

**THE 2017 ANNUAL MEETING
OF
THE VIRGINIA**

**ORTHODONTIC EDUCATION
AND RESEARCH FOUNDATION**

- *Adult Orthodontics and Skeletal Anchorage*
- *Obstructive Sleep Apnea and Orthognathic Surgery*
- *Smile Esthetics and Creative Mechanics*

Presented by

DR. JORGE FABER
Brasilia, Brazil
and

DR. ANDRE MACHADO
Salvador, Brazil

FEBRUARY 24 –25

***The Richmond Marriott
Short Pump Hotel***

**Lectures Sponsored in Part by:
THE EUGENIA FUQUA MUIR &
NORBORNE F. MUIR LECTURES
of the VCU SCHOOL
OF DENTISTRY, MCV CAMPUS,
THE MCIVER FUND,
DR. WILLIAM E. CRUTCHFIELD,
3M ORAL CARE,
ACCUTECH,
ALIGN TECHNOLOGY,
AMERICAN ORTHODONTICS
AND
PROPEL**

**THE VIRGINIA ORTHODONTIC
FOUNDATION**
recommends lodging at

**The Richmond Marriott
Short Pump Hotel**

4240 Dominion Blvd.
Glen Allen, VA 23060
(804) 965-9500 or (800) 228-9290

Virginia Orthodontic Foundation rates:
\$115 per night single or double
Other options are available.

DEADLINE 02/03/17

All reservations must be accompanied by a first night room deposit or guaranteed with a major credit card. The hotel will not hold any reservations unless secured by one of the above methods. Reservation cancellations must be received by the hotel at least **24 hours** prior to arrival to avoid being charged one night's Room and Tax.

Be sure to mention the name of the group when making reservations in order to obtain the group rate. Check-in time is 3pm; checkout time is 11am. Rate does not include a 13.3% tax (subject to change).

The Richmond Marriott Short Pump Hotel is conveniently located near I-64 (exit 178B) in the west end of Richmond on Dominion Boulevard in the Innsbrook Office Park (turn left at the first light on Broad Street after exiting the interstate, hotel is on the left).

Room reservations must be received by 5pm on Friday, February 3, 2017 to receive this special rate. After this date it will be on a space and rate availability basis.

ABOUT THE SPEAKER



**JORGE FABER, D.D.S.,
M.S., Ph.D.**

Dr. Faber is the editor-in-chief of the Journal of the World Federation of Orthodontists. As a Professor of Evidence Based Dentistry and Orthodontics at the University of Brasilia, Brazil, he uses his editorial background to stimulate keen analysis of the scientific literature. He holds a Ph.D. degree on Biology-Morphology, and a Master's degree in Orthodontics, and is a Diplomate of the Brazilian Board of Orthodontics. Dr. Faber has lectured extensively in many countries, and has published over 100 articles in scientific journals. He also maintains a private practice in Brasilia, which is focused on adult patients.

ABOUT THE SPEAKER



**ANDRE W. MACHADO, D.M.D.,
M.S., Ph.D.**

Andre Wilson Machado, D.M.D., M.S., Ph.D. is an Associate Professor for the orthodontic program, School of Dentistry, Federal University of Bahia, Brazil. He has also worked as a Visiting Professor at the University of California Los Angeles (2011). He completed his dental education at the School of Dentistry, Federal University of Bahia, Brazil and his orthodontic education/Master Degree at the Pontifical Catholic University of Minas Gerais, Brazil. He completed his PhD at the Paulista State University – Araraquara, Brazil. He is an author and co-author of more than 70 articles published worldwide and has given lectures in more than 30 cities, totaling over 200 presentations. His favorite topics are mechanics and smile esthetics and most published articles have focused on these topics. His current focus has been establishing protocols for smile esthetics diagnosis and treatment.

2017 Annual Meeting Program Schedule

Friday, February 24

9:00 am Board of Directors' Meeting

12:30 pm Registration, Coffee, etc.

1:00 pm Introductions & Opening Remarks

1:15 pm Lecture – Dr. Jorge Faber

2:45 pm Break

3:00 pm Lecture – Dr. Andre Machado

4:30 pm Membership Meeting

5:00 pm Adjourn

6:00 pm Table Clinics

6:30 pm Reception

Saturday, February 25

7:30 am Coffee, etc.

8:00 am Lecture – Dr. Andre Machado

9:30 am Break

10:00 am Lecture continued – Dr. Machado

11:30 am Membership Meeting

12:00 pm Lunch (Round Table Presentations)

1:15 pm Lecture – Dr. Jorge Faber

3:00 pm Break

3:15 pm Lecture continued – Dr. Faber

4:45 pm Q & A, Concluding Discussion

5:00 pm Adjourn

Total 11 CE credits available
if all lectures are attended.

Complex Space Closure of Missing Teeth with TADS

A missing tooth can offer bold challenges to orthodontic treatment. The treatment plan can include the maintenance of space for rehabilitation by an implant-supported prosthesis. However, in many cases, it might be advantageous to close the space, especially when the gap closure provides superior esthetic results, or when the patient simply does not want to receive implant rehabilitation. Commonly, the use of TADs as anchorage is beneficial to the latter form of treatment. In some cases, the TAD is - be it a miniplate or a mini-screw - crucial to achieve excellent treatment results, and then, the applied orthodontic mechanics has several specificities. This conference will tackle the treatment protocol used to close the space of missing teeth with miniplates, as well as the advantages and limitations of this treatment modality.

Orthodontics for Surgical Treatment of OSAS Patient: Are You Prepared?

Orthodontic treatment for OSAS patients that will undergo orthognathic surgery has special requirements when compared to treatment of non-affected individuals. The orthodontic preparation for orthognathic surgery should be avoided, and the surgery should be anticipated in the early stages of the treatment (Anticipated Benefit). The orthodontic treatment planning differs from conventional preparation and special emphasis must be applied to determine the final position of upper and lower incisors. In order to ensure that planned tooth movement will be achieved, skeletal anchorage is often mandatory. On the other hand, the surgical planning should have a specific focus on decreasing the apnea-hypopnea index. There is mounting evidence supporting that counterclockwise rotation of the occlusal plane is not indicated in many cases. General surgical guidelines based exclusively on esthetics are not adequate because a near 10 mm maxillomandibular advancement seems to be decisive. Dr. Faber will demonstrate how to synchronize orthodontic and surgical planning, and will illustrate the concept through a case series.

Anticipated Benefit – Elimination Conventional Orthodontic Preparation for Orthognathic Surgery

Conventional orthodontic-surgical treatments for the correction of dentofacial deformities comprise - after diagnosis and treatment plan - a presurgical orthodontic stage, the orthognathic surgery *per se* and the orthodontic finishing stage. This treatment method has also been tested by time. It has been used for decades and proved very effective. However, it has limitations because when patients decide to undergo the treatment they have to wait for almost a year and a half for the surgery. This is somewhat paradoxical since many patients who seek treatment do so motivated by the promise of aesthetic enhancement, despite the treatment's primarily functional nature. On account of this limitation, among others, since 2004 Dr. Faber has been using in his private practice a treatment methodology that anticipates surgery. After diagnosis, this protocol consists of extensively planning all treatment phases, installing the orthodontic appliance, operating on the patient and only then performing the actual orthodontic treatment. This methodology anticipates the benefits of surgery and has, therefore, been appropriately named Anticipated Benefit Method. Although the orthodontic plan is more complex than conventional treatment, surgical plans are not. Surgeons, however, should be aware of all orthodontic steps taken throughout the treatment. The purpose of this lecture is to present the rationale of this protocol.

Smile Esthetics and Creative Mechanics: A Powerful Combination in Orthodontics

The search for esthetic treatment has persisted in the routine of dental professionals. Following this trend, dental patients have sought treatment with the primary aim of improving smile esthetics. The aim of this presentation is to present a simple and systematic protocol to assess the patient's smile: the 10 commandments of smile esthetics. In addition, this presentation will highlight the importance of customizing an ideal mechanical plan for each specific case.

Virginia Ortho Foundation Board of Directors

Dr. Erin L. McCutchen, President

Dr. Zachary A. Casagrande, VP
Program Chair 2017

Dr. Thomas L. Roberts IV, Secretary

Dr. Pamela F. Regimbal, Treasurer

Dr. Steven J. Lindauer, Exec. Secretary

Dr. Diana M. Almy

Dr. Lisa M. Babb

Dr. Jason T. Gladwell

Dr. Daniel J. Lill

Dr. Joe Rebellato

For Questions, call Darlene Johnson
at 804-828-9326
(Assistant and Meeting Coordinator)

