



LAWRENCE F.
ANDREWS FOUNDATION
FOR ORTHODONTIC
EDUCATION AND RESEARCH

MINI RESIDENCY

IN ORTHODONTICS

San Diego, CA, USA

Oct 31st - Nov 3rd
2018



LOCATION
COURTYARD BY
MARRIOTT
SAN DIEGO



6Elements of Orofacial Harmony™

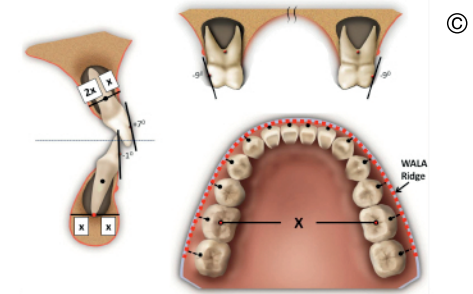
The Six Elements of Orofacial Harmony™ are **treatment goals** for the teeth, jaws, and chin. When present, the **Six Elements** promote the health, function, and appearance of the individual. The **Six Elements Orthodontic Philosophy®™** is a body of principles encompassing **treatment goals**, methods for **diagnosing**, a system for **classifying**, **concepts**, **precepts** and **policies** to inform treatment decisions, and **strategies** for treating, among other things. The aim of this course is to introduce the fundamental tenets of the The **Six Elements Orthodontic Philosophy®™** in a way that can be understood and implemented clinically.



ELEMENT I DR. LAWRENCE F. ANDREWS

OPTIMAL TOOTH AND ARCH CHARACTERISTICS

Diagnosing and treating individual arches, as opposed to malocclusions, is fundamental to the **Six Elements Orthodontic Philosophy™**. The parameters of an optimal arch will be defined and methods for treating efficiently to optimal standards will be taught. Element I allows a clear understanding and defensible rules for when and when not to extract premolar teeth.



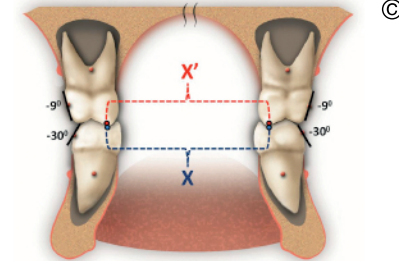
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COFFEE-BREAK

ELEMENT III DR. LUCAS MENDES

OPTIMAL JAW WIDTHS

Diagnosing and correcting jaw positions and relationships in all three dimensions is dependent upon Element I. Element III defines the optimal widths of both jaws. Methods for diagnosing, classifying, and treating jaw widths will be taught.



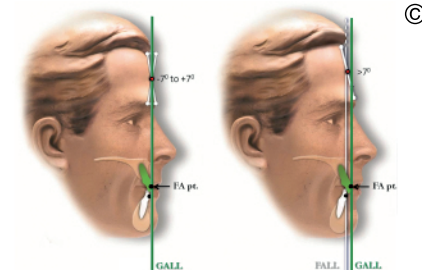
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LUNCH

ELEMENT II DR. LAWRENCE F. ANDREWS

OPTIMAL ANTEROPOSTERIOR (AP) JAW POSITIONS

The AP position of the maxilla is optimal when the FA points of Element I maxillary central incisors are on the Goal Anterior Limit Line (GALL). Use of the GALL is unique to the **Six Elements Orthodontic Philosophy™**. The AP position of the mandible is optimal when it is in centric relation and Element I mandibular incisors interface optimally with Element I maxillary incisors in an optimally positioned maxilla. Methods for diagnosing, classifying, and treating AP jaw positions will be taught.



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COFFEE-BREAK

ELEMENT II PRACTICAL EXERCISE DR. LUCAS MENDES

OPTIMAL ANTEROPOSTERIOR (AP) JAW POSITIONS (HANDS ON)

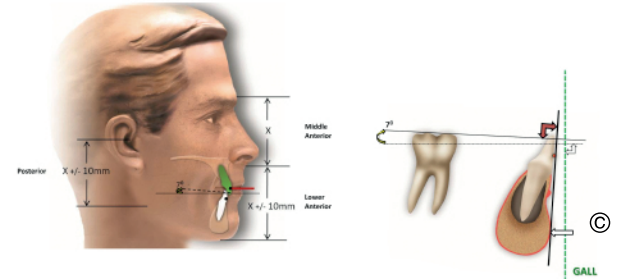
Learn the clinical methodology for establishing the GALL and for diagnosing and classifying AP jaw positions through hands-on exercises. Review of the research validating Element II.



ELEMENTS IV AND V DR. LUCAS MENDES

OPTIMAL JAW HEIGHTS & OPTIMAL CHIN PROMINENCE

Jaw Heights are optimal when both arches are Element I, the arches are in full occlusion, the maxillary central incisors are in harmony with the upper lip, the inclination of the occlusal plane is between 2 and 10 degrees, and external facial heights are in harmony. Chin Prominence is optimal when pogonion point is equal in prominence to the FA points of Element I mandibular incisors. Methods for diagnosing, classifying, and treating jaw heights will be taught.

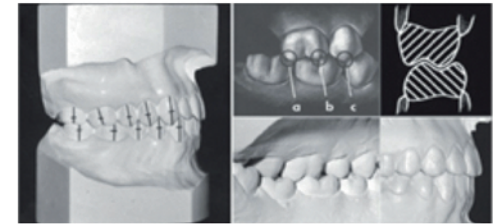


COFFEE-BREAK

ELEMENT VI DR. LUCAS MENDES

OPTIMAL OCCLUSION

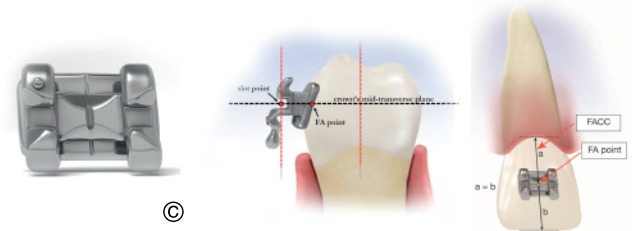
Optimal occlusion is an amalgamation of Elements I, II, III, IV, and The Six Keys to Optimal Occlusion. Optimality of these areas will produce optimal static and functional occlusion and will enhance the overall health, function, and appearance of the patient. Strategies for achieving optimal occlusion will be taught.



LUNCH

THE STRAIGHT-WIRE APPLIANCE DR. LUCAS MENDES

The Straight-Wire Appliance is system comprised of **standard brackets** and **translation brackets**. The origins and evolution of the Straight-Wire Appliance will be reviewed. The design, features, and siting method for most current version, called the Andrews2 Appliance™ will be discussed.



COFFEE-BREAK

TRANSLATION BRACKETS DR. LUCAS MENDES

Translation brackets are used for teeth requiring significant mesial or distal bodily movement. Their design allows forces applied to be transmitted to the centers-of-resistance of the teeth creating a force system that allows efficient tooth translation. The use of translation brackets is closely integrated with Element I. The use of the entire Straight-Wire Appliance system will be taught.





THE SIX ELEMENTS DIAGNOSTIC SHEET DR. WILL ANDREWS

An introduction to the diagnostic sheet used for documenting data gathered from diagnosis.

RECORDS DR. WILL ANDREWS

Specific diagnostic records needed for making a comprehensive diagnosis using the Six Elements of Orofacial Harmony. Methods for acquiring these records will be discussed.

DIAGNOSIS DR. WILL ANDREWS

Learn to diagnose with the Six Elements of Orofacial Harmony™. A complete and detailed review of the entire diagnostic process will be taught. The guiding principles are the diagnosing of individual arches and the classifying of jaw positions. Both Optimal and Compromise diagnosis will be covered as well as how to convert the diagnosis into a targeted treatment plan and how to implement the plan clinically.

DIAGNOSIS DR. WILL ANDREWS

Continued...
Learn diagnosis through hands-on exercises.

DIAGNOSIS

Patient Name _____ Cast # _____ Date _____

Forehead Shape: S R A G/T_____mm, G/S_____mm, FALL/FA pt. _____mm, U1/Lip _____mm

		MAXILLA		MANDIBLE		
TEETH		O	C	O	C	
Elements I, VI	Core Discrepancy					
	AP	__x2 __x2			__x2 __x2	
	SI	__see table			__see table	
	BL	Left			Left	
		Right			Right	
	BL (jaw)					
	Internal (D, E_strip,open)					
	ICD					

JAWS	O				C	O				C	
Element II	AP					AP					
Element III	BL										
Element IV	SI	P	A	P	A		SI	P	A	P	A
Element V							Po				

Face Height

Post Ant

G

Co Sn

Go Me

(-) 0 (+)

Core Line Depth

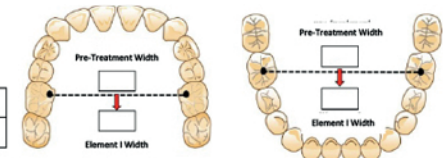
Effect on Core Line Length

2mm	-1mm
3mm	-2mm
4mm	-3mm
5mm	-5mm
6mm	-7mm

Severity		Treatment	
N	BN	O	C

APPLIANCE PRESCRIPTION

Maxillary Sets	post.	ant.
Mandibular Sets	post.	ant.



4321S	4321S	321S	2S	32S	S	S	S	S	S23	S2	S123	S1234	S1234
7	6	5	4	3	2	1	1	2	3	4	5	6	7
321S	321S	321S	2S	32S	S	S	S	S	S23	S2	S123	S123	S123

TREATMENT PLAN

Mo.	Strategies	Mo.	Strategies
		Caveats	

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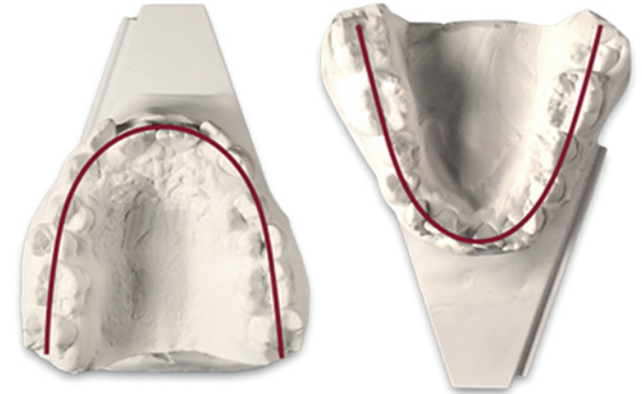
4TH DAY

TREATMENT STRATEGIES FOR ARCHES AND JAWS



INTERIM CORE DISCREPANCY DR. LUCAS MENDES

The Interim Core Discrepancy (ICD) is a numeric summary of arch diagnosis. The ICD directly implies which type of brackets to use (standard or translation), whether or not to extract premolar teeth, and what kind of force system is needed to reach the goal of Element I. Arch treatment strategies and concepts will be covered.



COFFEE-BREAK

GROWTH AND GROWTH MODIFICATION OF THE JAWS DR. WILL ANDREWS

Understanding the patterns of normal jaw growth influences the expectations from growth modification. New concepts of normal jaw growth and for serial cephalometric superimposition for evaluating jaw growth will be discussed. The limits of jaw growth modification will also be addressed.

LUNCH

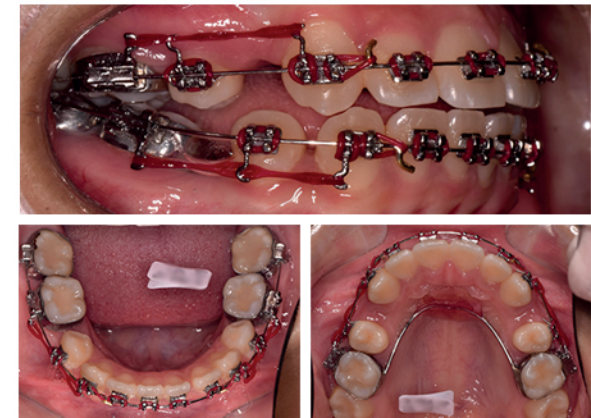
FINISHING AND RETENTION DR. LAWRENCE F. ANDREWS

Efficient and reliable strategies for finishing with a functional occlusion and retaining treatment results will be taught.

COFFEE-BREAK

REVIEW, QUESTIONS AND ANSWERS, CLOSING CEREMONY DR. WILL ANDREWS

The course will conclude with an overall summary and review of all concepts covered in the course. There will be ample time for questions to be answered from the participants. Finally, certificates of completion will be distributed.



MINI RESIDENCY TEACHERS

KNOW MORE ABOUT
THE SPEAKERS



DR WILL ANDREWS

Dr. Will A. Andrews is the Co-Director of the L.F. Andrews Foundation for Orthodontic Education. He is a member of the Edward H. Angle Society of Orthodontists, an assistant clinical professor at UCSF, and an adjunct assistant professor at West Virginia University. He has published articles and lectured worldwide about the Six Elements Orthodontic Philosophy™ and maintains a private practice limited to orthodontics in San Diego, California.



DR LAWRENCE F. ANDREWS

Dr. Lawrence F. Andrews is the inventor of the Straight-Wire Appliance System, discoverer of the Six Keys to Normal (Optimal) Occlusion and the Six Elements of Orofacial Harmony. He is the Co-Director of the L.F. Andrews Foundation for Orthodontic Education. He has lectured worldwide about the Six Elements Orthodontic Philosophy™ and maintains a private practice limited to orthodontics and orofacial harmony in San Diego, California.



DR LUCAS MENDES

Dr. Lucas M. Mendes is a specialist in Orthodontics with a Master's and Ph.D. in Orthodontics from Bauru Dental School - USP, and has been an International lecturer in Orthodontics (USA, Brazil, Costa Rica and Peru) Since 2008, he has been diagnosing and clinically treating his patients using the Six Elements Orthodontic Philosophy™ and the Straight-Wire Appliance. Nowadays he is a resident and developing his postdoc at the L.F. Andrews Foundation for Orthodontic Education and Research in San Diego, California.



REGISTRATION

~~US\$ 4990~~

US\$ 2990

Until August 31ST

BREAKFAST
SNACKS AND LUNCH
INCLUDED

STUDENT AND FULL TIME FACULTY

US\$ 1595

DISCOUNT ONLY FOR
THE 10 FIRST REGISTRATIONS

PAYMENT

METHODS

CREDIT CARD

Click here to download the registration form

WIRE TRANSFER

For wire transfer, contact us by:

WHATSAPP: +1 619 534-5895

We speak: Português / Español / English

E-MAIL: contact@andrewsfoundation.org

INSTALLMENT

3X until August 31st

2X until September 30rd

HOTEL INFORMATION

COURTYARD BY
MARRIOTT
SAN DIEGO
LIBERTY STATION

PER NIGHT

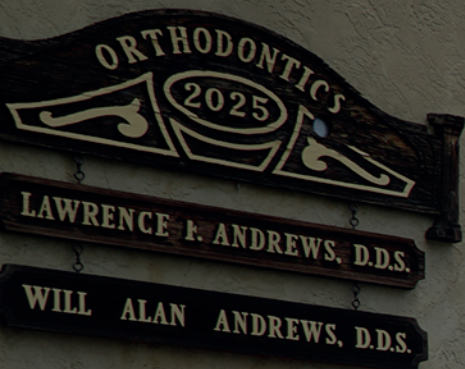
~~US\$ 350~~

DISCOUNT FEE

US\$ 159_{/NIGHT}

Register for the Mini Residency
to receive the hotel discount





LAWRENCE F.
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FOR ORTHODONTIC
EDUCATION AND RESEARCH

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