



## SPRING SCIENTIFIC SEMINAR

Friday, May 9, 2025

Current, Pier 59, Chelsea Piers, New York City

**Speaker: ROYA ZANDPARSA, DDS, MSC, DMD**

***“The Future of Dental Innovation: Exploring Artificial Intelligence and Emerging Technologies”***

The Future of Dental Innovation marks a transformative shift toward a patient-focused, technology-driven approach to dental care. This course delves into cutting-edge advancements, particularly artificial intelligence (AI) and emerging technologies that are revolutionizing diagnostics, treatment planning, patient care, and practice management.

Participants will gain a comprehensive understanding of how these innovations are reshaping the dental landscape, enhancing efficiency, precision and personalization. Additionally, the course will explore the challenges and opportunities of integrating these technologies into daily practice, equipping dental professionals with the knowledge and skills to thrive in this rapidly evolving field.

### **Course Objective:**

1. Understand the role of AI and emerging technologies in advancing dental diagnostics and treatment
2. Explore practical applications of innovative tools in dental practice management and patient care
3. Identify challenges and strategies for integrating AI and new technologies into dental workflows
4. Assess the potential impact of technological advancements on the future of dental practice and patient outcomes

### **About the Speaker:**

Dr. Roya Zandparsa is a Clinical Professor and Biomaterials Course Director at the Department of Prosthodontics at Tufts University School of Dental Medicine (TUSDM), a Lecturer at the Department of Restorative Dentistry and Biomaterials Sciences at Harvard School of Dental Medicine, Chief Innovation & Development Officer at Qualitas Dental Partners Organization, the Director of Qualitas Training Center, the Founder & CEO of Expert Dental Advisory, the President of the American Association of Women Dentists (AAWD), the Past President of American Academy of Dental Science, and a Fellow of the International College of Dentistry.

Dr. Zandparsa received her DMD from Tufts University School of Dental Medicine, Master of Science in Biomaterials & Biomimetics and Certificate in Prosthodontics from New York University Graduate School of Arts and Science and New York University College of Dentistry, respectively. She completed a fellowship in Implant Dentistry from Harvard University School of Dental Medicine, a fellowship in Academic Leadership from American Dental Education Association (ADEA) Leadership Institute, and obtained a few certificates in advanced surgical Implant Dentistry, Entrepreneurship from Harvard Business School (HBSx), and a Certificate in Innovation Process from Massachusetts Institute of Technology (MITx).

Dr. Zandparsa has received numerous awards during her academic career for being an outstanding scholar and clinician, excellence in clinical teaching, and exemplary leadership.

She has been making major contributions in research in various areas, which resulted in numerous published articles and book chapters. She is a dental speaker and has been lecturing and presenting both nationally and internationally while reviewing manuscripts for several scientific journals. Furthermore, she remains actively engaged in various dental organizations and actively participates as a committee member and lending her expertise as an Educational Consultant for multiple dental companies, solidifying her reputation as a highly sought-after consultant within the dental industry.

**Speaker: WAEL ATT, DDS, DMD, DR MED DENT, PHD**

***“Workflows: A Digital Reinterpretation”***

The rapid integration of digital technologies into reconstructive dentistry has redefined clinical standards and elevated treatment possibilities. Unlike traditional approaches, digital solutions aim to enhance precision, predictability and patient-centered care in diagnosis, planning and delivery of treatment.

The advancement of Digital Workflows has transformed patient communication and reinforced the collaborative nature of multidisciplinary dental care. With the emergence of artificial intelligence (AI), digital workflows have become more accurate, efficient and scalable - enabling data-driven planning, enhanced visualization and streamlined manufacturing processes.

This presentation will provide a comprehensive overview of contemporary digital workflows and explore how AI-powered tools are reshaping implant and esthetic rehabilitation. Special emphasis will be placed on integrating surgical, functional and esthetic elements in implant treatments using AI-enhanced planning and design protocols.

**Course Objectives:**

1. Understand the current state and components of digital workflows in implant and esthetic dentistry
2. Explore the integration of AI and emerging technologies in Smile Design and advanced rehabilitative protocols
3. Learn how digital workflows enhance efficiency, precision and predictability in esthetic implant rehabilitation

**About the Speaker:**

Dr. Wael Att is a Professor of Prosthodontics in the Department of Prosthodontics at the School of Dentistry, University of Freiburg, Germany and former Professor and Chair of the Department of Prosthodontics at Tufts University School of Dental Medicine. He is the co-founder of the Face Dental Group in Boston. Also, Dr. Att is head of the United States Education Delegate of the International Team for Implantology (ITI) and the United States Ambassador of the European Association for Osseointegration (EAO). He is a board-certified prosthodontist from the German Society of Prosthodontics and Biomaterials (DGPro), an active member of multiple professional organizations, including the European Academy of Esthetic Dentistry (EAED), International Academy of Digital Dental Medicine, International College of Prosthodontists, Greater New York Academy of Prosthodontics and others. He serves as Past President of the International Academy for Digital Dental Medicine (ADDM), Past President of the Prosthodontics Group of the International Association for Dental Research (IADR) as well as President of the Arabian Academy of Esthetic Dentistry (ARAED). A widely published and internationally respected clinician and lecturer, Dr. Att's main focus within teaching, research and private practice is esthetic and implant dentistry as well as the implementation of cutting-edge digital technologies in both reconstructive and multidisciplinary dentistry.

**Speaker: KONRAD H. MEYENBERG, DR MED DENT**

***“Precise Implant Prosthetics - the Key to Success  
Implant Design Features and Prosthetic Workflow - What We Can expect from Different Approaches”***

The current various relevant implant designs are discussed both from an engineering, biological and technical perspective - what are the clear pros and cons in terms of handling mechanical failure potential and risk for peri-implantitis? Is there an ideal implant system?

Different prosthetic workflows are analyzed - what can we expect and what do we need to achieve the optimal precision to avoid failures?

**Course Objectives:**

Upon completion of this presentation, participants should be able to:

1. Identify the relevant differences between current implant design concepts
2. Identify the relevant factors to achieve prosthetic precision
3. Select the proper material combinations for optimal reconstructions
4. Minimize the risks for technical and biological complications

**About the Speaker:**

Dr. Konrad Meyenberg graduated from the University of Zurich, Switzerland in 1985. He then completed a four-year post-graduate program in reconstructive dentistry in Zurich in the department for fixed and removable prosthodontics and material sciences (Chair: Prof. Peter Schäfer). He is a certified specialist for Reconstructive Dentistry of the Swiss and European Dental Society, where he holds a specialty degree since 1993. From 1992-2021 he had a private practice limited to esthetic reconstructive dentistry and implantology in Zurich, Switzerland.

Since 1990 he has been a well-known speaker at numerous international meetings and events, having presented at more than 500 congresses. He is a scientific staff member and lecturer for synoptic treatment planning at the Dental Clinics, University of Bern, Department of Oral Surgery (Prof. V. Chapplis).

Dr. Meyenberg is a reviewer of numerous scientific journals, and an author and co-author of numerous publications. He is author of the book 'Restorative Gap Management in the Aesthetic Zone: Orthodontic Direct Composite Bonding | Veneers | Bonded & All-Ceramic Bridges Implants', published 2023.

**Speaker: SCOTT FROUM. DDS, CTN*****“Biohacking to Extend Your Career”***

A recent survey conducted shows that the view of the American Health Care industry has sunk to a 24 year low with 54% of Americans viewing their health care as either fair or poor. In addition, the US ranks last among 10 other developed nations in life expectancy and only 4% of Americans demonstrate good metabolic health. Many Americans are taking their health into their own hands as demonstrated by the 10% projected continual annual growth rate of the Biohacking market size. By 2034 the Biohacking market value will exceed that of the entire global dental industry. This lecture will review the 7 pillars of health and show how you can implement some biohacking/anti-aging techniques into your life and practice.

**Course Objectives:**

1. Learn about the foundations of health
2. Learn about the oral-gut microbiome connection
3. Learn how to die young at a very old age

**About the Speaker:**

Dr. Scott Froum is a triple board-certified periodontist, implantologist and anti-aging doctor. He is a professor at the State University of New York - Stony Brook School of Dental Medicine in the Department of Periodontics. He is the editorial director of the Perio-Implant Advisory. He serves on the editorial advisory board of Dental Economics magazine. He is a diplomate of the American Academy of Periodontology, the Academy of Osseointegration and the American Academy of Anti-aging. He is the scientific director of Meraki Integrative and Functional Wellness Medical Wellness Spas. He has a degree in Naturopathy and is currently enrolled in a fellowship program at the Academy of Anti-aging Medicine. He maintains multiple private practices in New York City.

**Speaker: ALEXANDER WUENSCH, CDT*****“Digital Pathways to Fully Treatment Plan Fixed Cases Utilizing the Latest Tools”***

In this lecture, attendees will explore the seamless integration of digital technology in the treatment planning of fixed cases with and without implants. Emphasizing the use of the latest techniques and materials, the session will provide practical insights into leveraging advanced scanning and design software to achieve predictable and efficient outcomes.

### **Course Objectives:**

Through real-world cases, participants will learn:

1. How to use modern tools to treatment plan cases in the esthetic zone
2. Strategies for designing complex prosthetics in our digital world
3. Tips for overcoming common challenges in digital treatment planning and execution
4. Understand the decision making for the ideal restorative material

### **About the Speaker:**

Mr. Alexander Wuensche, born and raised in a dental family in the southern part of Germany, obtained his dental technician certification in 1999 in Germany. He completed an intensive technical rotation in dental laboratories of various specialties in Germany to develop a well-rounded depth of knowledge. Shortly thereafter, he founded his own boutique style laboratory in Germany, which was focused on esthetic and implant reconstructions.

In 2009, Mr. Wuensche transitioned to Miami, Florida to join Zahntechnik, a full-service dental laboratory founded in 1970. In 2014, he and his wife, Danielle Wuensche, assumed ownership of Zahntechnik.

Mr. Wuensche specializes in esthetic and cosmetic restorations, complex implant reconstruction and digital workflows. His articles have been published in international and national journals such as Compendium of Continuing Education in Dentistry, Inside Dental Technology, Journal of Dental Technology, Laboratory Management Today, and ACP Messenger.

Mr. Wuensche received the PMG Award as one of the 13 best technicians of fixed restorative, world-wide in 2021. He speaks nationally and internationally at various dental conferences for technicians and clinicians.

He is a fellow of the International Team of Implantology (ITI), past president of the Florida Dental Laboratory Association and member of the American College of Prosthodontists (ACP).

### **XTX Talk: An Interactive Session with Richard B. Smith, DDS, Moderator**

NGS AMD has evolved to be a true multidisciplinary organization. A perk of membership is access to XTX Cross Disciplinary Treatment Talks. XTX Talks are treatment planning style seminars conducted several times per year in either a virtual or live format and are intended to reflect the current trend of cross-discipline education and team dentistry. Cases are presented and a panel from various specialties collaborate on how they would plan and execute the cases .

The program will be devoted to giving members and guests a look into live XTX-style treatment planning. With Dr. Richard Smith, we'll get insight into how highly skilled and knowledgeable dentists approach a complex, multidisciplinary treatment within their own specialist perspective. After the case has been discussed, it will be opened for questions and further discussion. Audience participation is encouraged.

The objective of the presentation is the same as that of the NGS AMD as a whole: high-quality educational content in a supportive and collaborative environment.

### **About the Moderator:**

Dr. Richard Smith received his dental degree from the New York University College of Dentistry. After completing a general practice residency at Booth Memorial Medical Center, he earned a specialty certificate in prosthodontics from NYUCD's Postgraduate Advanced Education Program in Prosthodontics. He returned to NYUCD obtaining a unique level of training as a Fellow in the Postgraduate Implant Surgical Program. He is a former Associate Clinical Professor in the Department of Periodontics and Implant Dentistry at NYUCD, and the former director of the Periodontal-Prosthetics residency program at New York Hospital Queens. Dr. Smith also served as an Associate Clinical Professor at the Columbia University College of Dental Medicine in the Department of Prosthodontics, where he taught postgraduate Prosthodontics and Implant Dentistry. He continues to lecture, locally, nationally and internationally, and has had numerous articles, including his original research, published in the dental literature. Dr. Smith maintains a private specialty practice along with his partners at SDNY Dental in midtown Manhattan.