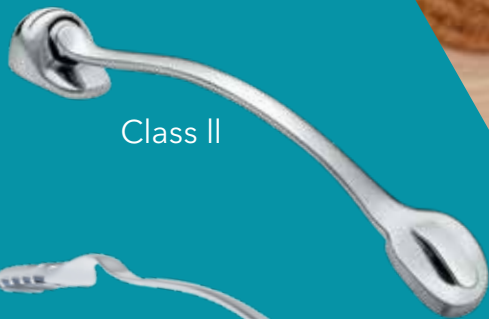


CARRIERE® | MOTION3D™

Standardize, Simplify &  
Shorten Treatment with  
Predictable Results



Class II



Class III

 HENRY SCHEIN™  
ORTHODONTICS

*The New Movement In Orthodontics™*





## SAGITTAL FIRST™

The *SAGITTAL FIRST*™ Philosophy is a ground-breaking approach that standardizes, simplifies, and shortens Class II and Class III treatment. It employs the *Carriere*® *MOTION 3D*™ Appliance to treat the AP dimension at the beginning of treatment before placing brackets or aligners. By resolving the most difficult part of treatment first, you can achieve a Class I platform in 3 to 6 months, shortening total treatment time by a minimum of 6 months.<sup>1</sup> You know how excited patients and parents get when you mention shorter treatment times!

*"The *MOTION 3D* has changed the way that we practice orthodontics. By implementing Sagittal First protocols with the *MOTION 3D* Appliance, bite correction is addressed more elegantly and with improved treatment efficiencies. We are seeing fewer complications and treatment times decreased by as much as 50%."*

– Dr. Jep Paschal

<sup>1</sup> "Treatment Effects of the Carriere Distalizer (*MOTION 3D*) Using Lingual Arch and Full Fixed Appliances," *Journal of the World Federation of Orthodontists*, May 2014.

# The Ultimate Success Formula

## SAGITTAL FIRST: Standardizes and Simplifies Treatment

- Utilizes same treatment protocol no matter the malocclusion type
- Simplifies treatment and planning
- Eliminates lab time delays with direct-bond placement

## SAGITTAL FIRST: Shortens Overall Treatment by up to 6 Months

- Eliminates competing forces associated with AP correction while wearing fixed appliances
- Fosters greater patient compliance at the start of treatment, when patient motivation is highest
- Establishes a Class I platform in 3 to 6 months, faster than any other appliance on the market today<sup>2</sup>

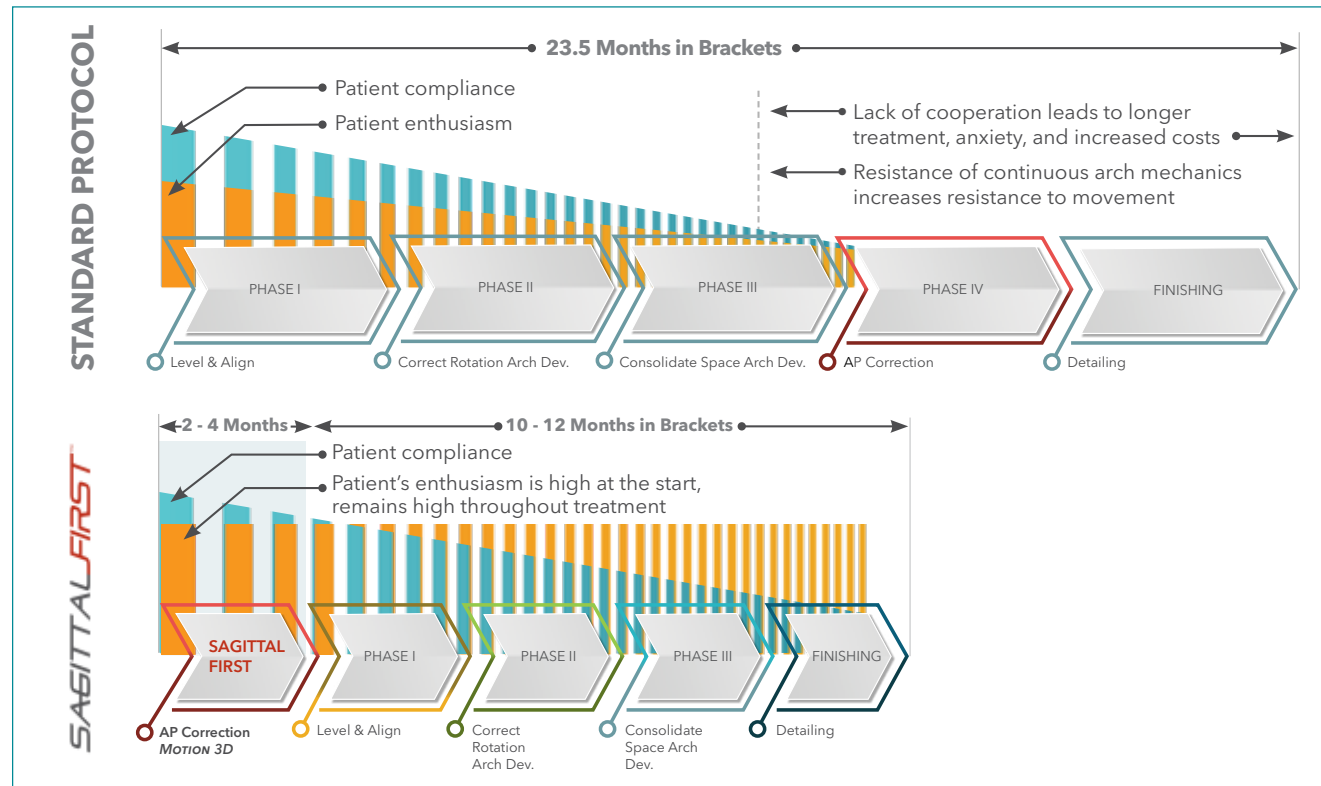
## SAGITTAL FIRST: Increases Conversion Rates with Same-Day Starts

- *MOTION 3D* can be bonded immediately after the consult
- Takes under 15 minutes to place and educate the patient
- Minimize extractions to help build your practice

## SAGITTAL FIRST: Offers More Treatment Options for Patients

- *MOTION 3D* provides simple bite correction for clear aligner treatment
- Offers opportunity to postpone decision about whether to finish with brackets or aligners based on compliance, hygiene, and treatment progress

## Treatment Workflow Comparison

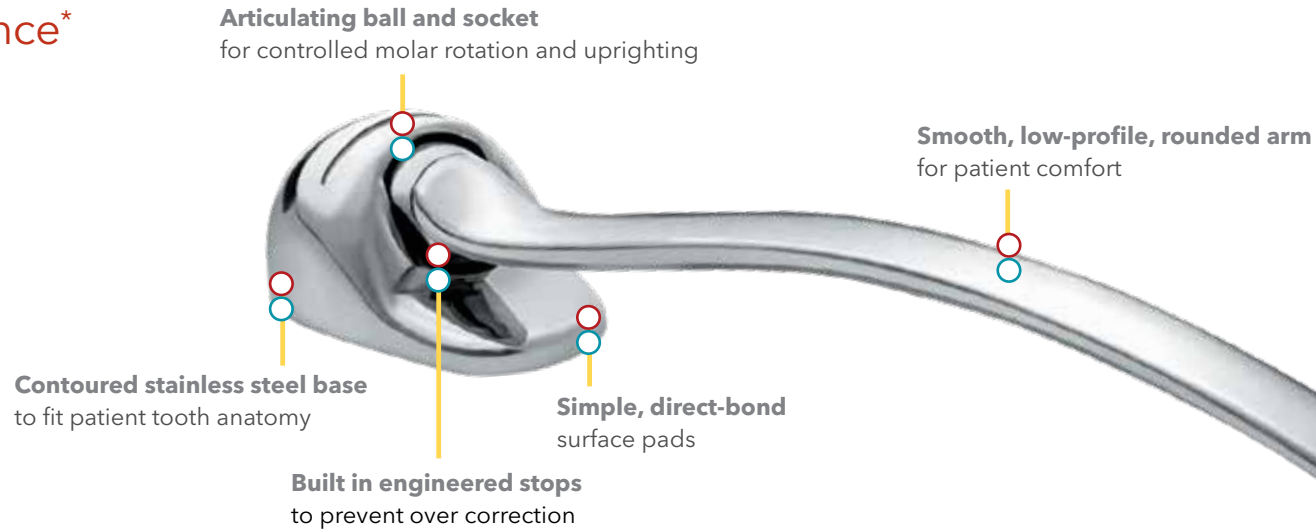


<sup>2</sup>"Treatment Effects of the Carriere Distalizer (*MOTION 3D*) Using Lingual Arch and Full Fixed Appliances," Journal of the World Federation of Orthodontists, May 2014.

# A Closer Look

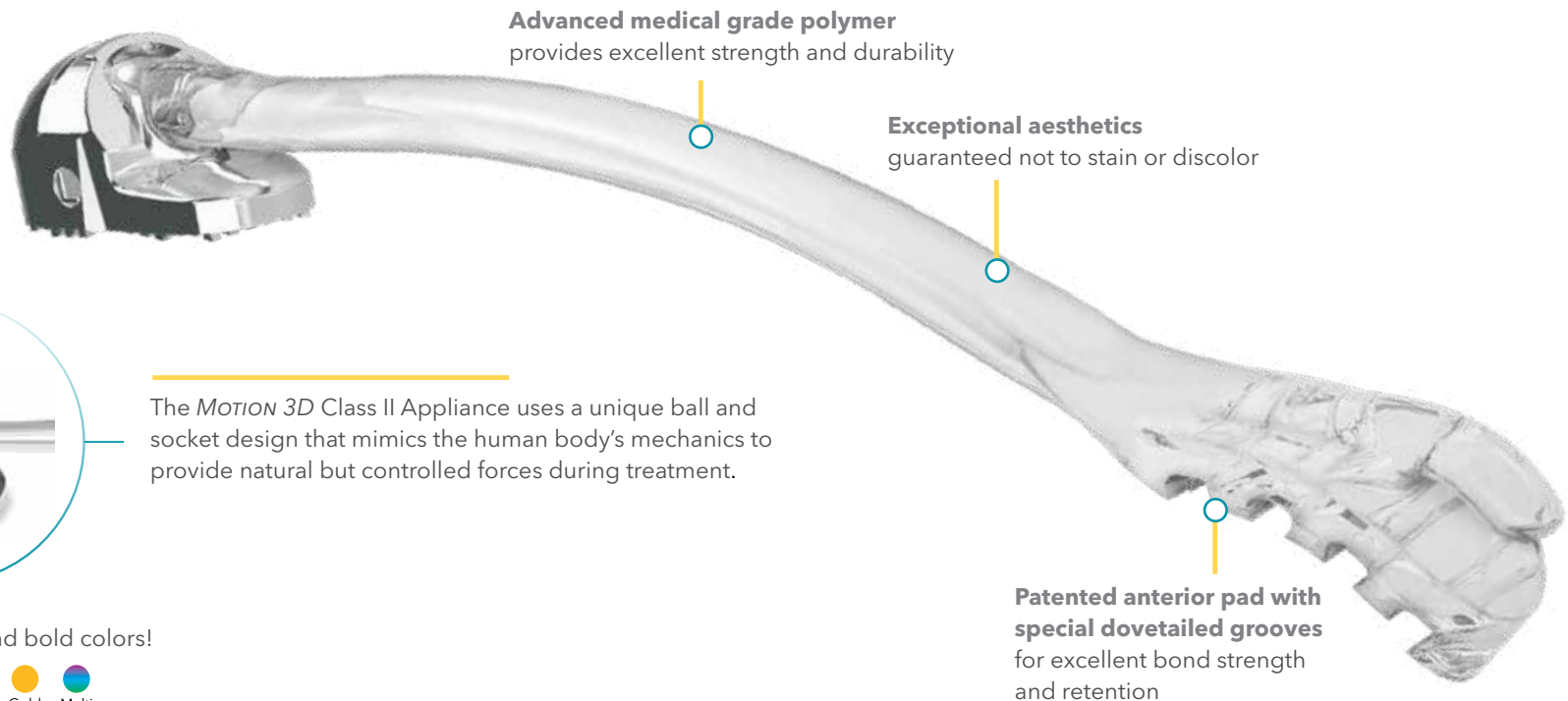
## MOTION 3D Class II Appliance\*

○ CLASS II



## MOTION 3D CLEAR Class II Appliance

○ CLEAR CLASS II



The *MOTION 3D* Class II Appliance uses a unique ball and socket design that mimics the human body's mechanics to provide natural but controlled forces during treatment.

\*Available in fun and bold colors!



# How the CLASS II Appliance Works

## Indications:

- Class 1, Crowding
- Class II, Division 1
- Class II, Division 2
- Class II, Open bite
- Class II, Deep bite
- Class II, Blocked out upper cuspids
- Class II, Subdivision, left or right (unilateral)
- Mixed Dentition (Phase 1)

The *MOTION 3D* Class II Appliance is used to employ the *SAGITTAL FIRST* Philosophy to achieve an ideal Class I platform at the beginning of treatment prior to placing brackets or aligners when there are no completing forces operating and patient compliance is at its highest.

## Setup:

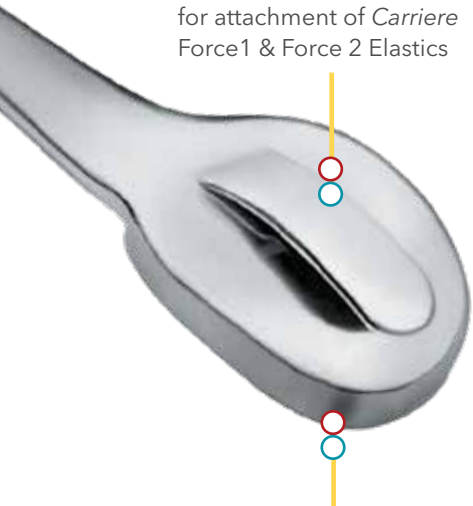
- Appliance is bonded from the upper first molar to the cuspid or bicuspid
- Bondable hook or molar tube is bonded to the lower first or second molar
- Elastics connect the appliance to the bondable hook or molar tube
- Essix-type retainer, clear aligner, or lingual arch provides anchorage for mandibular arch



**Using gentle, uniform forces, the *MOTION 3D* Appliance achieves ideal Class I occlusion by simultaneously:**

1. Rotating the maxillary first molars around the palatal root
2. Uprighting the maxillary first molars
3. Distalizing the maxillary posterior segment - from canine or first premolar to first molar, as a unit

**Sleek hook on pad**  
for attachment of *Carriere*  
Force1 & Force 2 Elastics



**Fixed cuspid pad**  
allows the distal  
movement of the cuspid  
along the alveolar ridge  
without tipping

**Before *MOTION 3D***



**After *MOTION 3D***



**Before *MOTION 3D***



**After *MOTION 3D***



## Results from *MOTION 3D*:

1. Upper first molars rotate into correct position
2. AP corrected - Class I molar and cuspid relationships achieved
3. Anterior crowding resolved (with extra space!)
4. Overjet and overbite deep bite corrected
5. Movement averages from 3 mm to 6 mm

# MOTION 3D in Action

**Patient:**  
11 years old  
**Malocclusion:**  
Class II, Division 2



Initial



Final

Initial



3 Months - Class I Platform Achieved



8 Months - Carriere SLX Brackets Progress Photos



13 Months - Final



**Total Treatment Time: 13 Months**

MOTION 3D Appliance (3 Months) + SLX Brackets (10 Months)

Case provided by Dr. Dave Paquette

**Patient:**  
29 years old  
**Malocclusion:**  
Class II, Open Bite



Initial



Final

Initial



2.5 Months - Class I Platform Achieved



11 Months - Carriere SLX Brackets Removed



11 Months - Final



**Total Treatment Time: 11 Months**

MOTION 3D Appliance (2.5 Months) + SLX Brackets (8.5 Months)

Case provided by Dr. Luis Carrière

# MOTION 3D + SLX Clear Aligners A Complete System

## Let *MOTION 3D* do the heavy lifting for you!

The *SAGITTAL FIRST* Philosophy utilizing the *MOTION 3D CLEAR™* Appliance is designed to simplify and standardize your aligner cases, reducing total treatment time and both the number of attachments and aligners required.

**CASE #1  
Pretreatment**



**Simulation with  
Aligners Only**



**Class I Occlusion  
with 70 Aligners**  
18+ Months



**FINAL with 83 Aligners**  
20+ Months  
Assumes No Revisions

**Sagittal First with  
*MOTION 3D CLEAR*  
Prior to Aligners**



**Class I Occlusion  
with *MOTION 3D CLEAR***  
Average 3 to 4 Months



**FINAL with 28 Aligners**  
10 Months Total with  
*MOTION 3D CLEAR* & Aligners

|                | Conventional<br>Approach with<br>Aligners Only | <b><i>Sagittal First</i> with<br/><i>MOTION 3D CLEAR</i><br/>Prior to Aligners</b> | %<br>Fewer<br>Aligners |
|----------------|--|--|------------------------|
| <b>CASE #1</b> | 83 Aligners                                    | 28 Aligners  | 66%                    |
| <b>CASE #2</b> | 45 Aligners                                    | 13 Aligners  | 71%                    |
| <b>CASE #3</b> | 39 Aligners                                    | 21 Aligners  | 48%                    |

**66%  
FEWER**  
Aligners with  
*MOTION 3D*!



*By correcting the sagittal first with *MOTION 3D*,  
I've reduced my number of aligners by an  
average of 62%! I've improved facial aesthetics,  
airway and TMJ when needed - in a way that I  
am not able to do with aligners alone."*

— Dr. Luis Carrière

**Visit [SLXClearAligners.com](http://SLXClearAligners.com) for fast  
and easy case setups!**

*Treated cases and case simulations by Dr. Luis Carrière.*

# MOTION 3D Class III Appliance

## Treat Class III Malocclusions using the *SAGITTAL FIRST* Philosophy

The *MOTION 3D* Class III Appliance is a minimally invasive appliance intended to treat Class III malocclusions without extractions, painful orthognathic surgery or uncomfortable and obtrusive face masks. The *MOTION 3D* Class III Appliance is as easy to place as a bracket or buccal tube, and is designed to provide predictable results, preserving the patient's natural features while creating a harmonious, balanced profile.

Similar to its Class II counterpart, the patient-friendly *MOTION 3D* Class III Appliance is used at the beginning of treatment, prior to braces or aligners, to deliver rapid AP correction. By following the *SAGITTAL FIRST* Philosophy powered by the *MOTION 3D* Class III Appliance, overall treatment time is reduced by several months.

Simple, reliable, direct-bond attachment points

Universal left and right design for simple inventory management

Sleek hook on pad for attachment of *Carriere* Force 1 Elastics

Patented posterior pad with special dovetailed grooves for excellent bond strength and retention

Multi-lateral flexion at the center and distal segments, allowing a custom anatomical fit and gentle repositioning/uprighting of the molar

High flexibility and unique spring-back qualities to resist deformation

Patented anterior pad with special dovetailed grooves for excellent bond strength and retention

### Indications:

- Class I, Crowding
- Class III, Deep Bite
- Class III, Open Bite
- Class III, Unilateral
- Class III, Cleft Palate
- Mixed Dentition (Phase 1)
- As an alternative to surgery



# MOTION 3D in Action

**Patient:** Adult

**Malocclusion:** Class III

**Reason for Treatment:**

Wanted an alternative to surgery



Initial



3.5 Months - Class I Platform Achieved



3.5 Months - Carriere SLX Brackets Placed



15.5 Months - Carriere SLX Brackets Removed



15.5 Months - Final



**Total Treatment Time: 15.5 Months**








*MOTION 3D* Appliance (3.5 Months) + SLX Brackets (12 Months)

Case provided by Dr. Luis Carrière

To learn more about this patient and his treatment, visit: [bit.ly/MOTIONClassIIIPatient](https://bit.ly/MOTIONClassIIIPatient) or scan the QR code.



## CLASS II APPLIANCES

| DESCRIPTION   | SIZE  | COLOR CODE | LEFT      | RIGHT     | SET       |
|---|-------|------------|-----------|-----------|-----------|
| <b>MOTION 3D CLEAR</b><br>Class II Appliance<br><br><b>CLEAR</b>     | 16 mm | ○          | 424-816LC | 424-816RC | 424-816C  |
|   | 18 mm | ●          | 424-818LC | 424-818RC | 424-818C  |
|   | 20 mm | ●          | 424-820LC | 424-820RC | 424-820C  |
|   | 23 mm | ●          | 424-823LC | 424-823RC | 424-823C  |
|   | 25 mm | ●          | 424-825LC | 424-825RC | 424-825C  |
|   | 27 mm | ●          | 424-827LC | 424-827RC | 424-827C  |
| <b>MOTION 3D COLORS</b><br>Class II Appliance<br><br><b>SILVER*</b>  | 16 mm | ○          | 424-916LN | 425-916RN | 425-916CN |
|   | 18 mm | ●          | 424-918LN | 425-918RN | 425-918CN |
|   | 20 mm | ●          | 424-920LN | 425-920RN | 425-920CN |
|   | 23 mm | ●          | 424-923LN | 425-923RN | 425-923CN |
|   | 25 mm | ●          | 424-925LN | 425-925RN | 425-925CN |
|   | 27 mm | ●          | 424-927LN | 425-927RN | 425-927CN |
| <b>MOTION 3D COLORS</b><br>Class II Appliance<br><br><b>BLUE</b>     | 16 mm | ○          | 425-116L  | 425-116R  | 425-116C  |
|   | 18 mm | ●          | 425-118L  | 425-118R  | 425-118C  |
|   | 20 mm | ●          | 425-120L  | 425-120R  | 425-120C  |
|   | 23 mm | ●          | 425-123L  | 425-123R  | 425-123C  |
|   | 25 mm | ●          | 425-125L  | 425-125R  | 425-125C  |
|   | 27 mm | ●          | 425-127L  | 425-127R  | 425-127C  |
| <b>MOTION 3D COLORS</b><br>Class II Appliance<br><br><b>GREEN</b>    | 16 mm | ○          | 425-216L  | 425-216R  | 425-216C  |
|   | 18 mm | ●          | 425-218L  | 425-218R  | 425-218C  |
|   | 20 mm | ●          | 425-220L  | 425-220R  | 425-220C  |
|   | 23 mm | ●          | 425-223L  | 425-223R  | 425-223C  |
|   | 25 mm | ●          | 425-225L  | 425-225R  | 425-225C  |
|   | 27 mm | ●          | 425-227L  | 425-227R  | 425-227C  |
| <b>MOTION 3D COLORS</b><br>Class II Appliance<br><br><b>PURPLE</b> | 16 mm | ○          | 425-316L  | 425-316R  | 425-316C  |
|   | 18 mm | ●          | 425-318L  | 425-318R  | 425-318C  |
|   | 20 mm | ●          | 425-320L  | 425-320R  | 425-320C  |
|   | 23 mm | ●          | 425-323L  | 425-325R  | 425-325C  |
|   | 25 mm | ●          | 425-325L  | 425-325R  | 425-325C  |
|   | 27 mm | ●          | 425-327L  | 425-327R  | 425-327C  |
| <b>MOTION 3D COLORS</b><br>Class II Appliance<br><br><b>GOLD</b>   | 16 mm | ○          | 425-416L  | 425-416R  | 425-416C  |
|   | 18 mm | ●          | 425-418L  | 425-418R  | 425-418C  |
|   | 20 mm | ●          | 425-420L  | 425-420R  | 425-420C  |
|   | 23 mm | ●          | 425-423L  | 425-423R  | 425-423C  |
|   | 25 mm | ●          | 425-425L  | 425-425R  | 425-425C  |
|   | 27 mm | ●          | 425-427L  | 425-427R  | 425-427C  |
| <b>MOTION 3D COLORS</b><br>Class II Appliance<br><br><b>MULTI</b>  | 16 mm | ○          | 425-516L  | 425-516R  | 425-516C  |
|   | 18 mm | ●          | 425-518L  | 425-518R  | 425-518C  |
|   | 20 mm | ●          | 425-520L  | 425-520R  | 425-520C  |
|   | 23 mm | ●          | 425-523L  | 425-523R  | 425-523C  |
|   | 25 mm | ●          | 425-525L  | 425-525R  | 425-525C  |
|   | 27 mm | ●          | 425-527L  | 425-527R  | 425-527C  |

## CLASS III APPLIANCE

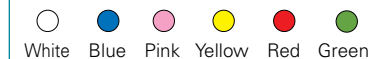
| DESCRIPTION  | SIZE  | COLOR-CODE | SINGLE (UNIVERSAL L/R) | SET      |
|--|-------|------------|------------------------|----------|
| <b>MOTION 3D</b><br>Class III Appliance<br> | 16 mm | ○          | 424-416                | 424-416C |
|  | 18 mm | ●          | 424-418                | 424-418C |
|  | 20 mm | ●          | 424-420                | 424-420C |
|  | 23 mm | ●          | 424-423                | 424-423C |
|  | 25 mm | ●          | 424-425                | 424-425C |
|  | 27 mm | ●          | 424-427                | 424-427C |
|  | 29 mm | ●          | 424-429                | 424-429C |
|  | 31 mm | ○          | 424-431                | 424-431C |

| KITS   | CLASS II SILVER   | CLASS II CLEAR | CLASS III |
|--|---|----------------|-----------|
| <i>MOTION 3D</i> Trial Kit (1 set of each 23, 25, 27 mm)             | 424-900CN   | 424-800C       | 424-407C  |
| <i>MOTION 3D</i> Intro Kit (1 set of each 16, 18, 20, 23, 25, 27 mm) | 424-901CN   | 424-801C       | 424-408C  |
| <i>MOTION 3D</i> Standard Kit (20 sets)                              | 424-902CN   | 424-802C       | -         |
| Kit Includes:  | 2 sets of 16 mm   2 sets of 20 mm   3 sets of 18 mm   3 sets of 28 mm   4 sets of 27 mm   6 sets of 25 mm |                |           |

| TYPODENTS & MODELS  | CLASS II SILVER | CLASS II CLEAR | CLASS III  |
|---|-----------------|----------------|------------|
| <i>MOTION 3D</i> Class II Typodont with Clear Aligner                         | 631-017DNE      | 631-017CNE     | 631-033DNE |
| <i>MOTION 3D</i> Clear Class II 5x Model                                      | 631-424X        | 631-424CX      | 631-433X   |
| Typodont with <i>MOTION 3D</i> Clear Class II and Metal Class II with Aligner | 631-017CMNE     |                | -          |
| Typodont <i>MOTION 3D</i> Class III Maloccluded with Clear Aligner            | -               | -              | 631-034DNE |
| <i>MOTION 3D</i> Palette with Display Box                                     | 631-021         |                |            |

| ACCESSORIES  | ITEM NO. |
|--|----------|
| <i>MOTION</i> Elastics - Force 1, 1/4", 6 oz. (50 packs of 100 elastics)           | 424-9F1  |
| <i>MOTION 3D</i> Clear Elastics - Force 1, 1/4", 6 oz. (50 packs of 100 elastics)  | 424-8F1  |
| <i>MOTION</i> Elastics - Force 2, 3/16", 8 oz. (50 packs of 100 elastics)          | 424-9F2  |
| <i>MOTION 3D</i> Clear Elastics - Force 2, 3/16", 8 oz. (50 packs of 100 elastics) | 424-8F2  |
| <i>MOTION 3D</i> Storage Tray (1/pk)   | CDA-TRAY |
| Essix, A+ .040 (100/pk)  | 617-4402 |
| <i>MOTION 3D</i> Sidekick Bondable Hook (10/pk)                                    | 430-003  |
| <i>MOTION 3D</i> Placement Instrument  | 201-507  |

### COLOR CODE



\* The *MOTION 3D* Class II Appliance (Silver) is available in an extended array of sizes (12 mm - 34 mm). Please ask your Henry Schein Orthodontics representative for more information.

# Take Advantage of our Resources!

## Office Marketing & Patient Education Tools

We want to help you bring more patients into your office and educate them once they are there!

### CarriereConfidence.com

#### ○ Patient Website

- Potential patients can learn about:
  - Types of malocclusions
  - Treatment at different ages
  - Orthodontic appliance options
  - Before & after results
  - Carriere products

#### ○ "Find a Doctor" Feature

- As an HSO customer, your office will benefit from our "Find a Doctor" feature!
- Potential and interested patients can submit a request for an orthodontic professional near them.

### CarriereSystem.com

#### ○ Marketing Toolkit

- Utilize existing logos, product images, videos, model shots, and content for your website, social media, advertising, and more!
  1. Visit CarriereSystem.com
  2. Request access to Marketing Toolkit (Resources tab -> Marketing Toolkit)
  3. Access is approved within 2 business days

Patient Banner Stands  
(32" x 83")



Patient Education Brochures



MOTION 3D Palette



| PATIENT EDUCATION BROCHURES (15/PACK)                     |          |
|---|----------|
| COLORS Class II Appliance - Silver only                   | 999-257  |
| COLORS Class II Appliance - Silver only (Spanish)         | 999-257S |
| CLEAR Class II Appliance                                  | 999-332  |
| COLORS Class II Appliance                                 | 999-333  |
| Silver & CLEAR Class II Appliance                         | 999-346  |
| Class III Appliance                                       | 999-347  |
| STAND-UP BANNER STANDS (DIMENSIONS: 32" X 82.87" X 11.2") |          |
| Patient Banner Stand – Surfer Girl                        | 999-341  |
| Patient Banner Stand – Tennis Boy                         | 999-342  |
| Patient Banner Stand – Equestrian Girl                    | 999-343  |
| Patient Banner Stand – Pedo Girl                          | 999-344  |
| PRESCRIPTION NOTEPAD (50/PACK)                            |          |
| MOTION 3D Elastic Protocol for Patient                    | 999-293  |

# Carriere MOTION 3D Sidekick Bondable Hook



Engineered to partner seamlessly with *MOTION 3D* Appliances, the *MOTION 3D Sidekick™* Bondable Hook further simplifies the *SAGITTAL FIRST* Philosophy. The *Sidekick* Hook bonds to the first or second molar with its hook orientated along the same vector as the hook of the *MOTION 3D* Appliance when the patient's mouth is closed. This placement facilitates easy engagement and superior performance of the Force 1 and Force 2 intraoral elastics.

Item Number: 430-003, 10/pack

**Increased surface area using pylon geometry on bonding base** (similar to *Aria™* Brackets) for proven superior bond strength

**Micro-etched base** for enhanced bond strength

**One-piece MIM manufacturing process** for exceptional strength

**Pull extraction access eyelet** for versatility during orthodontic treatment

**Adhesive Guard Rails** for easier flash clean up

**Chamfered edges** for easy debonding from any angle

**Ideal hook shape** for easy double Force 2 elastics attachment, if needed

**Smooth contours** for enhanced patient comfort

**Low profile** for enhanced patient comfort



The New Movement In Orthodontics™

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

HenryScheinOrtho.com | Customer Service: 888.851.0533

In the U.S.: 800.547.2000

Outside the U.S.: +(1) 760.448.8600

Canada: CERUM 800.661.9567

To email an order: USASales@HenryScheinOrtho.com

To email an order from outside the U.S.: IntlOrders@HenryScheinOrtho.com

Ortho Organizers, Inc. 1822 Aston Ave. Carlsbad, CA 92008-7306 USA

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Shifting the way you think about orthodontics.

