

# The Carriere® Distalizer™ Appliance

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

The *Carriere Distalizer* Class II Correction Appliance is a sleek, aesthetic and non-invasive appliance that provides improved compliance, comfort and shortens overall treatment time when compared to treatment with traditional Class II elastics or other correctors. It delivers a gentle and uniform force for distal molar movement with controlled rotation and tipping correction before brackets or clear aligners are placed. The appliance may eliminate need for extraction.



### Ease of Placement.

The *Carriere Distalizer* 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 (Fig. 02). Possible sources of anchorage: 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 Class II elastic is attached from the mandibular molar to the hook of the maxillary cuspid of the *Carriere Distalizer* to activate. Twenty-three sizes are available, which allows bonding from cuspid to molar, or from 1st bicuspid to molar, to meet the majority of case requirements.

### The Movement Created by the Carriere Distalizer.

- Bodily distalizes the maxillary posterior segments as a block while correcting upper first molar rotation and uprighting.
- The posterior portion of the *Carriere Distalizer* 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. When the maxillary first molar is mesially rotated around the palatal root, the molar occlusion may appear to be Class I, while in reality it is a Class II with the cuspid in a cusp-to-cusp relationship.



Fig. 04 | Independently moves each posterior segment, from canine to molar, as a unit, providing consistent results when correcting the maxillary first molar rotation and uprighting.

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Register for **FREE** at [www.regonline.com/COLV3A10](http://www.regonline.com/COLV3A10)

**Speaker:** Dr. Clark Colville

**Credit Hours:** 2 Hours (Lecture)

**Title:** Efficient Class II Correction with the Carriere Distalizer

**Location:** Ortho Organizers' Lecture Facility

**Date:** Friday, June 18, 2010

**Address:** 1822 Aston Ave.  
Carlsbad, CA 92008

**Time:** 1:00 p.m. to 3:00 p.m.

**Phone:** 800.547.2000 x.107

**Course Code:** COLV3A10

**About the Lecture:**

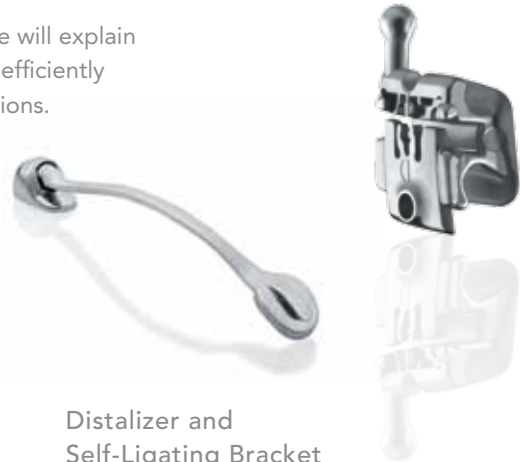
**Efficient Class II Correction with the Carriere Distalizer**—This lecture will explain the biomechanics and clinical advantages of the *Carriere Distalizer* to efficiently and effectively create a Class I dental platform from Class II malocclusions.

**About the Speaker:**



Dr. Colville maintains a private practice in Seguin, Texas. He is a graduate of the UTHSC dental school in San Antonio (1989) and the graduate orthodontic residency program in Houston (1993). Dr. Colville is an assistant clinical professor in the same program currently. Dr. Colville has made

professional presentations on the *Carriere Distalizer* for the past three years, having used the appliance since its introduction in the US in 2004. He is a member of the ClassOne Orthodontics clinical advisory board. Dr. Colville is a Diplomate of the American Board of Orthodontists, and serves on the Council of Membership, Ethics and Judicial Concerns of the AAO.



Distalizer and Self-Ligating Bracket



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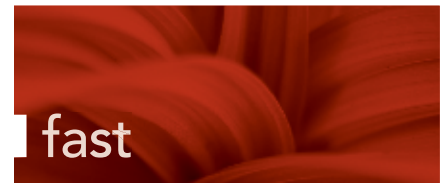
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**HENRY SCHEIN**



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**Speaker:** Dr. Clark Colville

**Credit Hours:** 2 Hours (Lecture)

**Title:** Efficient Class II Correction with the Carriere Distalizer

**Location:** Chicago, IL

**Date:** Friday, August 20, 2010

**Phone:** 800.547.2000 x.107

**Time:** 1:00 p.m. to 3:00 p.m.

**Course Code:** COLV3B10

**About the Lecture:**

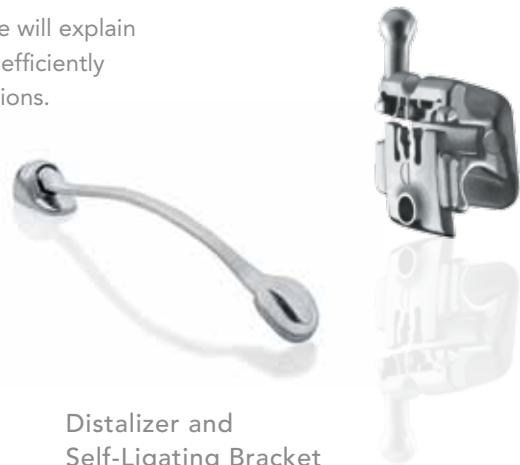
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**Speaker:** Dr. Clark Colville

**Credit Hours:** 2 Hours (Lecture)

**Title:** Efficient Class II Correction with the Carriere Distalizer

**Location:** Philadelphia, PA

**Date:** Friday, September 3, 2010

**Phone:** 800.547.2000 x.107

**Time:** 1:00 p.m. to 3:00 p.m.

**Course Code:** COLV3C10

**About the Lecture:**

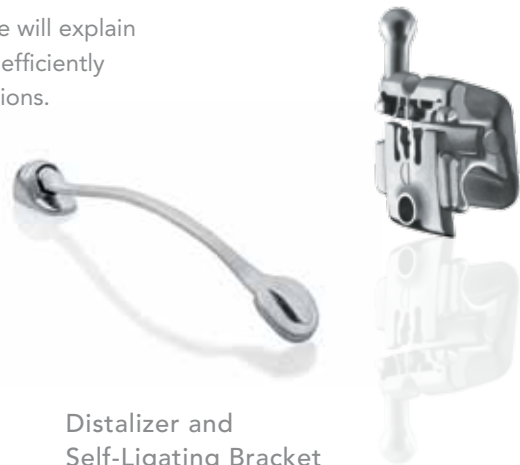
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