

**University of the Pacific Arthur A. Dugoni School of Dentistry
Virtual 122nd Alumni Annual Meeting**

The 35th Frederick T. West Orthodontics Lectureship

Subject Area: Orthodontics

Will A. Andrews, DDS

Friday, February 26, 2021
9:00 am – 12:15 pm – 3 units

Title:

“Universal Orthodontic Treatment Goals; the Pursuit of Harmony”

Course Description:

Research at the Andrews Foundation™ spanning several decades has led to the discovery of treatment goals believed to be both optimal and universal called The Six Elements of Orofacial Harmony©™ and spawned a comprehensive approach to orthodontics called the Six Elements Orthodontic Philosophy©™. One critical distinction from other contemporary philosophies is the separation of individual arches from the malocclusion for purposes of diagnosis, classification, and treatment. The characteristics of an optimal arch (Element I) will be described as well as the methodology used for diagnosing and classifying arches. Jaw widths (Element III), though skeletal in nature, must also be evaluated as part of arch diagnosis. Arch treatment is largely based upon the Interim Core Discrepancy (ICD) learned from arch diagnosis. The ICD will indicate: extraction vs. non-extraction, which brackets to use, and the force systems needed to correct the length of the arch.

Objectives:

- 1) Learn the Six Elements of Orofacial Harmony©™
- 2) The importance of diagnosing arches rather than malocclusions
- 3) Classifying individual arches
- 4) Evaluating jaw widths
- 5) Incisor positions that are compatible with health, function, and esthetics
- 6) Calculating the Interim Core Discrepancy (ICD)
- 7) Differentiating an extraction versus a non-extraction arch

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Friday, February 26, 2021

1:00 – 4:15 pm – 3 units

Title:

“3D Jaw Classification and Focused Treatment Planning for Arches and Jaws”

Course Description:

Bracket design, bracket prescription, bracket siting, archwire sequence, archwire shape, and applied force systems are all critical to treating arches efficiently and successfully. Diagnosing and classifying jaw positions is contingent on the presence of optimal arches (Element I). New goals for AP jaw positions, jaw widths, jaw heights, and chin prominence will be described as well as a new system for classifying jaw positions in all three dimensions. Most of the diagnostic landmarks used are external, minimizing dependency on radiographs other than for assessing the health and integrity of the relevant anatomy. Orthopedic and orthognathic treatment strategies for jaws will also be discussed.

Objectives:

- 1) Bracket siting
- 2) Efficient and effective arch treatment strategies/force systems
- 3) Diagnosing jaw and chin positions
- 4) A new 3-D classification system for the jaws and chin
- 5) New perspectives on normal facial growth
- 6) Treating jaws via orthopedics and/or orthognathic surgery
- 7) The limitations and expectations of jaw growth modification

Short Bio:

Dr. Will A. Andrews completed orthodontic training at the University of California at San Francisco in 1992. He is a Diplomate of the American Board of Orthodontics, past-president of the Southern California Component of the Edward H. Angle Society of Orthodontists, and Co-Director of the L.F. Andrews Foundation for Orthodontic Education and Research. He is a visiting lecturer at UCSF, an adjunct professor at West Virginia University and an associate adjunct professor at the University of North Carolina. He has published articles and lectured worldwide about the Six Elements of Orofacial Harmony[©]™ and co-authored the forthcoming textbook titled The Six Elements Orthodontic Philosophy[©]™. He maintains a private practice limited to orthodontics in San Diego, California.