 12 mm	-	424-912LN	424-912RN	424-912CN
<i>Carriere Motion</i> 13 mm	-	424-913LN	424-913RN	424-913CN
<i>Carriere Motion</i> 14 mm	-	424-914LN	424-914RN	424-914CN
<i>Carriere Motion</i> 15 mm	-	424-915LN	424-915RN	424-915CN
<i>Carriere Motion</i> 16 mm	White	○ 424-916LN	○○ 424-916RN	424-916CN
<i>Carriere Motion</i> 17 mm	-	424-917LN	424-917RN	424-917CN
<i>Carriere Motion</i> 18 mm	Blue	● 424-918LN	●● 424-918RN	424-918CN
<i>Carriere Motion</i> 19 mm	-	424-919LN	424-919RN	424-919CN
<i>Carriere Motion</i> 20 mm	Pink	● 424-920LN	●● 424-920RN	424-920CN
<i>Carriere Motion</i> 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 *Carriere 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 Carriere Motion Appliance

Description / Size	Color-Code	Item Numbers LEFT	Item Numbers RIGHT	Item Numbers LEFT & RIGHT (1 SET)
<b>CUSPID TO FIRST MOLAR*</b>				
Carriere Motion 22 mm	-	424-922LN	424-922RN	424-922CN
Carriere Motion 23 mm	Yellow	 424-923LN	  424-923RN	424-923CN
Carriere Motion 24 mm	-	424-924LN	424-924RN	424-924CN
Carriere Motion 25 mm	Red	 424-925LN	  424-925RN	424-925CN
Carriere Motion 26 mm	-	424-926LN	424-926RN	424-926CN
Carriere Motion 27 mm	Green	 424-927LN	  424-927RN	424-927CN
Carriere Motion 28 mm	-	424-928LN	424-928RN	424-928CN
Carriere Motion 29 mm	-	424-929LN	424-929RN	424-929CN
Carriere Motion 30 mm	-	424-930LN	424-930RN	424-930CN
Carriere Motion 31 mm	-	424-931LN	424-931RN	424-931CN
Carriere Motion 32 mm	-	424-932LN	424-932RN	424-932CN
Carriere Motion 33 mm	-	424-933LN	424-933RN	424-933CN
Carriere Motion 34 mm	-	424-934LN	424-934RN	424-934CN

Description / Size	Item Numbers
<b>ACCESSORIES</b>	
Typodont-26 mm Carriere Motion with Lingual Arch	631-017D
Typodont-Carriere Motion with Clear Aligner	631-017DNE
Carriere Motion Elastics - Force 1, $\frac{1}{4}$ " , 6 oz (50 packs of 100 elastics)	424-9F1
Carriere Motion Elastics - Force 2, $\frac{3}{16}$ " , 8 oz (50 packs of 100 elastics)	424-9F2
Carriere 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 Carriere Motion Appliance and span of teeth are dependent upon the age and size of each patient.  
U.S. Patent Nos. 7,618,257; 6,976,839; 7,238,022

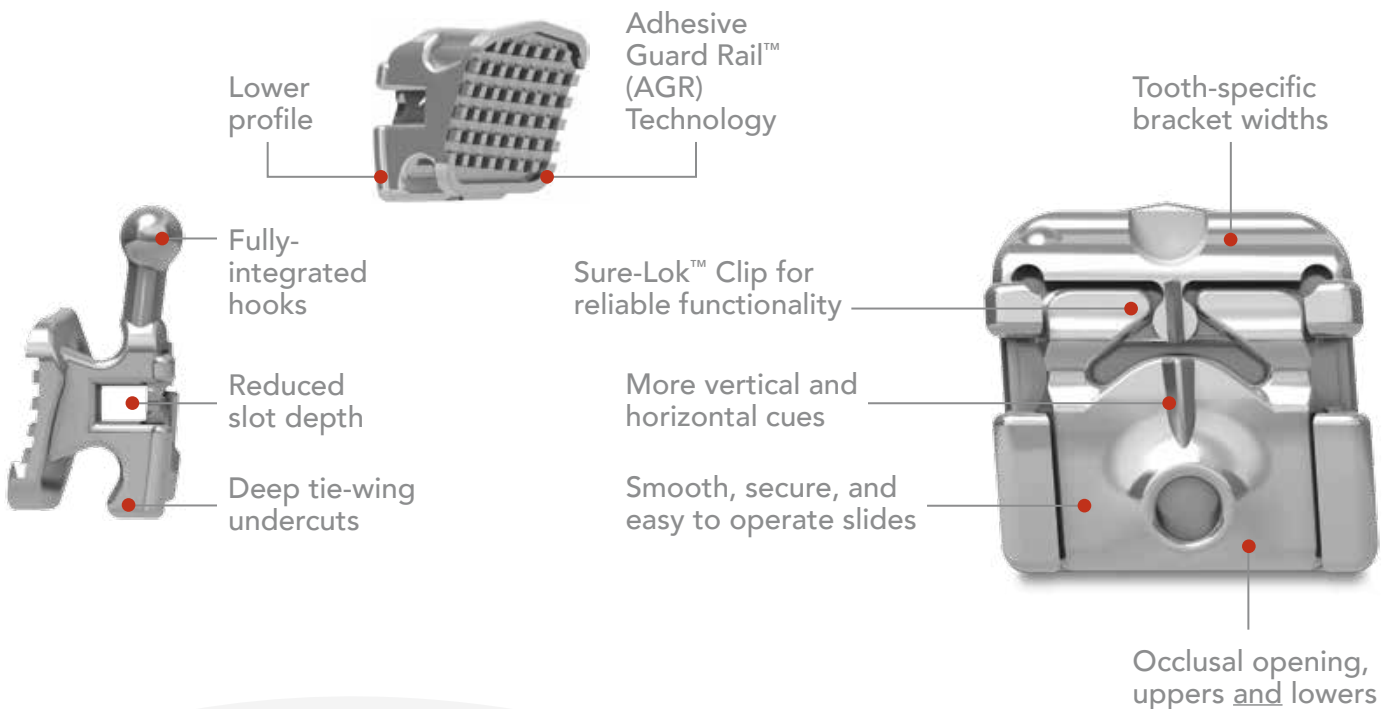
## Carriere Oral Elastics



Complement the *Carriere 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 *Carriere SLX System* today, and see why it's a game changer for you, your patients, and your practice.



For more information on our products and educational offerings, please contact us:  
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 IntlOrders@HenryScheinOrtho.com



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 Shifting the way you think about orthodontics.