

Registration Fees:

- \$0 VAOF Member (w/paid VAOF dues)
- \$100 Orthodontic Resident
- \$800 AAO/VAO Member
- \$1500 Non-AAO Member/Non-Orthodontist

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Lectures Sponsored in Part by:

**THE MCIVER FUND,
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AND
CUSTOMER 1ST CONSULTING**

**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:

\$125 per night single or double

Other options are available.

DEADLINE 01/31/25

ABOUT THE SPEAKERS



CHING-CHANG KO, DDS, MS, PHD

Dr. Ko has been associated with academic bioengineering and clinical orthodontics in various capacities over the last 25 years. He is presently Professor and Vig/Williams Endowed Chair of the Division of Orthodontics, Ohio State University College of Dentistry in Columbus, OH.

Dr. Ko has contributed more than 180 publications to the scientific literature in biomaterial/biomechanical sciences and orthodontic biology. His research in bone tissue engineering and orthodontic bioengineering is funded by NIH/NIDCR. He has served as a reviewer for various orthodontic and biomedical research journals and NIH grant applications and is an Associate Editor of *The Angle Orthodontist*. He recently became a board member for the international orthodontics foundation. He maintains a faculty clinical practice at OSU.

The Emerging Landscape of Augmented Intelligence in Orthodontic Practice

Orthodontists prescribe forces to shift patients' teeth and correct malocclusion. A range of technologies has been developed to design and apply these forces, initiating biological processes that lead to alveolar bone remodeling and tooth movement. The field of digital orthodontics has advanced rapidly, primarily to streamline diagnosis, treatment planning, and force delivery. This progress is largely due to the recent integration of artificial intelligence (AI), which significantly enhances treatment precision and patient care through predictive analytics. This presentation offers an excellent opportunity to evaluate current technologies and clinical practices related to these innovations.

Objectives:

- Evaluate digital orthodontic technologies.
- Discuss the current progress of artificial intelligence.
- Understand the clinical applicability and framework of AI.

ABOUT THE SPEAKERS



SARAH H. GLASS, DDS

Dr. Sarah Glass obtained her DDS from Virginia Commonwealth University. After dental school, she completed a three-year Oral and Maxillofacial Pathology residency at New York Presbyterian/Queens. Sarah Glass is a Fellow of the American Academy of Oral and Maxillofacial Pathology and a Diplomate of the American Board of Oral and Maxillofacial Pathology. Today, she works as an assistant professor at VCU School of Dentistry. Her responsibilities include teaching, working in the biopsy service, seeing oral medicine patients, and conducting research.

Can AI Generate Accurate Differential Diagnoses for Pathologies in My Dental Practice?

Participants will be presented with various patient cases exhibiting different pathologies.

Objectives:

- Learn to systematically evaluate pathologies relevant to orthodontics, focusing on key clinical features.
- Learn the skills to describe pathologies appropriately.
- Learn to become familiar with the prompts to feed AI software for differential diagnosis.

THE 2025 ANNUAL MEETING OF THE VIRGINIA ORTHODONTIC EDUCATION AND RESEARCH FOUNDATION

The Emerging Landscape of Augmented Intelligence in Orthodontic Practice

Presented by

DR. CHING-CHANG KO
Columbus, OH

and

Can AI Generate Accurate Differential Diagnoses for Pathologies in My Dental Practice?

Presented by

DR. SARAH H. GLASS
Richmond, VA

and

Supercharge Your Practice w/3D Digital Orthodontics and An In-House 3D Printing Lab with In-House Aligners!!!

Presented by

DR. EDWARD Y. LIN
Green Bay, WI

and

Committing to the X: Excellence. Exceptional. Extraordinary. Experience.

Presented by

MRS. LEEANN PENICHE
Gresham, OR

FEBRUARY 21 – 22, 2025
The Richmond Marriott
Short Pump Hotel

Program Schedule

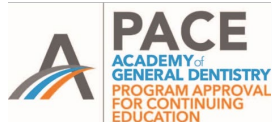
Friday, February 21

7:30 am	Registration, Coffee, Danish, etc.
8:00 am	Introductions & Opening Remarks
8:15 am	Lecture – Dr. Ching-Chang Ko
9:45 am	Break
10:15 am	Oral Pathology Lecture – Dr. Glass
11:15 am	Membership Meeting
12:00 pm	Lunch (Round Table Presentations)
1:15 pm	Lecture – Dr. Edward Lin
2:45 pm	Break
3:15 pm	Lecture continued – Dr. Lin
4:45 pm	Wrap up
5:00 pm	Adjourn
6:30 pm	Table Clinics
6:45 pm	Reception

Saturday, February 22

7:30 am	Coffee, Danish, etc.
8:00 am	Lecture – Mrs. LeAnn Peniche
9:30 am	Break
10:00 am	Lecture continued – Mrs. Peniche
11:15 am	Q & A, Concluding Discussion
11:30 am	Membership Meeting
12:00 pm	Adjourn
12:15 pm	Board of Director's Meeting

9.50 CE Hours



Virginia Orthodontic Education and Research Foundation
Nationally Approved PACE Program
Provider for FAGD/MAGD credit.
Approval does not imply acceptance by any regulatory authority or AGD endorsement.
3/1/2022 to 2/28/2025.
Provider ID# 394886

ABOUT THE SPEAKERS



EDWARD Y. LIN, DDS, MS

Dr. Ed Lin is one of two partners at Orthodontic Specialists of Green Bay (OSGB) with 2 practices which are completely digital practices and have been utilizing intraoral scanning and SureSmile since February of 2004 for all Phase I, labial and lingual comprehensive fixed treatment, and aligner treatments. All practices have been involved with cone beam computed tomography (CBCT) with the iCAT since 2005. In-House 3D printing has been incorporated since 2014 and all practices have been impression free for over 9 years. In-House aligner therapy is an important part of all practices, with Dr Lin having treated over 9000 aligner cases since 1999.

Dr Lin is an internationally recognized speaker, has written several articles that have been published in a wide variety of dental journals, and has lectured at several orthodontic residency programs across the world. Dr Lin is an Adjunct Faculty Member for the University of Alabama-Birmingham Orthodontic Program. He is a Clinical Advisory Board (CAB) member for SureSmile and for the Journal of Clinical Orthodontics, a Key Opinion Leader (KOL) and CAB member for American Orthodontics, and KOL for Imaging Sciences International, Desktop Health, uLab, and Hu-Friedy. He is a past member of the American Association of Orthodontist's Committee on Technology and past member of the Editorial Boards of OrthoTown and Orthodontic Practice journals.

Dr Lin's passion for both orthodontics and technology has allowed him to integrate them together with highly efficient systems into his practices in his pursuit of clinical excellence. Dr. Lin is an alumnus of the University of Chicago for his undergraduate studies and received both his dental (DDS) and orthodontic (MS) degrees from Northwestern University Dental School.

Supercharge Your Practice w/3D Digital Orthodontics and An In-House 3D Printing Lab w/In-House Aligners!!!

3D digital orthodontic technologies and AI are disruptors in orthodontics, and technology is the driving force. In his lecture, Dr Lin will share his experiences over the past 25 years with digital orthodontic technologies utilized in his practices. Current topics critical in advancing orthodontics are: 1) Digital orthodontics with technologies such as SureSmile, Insignia, LightForce, Incognito, Harmony, BRIUS, and InBrace. Dr Lin has treated at least 1 case for each of these technologies except for InBrace so he has a very clear understanding of pros and cons for each (excluding InBrace). 2) Cone Beam Computed Tomography - We currently have an ICAT FLX at each practice and have been involved with CBCT since 2005. Without a doubt, CBCT provides a higher standard of care for diagnosis and treatment planning. Now there are several therapeutic applications which integrate CBCT with treatments such as SureSmile for labial and lingual cases, Insignia for labial cases, and SureSmile, uLab, and Sparks for aligner staging. 3) Finally, Intraoral scanning and 3D printing. These 2 technologies go hand in hand and we as a profession should aim to eliminate alginate and PVS impressions entirely. High quality intraoral scans are much more comfortable for patients and offer a range of benefits to the orthodontist with digital data which can be easily stored and fabricated with 3D printing much faster than a traditional impression. In addition, this digital model can be transferred immediately to any lab for fabrication of all Phase I appliances, retainers, 3D printed indirect bonding trays, 3D printed models, 3D printed brackets, and for fabrication of aligners from 3D printed models. Metal 3D printing in orthodontics has also impacted appliance design and fabrication of appliances such as RPEs, Nance appliances, and lower lingual arches. 3D printing is transforming orthodontics and adds incredible value and efficiencies to any orthodontic practice. Dr Lin will detail how OSGB has setup a 3D printing lab and also in-house aligner fabrication in their practices. Dr Lin personally feels that 3D digital orthodontics and AI are the future for advancing our orthodontic profession and collaboration as a society is what will help take our profession to the next level.

Objectives:

- Understand how CBCT, intraoral scanning, and 3D printing are being utilized in 3D digital orthodontics for optimal clinical and digital workflow efficiencies and for a positive ROI.
- Learn about the key factors with setting up a 3D printing lab in your practice(s).
- Learn how to create an in-house aligner lab in your practice(s).

ABOUT THE SPEAKERS



LEEANN PENICHE

Through innovative, proven and proprietary Systems, LeeAnn Peniche has consistently brought smiles to orthodontists for more than 30 years. As the founder and President of Peniche & Associates, she has earned a reputation as one of the country's premier orthodontic consultants who specialize in case acceptance, scripting, marketing and practice systemization. Over 3,000 practices have experienced first-hand her creative outlook, years of expertise and proven track record of success. LeeAnn's life has been committed to providing Orthodontists and their practices with the tools and Systems for their continued success through lectures, in-office training as well as her trademarked Treatment Coordinator Intensive+™ Workshop, Office Management Academy™, and Master Marketing Academy™.

Committing to the X: Excellence. Exceptional. Extraordinary. Experience.

In the world of digital, virtual, and impersonal, there is a hunger and demand for a common denominator: The X factor. Join LeeAnn Peniche as she shares how to differentiate your practice through the business of excellence. LeeAnn will take a deep dive into building an exceptional team that thrives on providing a magical brand experience, resulting in extraordinary case acceptance. It's all about being fully committed to the X.

Objectives:

- Learn to grow your practice through the business of excellence.
- Learn to define department standards and metrics to build an exceptional team.
- Understand how to create a magical brand experience and increase case acceptance.