

UT Health San Antonio Dentistry 2025 Global Dental Symposium & iACD World Congress

Support by San Antonio Center for Global and Community Oral Health

Main Podium Faculties



Next Generation Dentistry Showcase



Moderators



Prof. Peter M. Loomer, BSc, DDS, PhD, MRCD, FACD

Dean of the School of Dentistry at UT Health San Antonio. Former Chairman, Ashman Department of Periodontology & Implant Dentistry, Director, Global Health for Oral Health Sciences, New York University Colleges of Dentistry & Global Public Health. He is an expert in health professions curriculum, which has been a major focus of his international research program. His work in global oral health is focused on interprofessional education, student international education and global research experience, faculty development and curriculum reform in developing nations with an emphasis on East Africa and the Middle East. He also has several projects in Africa and Brazil focused on improving oral health in children of poverty.



Prof. Jon B. Suzuki, DDS, PhD, MBA

Dr. Jon Suzuki holds Clinical Professorships at the University of Maryland, the University of Washington and Nova Southeastern University. Dr. Suzuki is Professor Emeritus of Microbiology and Immunology (School of Medicine) and Professor Emeritus of Periodontology and Oral Implantology (School of Dentistry) at Temple University, Philadelphia, PA. USA. He served as Chairman and Director of Graduate Periodontology and Oral Implantology, and Associate Dean for Graduate Education at Temple University. He also served as Dean, Chief of Hospital Dentistry, and CEO of the Faculty Practice Plan at the University of Pittsburgh, USA. He is a Diplomate of the American Board of Periodontology, Specialist Microbiologist of the American Board of Medical Microbiology, Fellow of the American and International College of Dentists, and Diplomate, Fellow, and Past President of the International Congress of Oral Implantologists. Professor Suzuki is the current Chairman and immediate Past President of the International Academy of Contemporary Dentistry. Dr. Suzuki is the current Executive Secretary/Treasurer of the Supreme Chapter of Omicron Kappa Upsilon, the National Honorary Dental Society, and has served in this position for 3 decades. Dr. Suzuki has published over 200 papers, chapters, and symposia, 200 abstracts, and 1 textbook in Medical Technology.



Hai Zhang, DDS, PhD

Dr. Hai Zhang is a tenured Associate Professor in the Department of Restorative Dentistry. He is also Assistant Director of Graduate Prosthodontics program. He is a board certified Prosthodontist and a Fellow in the American College of Prosthodontists (ACP). He is the chair of the Tylman Research Grants and Award Committee in American Academy of Fixed Prosthodontics (AAFP) and Vice Chair of the ACP Research Committee. He was inducted in the prestigious Omicron Kappa Upsilon (OKU) National Dental Honor Society and was elected as the President of the OKU in 2015. Dr. Zhang's research primarily focuses on the development and regeneration of mineralized tissues. He is also interested in the applications of biomaterials,

biomechanics, biophotonics and biomimetic technology in clinical dentistry. He has published more than 50 peer-reviewed articles and several book chapters in the areas of mineralized tissue biology, tissue engineering, dental materials and implantology. He is an Assistant Editor of the Journal of Prosthodontics and a member of the Editorial Review Board of the Journal of Prosthetic Dentistry.



Shohei Kasugai, DDS, PhD

Former Professor and Chair of the Department of Oral Implantology and Regenerative Dental Medicine at Tokyo Medical and Dental University. In addition to his academic roles, Dr. Kasugai holds leadership positions as a director of the Japanese Maxillo-Facial Implant Society and as a committee member of the Japanese Society of Oral Implantology. Throughout his career, Dr. Kasugai has made significant contributions to dental research, authoring over 60 international publications. His research interests encompass bone regeneration, implant stability, and the effects of bisphosphonates on implant failure rates.

Main Podium Faculties



James Mah, DDS, MSc, DMSc,

Dean and Professor of Clinical Sciences,
University of Nevada, Las Vegas

Dean and Professor Dr. James Mah joined UNLV School of Dental Medicine in July 2005 and teaches biomechanics, radiology, introduction to research, advanced biomedical sciences, craniofacial growth & development, and practice management within the orthodontic residency program. Dr. Mah's research focuses on orthodontic aligners, cone-beam computed tomography (CBCT), and use of botulinum toxin for bruxism. He earned his Bachelor of Science, Doctorate of Dental Surgery, and Master of Science degrees as well as his Certificate of Specialization in Orthodontics from the University of Alberta; and his Doctorate of Medical Science degree from Harvard University. Dr. Mah is an associate editor of the *Journal of Aligner Orthodontics* and a reviewer for the *American Journal of Orthodontics & Dentofacial Orthopedics*, *Journal of Clinical Orthodontics*, and the *Angle Orthodontist*.

Topic: Management of Chronic Bruxism using Neuromodulators

Abstract: This presentation will discuss the science and rationale for the utilization of neuromodulators such as Botulinum toxin in the management of restorative patients with chronic bruxism. The clinical, radiographic and functional signs of chronic bruxism will be highlighted with an eye on educating clinicians on the complex sequelae of this parafunction. Clinical implementation of botulinum toxin injections will be described along with a review of critical craniofacial anatomic considerations. The presentation will conclude with an outline of injection techniques, dosage, complications. Treatment results will be illustrated in case reports. At the conclusion of this presentation, audience members will have a deeper understanding of the complexities of chronic bruxism, its impact on the longevity of restorations and will be informed of a method to manage the condition.



Yung Cheng Paul Yu, DDS,

Clinical Associate Professor
New York University College of Dentistry.

Dr. Yung Cheng Paul Yu, DDS, is a Clinical Associate Professor at New York University College of Dentistry. He has established a notable career in dentistry, contributing both academically and clinically. His advanced training includes a Certificate in Advanced Education in Orthodontics Residency in Rome, Italy. Dr. Yu has maintained a successful private practice in Rome from 2001 to 2011. Dr. Yu has authored several peer-reviewed articles, and lectures both nationally and internationally, sharing his expertise in implant dentistry. His international engagements include lectures and collaborations in Italy, contributing to the global dental community.

Topic: The Digital Workflow In Implant Dentistry, Robotic Assisted Surgery, Our Experience.

Abstract: The Digital Workflow In Implant Surgery, Robotic Assisted Surgery, Our Experience. Robotic assisted surgery has been an integral part of the medical field since the early 2000s, with over one million procedures performed annually. In the realm of dentistry, however, robotic assisted implant surgery remains in a developmental phase, showing steady growth as practitioners recognize its significant advantages in accuracy and precision. Although initial market adoption was slow, the dental community has started to embrace these systems, especially following FDA approval for use in placing implants in both partially and fully edentulous patients. Beyond its primary indications, the technology has expanded to include advanced applications such as Immediate Implant Placement, Immediate Provisionalization, Customized Alveolar Ridge Splitting (CARS), Implant Lateral to the Inferior Alveolar Nerve (ILIAN), and sinus floor elevation. This presentation will highlight a series of clinical cases demonstrating these varied indications and the benefits associated with robotic assisted implant surgery, emphasizing its role in enhancing surgical outcomes through precise and controlled execution.



Asma Khan, Ph.D., B.D.S.

Tenured Professor at UT Health Science Center

Dr Asma Khan is a tenured Professor at University of Texas Health Science Center, San Antonio. She received her dental degree from India, her PhD in Neuroscience from University of Maryland, and her Certificate in Endodontics from UT Health San Antonio. She completed a Fellowship in Clinical Research at the National Institutes of Health, Bethesda and a Post-Doctoral Fellowship on Neuro-Immune interactions. She currently serves on the Council of Scientific Affairs of the American Association of Endodontics and is a member of the Scientific Advisory Board for the Journal of Endodontics. Her research interest includes the use of AI to improve clinical practice and the development of new diagnostics and analgesics.

Topic: Innovations in artificial intelligence

Artificial Intelligence (AI) – powered technologies are fundamentally changing all aspects of Dentistry. These included diagnosis, prognosis and treatment as well dental education and practice management. This presentation will critically appraise some of the AI based clinical applications that have recently been developed. It will also review common challenges associated with AI, including black box phenomenon, domain shift and data bias. Solutions to these challenges will be discussed. The role of AI in dental education

and practice management will also be presented. At conclusion, this presentation will provide the attendees with a critical overview of the innovations in AI that are likely to impact dentistry.



Jason Kim, DDS, MDSc

He is a Clinical Assistant Professor in the Dept. of PG Periodontics at Rutgers School of Dental Medicine and a Clinical Associate Professor at NYU College of Dentistry, Implantology Program. He was also appointed to Dean's Faculty at University of Maryland School of Dentistry. Dr. Kim is one of the few Dual Board-Certified Periodontists, a Diplomate with the American Board of Periodontics, a Diplomate with the American Board of Oral Implantology. He served on the Board of Trustees with the American Academy of Implant Dentistry and was also Past President for the Northeast District of the American Academy of Implant Dentistry.

Topic: Simplifying Grafting Procedures Through the Use of the B.A.B.E (Biologically Activated Bone Enhanced) Graft Complex

Abstract: The purpose of this presentation is to introduce the clinical benefits of using concentrated growth factors (CGF) to enhance healing and maturation. CGF is another modified form of platelet rich fibrin (PRF) that has proven to enhance both hard and soft tissue healing and maturation. This presentation will examine how bone grafting procedures can be simplified by the incorporation of autologous platelet concentrates. The various bone grafting procedures include socket preservation, ridge augmentation, as well as sinus augmentation procedures. We will introduce the use of the "BABE Graft" and understand the ease of clinical use and effectiveness



Dr Mounir Iskandar DDS MSD



Ola Al Hatem, DDS, MSD

Dr. Mounir Iskandar is an accomplished prosthodontist and implant dentist with a Master of Science in Dentistry from Indiana University. He is the owner of Radiance Dentistry Dental Implant Center in Irving, Texas, where he leads advanced surgical and prosthodontic procedures using state-of-the-art digital technologies, including CBCT and dynamic guided navigation for complex implant placements. As the President of Xircon Dental Designers, he also directs a research lab focused on All-on-X hybrid restorations. Dr. Iskandar serves as Head Professor at the Texas Institute of Oral Implantology, providing advanced education in implant and restorative dentistry. He is a member of the American Academy of Cosmetic Dentistry and the American College of Prosthodontics, among other professional associations.

Dr. Ola Al Hatem is a licensed restorative and surgical prosthodontic specialist. She completed her predoctoral dental studies and earned a Bachelor of Science degree in Biology from the University of Houston, graduating *Magna Cum Laude* in 2015. She then went on to pursue her Doctor of Dental Surgery Degree from the University of Texas School of Dentistry at Houston, which she earned in 2019.

Dr. Al Hatem earned several awards and accolades during her dental career and served in multiple leadership positions in student research groups and the student council. She later pursued a career in Advanced Prosthodontics at the University of Texas School of Dentistry at Houston, where she grew a unique passion for surgical and digital prosthodontics and earned a Certificate in Prosthodontics as well as a Master of Science in Dentistry in 2022.

Topic: "Effective Utilization of Dynamic Navigation, CBCT and Photogrammetry in prosthetically-driven All-On-X surgical and digital workflows"

Abstract: "This presentation will demonstrate a revolutionary technique in the acquisition of occlusal records and implant positions in full arch implant rehabilitation cases. Prosthetically-driven implant planning, combined with the use of dynamic navigation in full-arch All-On-X implant cases offer the most predictable surgical outcomes. The presentation will discuss all phases of treatment, including necessary photos, intraoral scans and CBCT records at the preop phase. Implant planning using dynamic navigation along with data merge and alignment of preop scans with the prosthetic design data is key for prosthetically-driven treatment outcomes. The role of dynamic navigation will be discussed in detail with several methods to plan remote anchorage cases, such as pterygoid, transnasal and zygomatic implants. This fully digital prosthetic workflow includes the use of CBCT and Photogrammetry data during the postoperative phase to maximize precision and predictable prosthetic solutions. A fully digital workflow in the merge of preoperative and postoperative data will be discussed along with complex case examples".

3. Learning Objectives: - Attendees will fully understand the role of dynamic navigated surgery in All-On-X implant planning. - The incorporation of Photogrammetry and CBCT in full arch digital workflows. - Effective leverage of digital tools in your practice to maximize patient outcome and reduce chairside time. - Prosthetically-driven implant planning to avoid future prosthetic complications.



Sang-Choon Cho, DDS

Dr. Sang-Choon Cho is a Clinical Associate Professor and the Director of the Liu Advanced Clinical Fellowship Program in Implant Dentistry within the Ashman Department of Periodontology and Implant Dentistry at New York University College of Dentistry. He currently serves as an ICOI Ambassador and Diplomate. Dr. Cho earned his Bachelor of Dental Science degree in 1984 from the College of Dentistry at Kyungpook National University in South Korea, where he practiced clinically before moving to the United States in 1995 to advance his studies. He completed an Advanced Implantology Certificate at New York University, where he has been teaching hands-on implant surgery and restorative courses since 1997. In 2003, Dr. Cho earned his Doctorate in Dental Surgery from New York University. He is a member of the Academy of Osseointegration (AO), Greater New York Academy of Prosthodontics (GNYAP), and Omicron Kappa Upsilon (OKU). In 2013, he received the Outstanding Teacher Award. Dr. Cho also was one of the founders of International Academy of Contemporary Dentistry (IACD). Dr. Cho has published over 100 articles in peer-reviewed journals and contributed chapters to text textbooks. He regularly delivers scientific presentations and publishes in leading dental journals. In addition to his academic role, Dr. Cho maintains a private practice in New York City specializing in Implantology and Dental Aesthetics.

Title: Redefining Ridge Augmentation for Dental Implant Procedures

Implant dentistry plays a crucial role in modern dental treatment, with the long-term success of implants being a primary goal. The importance of natural bone for sustaining implant success has been well-documented. This presentation aims to redefine ridge augmentation techniques within the field of implant dentistry, emphasizing the crucial role of natural bone. We will explore the differentiation between intra-osseous defects and extra-osseous defects, and discuss strategies for modifying bony housing angulation to achieve ideal implant placement. This updated approach seeks to enhance the foundational understanding and techniques essential for optimal implant outcomes.

Learning Objectives:

1. Highlight the significance of natural bone in the success of implant dentistry.
2. Differentiate between intra-osseous and extra-osseous defects, detailing their implications for implant techniques.
3. Discuss methods for modifying bony housing angulation to facilitate ideal implant angulation, aiming to improve procedural outcomes and implant longevity.

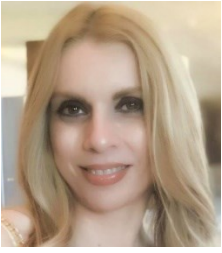


José Rodrigo Cayarga de la Hoz, DDS

Dr. Cayarga is an accomplished dental surgeon and implant specialist who earned his degree from Universidad Francisco Marroquín (UFM) in Guatemala. He pursued advanced implantology training at NYU College of Dentistry, where he completed an interdisciplinary fellowship in the Implant Department. Currently, Dr. Cayarga directs the postgraduate Periodontics and Dental Implants Department and the Master of Oral Surgery and Oral Implantology program at UFM, while maintaining a private practice in Guatemala City. Dr. Cayarga is a member of the Academy of Osseointegration and the International Congress of Oral Implantologists, where he is a Fellow and Diplomate. His research includes osteotome-assisted sinus augmentation and techniques to increase keratinized tissue. He has published internationally and frequently speaks at conferences, sharing insights on sinus floor elevation, immediate implant placement, and digital workflows. His contributions to research, teaching, and clinical practice make him a respected leader in implant dentistry.

Topic: Remote Anchorage Solutions for Maxillary Atrophy

Maxillary atrophy, or the loss of bone tissue in the upper jaw, is a common condition among individuals who have experienced tooth loss, particularly in the posterior region. This loss of bone tissue can lead to significant problems for patients, including difficulty with speech, difficulty eating, and a decreased quality of life. One possible solution for addressing this problem is the use of remote anchorage solutions. Remote anchorage solutions involve the use of implants or screws placed in areas of the mouth that still have healthy bone tissue. These implants can then be used to support a dental prosthesis in areas where there is significant bone loss. This technique can be particularly useful in cases of maxillary atrophy, as it allows for the placement of implants in areas that might not otherwise be possible. There are several different types of remote anchorage solutions that can be used for maxillary atrophy. One approach involves the use of zygomatic implants, which are placed in the cheekbone rather than the jawbone. Zygomatic implants are longer than traditional implants and are able to reach areas of the maxilla where bone tissue has been lost. Another approach involves the use of pterygoid implants, which are placed in the back of the mouth and can provide support for a dental prosthesis in the upper jaw. The use of remote anchorage solutions for maxillary atrophy has several advantages over other treatment options. For one, it allows for the placement of implants in areas that might not otherwise be possible, which can be particularly important in cases of severe bone loss. Additionally, remote anchorage solutions can be used to support a dental prosthesis without the need for bone grafting procedures, which can be time-consuming and involve significant risks. Despite these advantages, there are also some potential drawbacks to using remote anchorage solutions for maxillary atrophy. One concern is the potential for implant failure or complications, which can occur if the implants are not properly placed or if there is not enough bone tissue to support them. Additionally, the use of remote anchorage solutions can be more complex and time-consuming than other treatment options, which may be a concern for some patients. Overall, remote anchorage solutions represent a promising option for addressing maxillary atrophy in patients who have experienced significant bone loss. By allowing for the placement of implants in areas that might not otherwise be possible, these techniques can provide patients with improved function and a better quality of life. However, it is important for clinicians to carefully evaluate each patient's individual needs and consider the potential risks and benefits of using remote anchorage solutions before making a treatment recommendation.



Enas A. Bsoul, D.D.S., M.Sc., M.S.

Dr. Enas Bsoul is an Assistant Professor/Clinical in the Department of Comprehensive Dentistry at the University of Texas Health San Antonio, School of Dentistry. She is the Director of Predoctoral Oral and Maxillofacial Radiology Program; she teaches and practices in the Advanced Oral and Maxillofacial Radiology Program. She became a Diplomate of the Jordan Medical Board of Orthodontics in 2010. She worked as a Full-time Lecturer in the Department of Preventive Dentistry/Orthodontics at Jordan University of Science and Technology from 2009-2012.

She completed a three-year advanced education residency program in Dental Science/Oral and Maxillofacial Radiology from 2012 to 2015 at the University of Texas Health San Antonio, School of Dentistry and earned her Master Degree in 2015. In 2019, she was appointed Assistant Professor/Clinical in the Department of Comprehensive Dentistry/Oral and Maxillofacial Radiology at the University of Texas Health San Antonio, School of Dentistry. Her research interests include Innovations in Oral & Maxillofacial Radiology and 3D Advanced Imaging: CBCT benefits and limitations in dental practice; CBCT use in implant planning and anatomical variations; diagnosis and localization of various dental anomalies (impacted canines); 3D Printing; and TMJ disorders. Dr. Bsoul is currently working at the Center for Global and Community Oral Health, in collaboration with the Dean's office, on various international academic collaborations and interprofessional research projects.

Topic: Innovations in Oral & Maxillofacial Radiology

Lecture Abstract:

Innovations in Diagnostic Imaging and Oral & Maxillofacial Radiology

Applications of Artificial intelligence in The Field of Oral & Maxillofacial Radiology

Three-Dimensional Radiographic Diagnostic Examinations: Cone Beam Computed Tomography (CBCT); Advantages, Indications and Limitations

CBCT Radiologic Interpretive Report

Task-Specific Applications in Dentistry

Diagnosis and Preoperative Assessment

Treatment Planning and Virtual Simulations

Image-Guided Surgery

Additive Manufacturing & 3D Printing

Other Imaging Modalities: Multidetector Computed Tomography (MDCT)/ Magnetic Resonance Imaging (MRI)/ Nuclear Medicine/ Positron Emission Tomographic (PET) Imaging/ Ultrasonography

Next Generation Dentistry Showcase

Presenters:



Marco Bergamini, DDS (University of Washington)

Title: Etiology and Management of Prosthetic Full Arch Implant Restoration

Abstract: Biological and prosthetic complications are common problems in clinical practice. The literature displays high survival rates for full arch restorations. Nevertheless, only 38.7% of the patients with implant-supported fixed dental prostheses were complication-free after the 10-year observation period. A critical analysis and management of each case is paramount. The aim of this presentation is to focus on establishing criteria for case selection for edentulous patients, to establish etiology and provide management of prosthetic complications. A case with severely compromised wear and complications will be presented.



Dr. Dai Lao



Dr. Dong Young Cha (NYU College of Dentistry)

Title: Enhancing Dental Aesthetics: A Case Series on Surgical and Restorative Procedures for Crown Lengthening

Abstract: Gum position and teeth length are crucial factors in achieving harmony and aesthetics in dental cosmetics. Crown lengthening procedures, often extending from one premolar to the opposite premolar, play a significant role in this process. Accurate diagnosis and meticulous treatment planning are essential. This can be facilitated through digital planning, 3D-printed models, and surgical guides. This case series aims to demonstrate the surgical and restorative procedures involved in crown lengthening, highlighting the steps taken to ensure optimal aesthetic outcomes.



Dr. Dheva Sundar



Dr. Scott Shyu (NYU College of Dentistry)

Title: Classification and Treatment of Impacted Canines with Dental Implants: A New Proposal

Abstract: Impacted canines are the second most common type of tooth impaction, following third molars. These impacted canines can significantly affect both functionality and aesthetics. Implant placement in sites with impacted canines is a critical procedure for effective replacement. However, there currently exists no classification system for impacted canines and their treatment with dental implants. This report aims to propose a classification system for impacted canines and outline their treatment using dental implants, thereby providing a structured approach to managing these cases.



Dr. Benedetta Grassi Dr. Fatima Aja Kindelan (NYU College of Dentistry)

Title: Managing Complications in Maxillary Sinus Augmentation: A Focus on Reducing Risks and Handling Infections

Abstract: Maxillary sinus augmentation is a well-accepted treatment modality for the atrophic posterior maxilla. However, like any surgical procedure, it carries the risk of complications. Success rates can be improved by reducing these risks, which include Schneiderian membrane perforations, intraoperative bleeding, and post-procedure infection of grafting materials. While there are several reports on managing these complications, there is no consensus on the treatment of grafting material infections following sinus augmentation. This presentation aims to discuss the similarities and differences in managing complications in maxillary sinus augmentation procedures.

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Nonmember signup: [iACD Non-member Event Signup](#)

★ Gala Dinner Party ★ Saturday 4/26/2025

Gala Party-Texas Rodeo Video

<https://youtube.com/watch?v=D-NygQ8EhJQ&feature=shared>

HOTEL INFORMATION

**SAN ANTONIO MARRIOTT NORTHWEST MEDICAL CENTER 3233
NW LOOP 410, SAN ANTONIO, TX 78213**

Mariott Hotel has shuttle bus between hotel and event location

[San Antonio, TX Hotel | San Antonio Marriott Northwest Medical Center](#)

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