



New York University College of Dentistry
Linhart Continuing Dental Education Program

*“Current Concepts in American Dentistry:
Advances in Implantology and Periodontics”*



May 15-19, 2023 (Monday – Friday)
CACCIACANE INTERNATIONAL STUDY GROUP

Monday, May 15, 2023 **9:00 a.m. – 4:00 p.m.**
CDE Theatre



Dr. Ziv MAZOR

Past President of the Israeli Periodontal Society, Former Clinical Instructor, Department of Periodontics, Hadassah School of Dental Medicine in Jerusalem, Israel; Clinical Researcher in Bone Augmentation and Sinus Floor Elevation; Member, American Academy of Periodontology, Academy of Osseointegration and the International Congress for Oral Implantologists; Private Practice Limited to Periodontics and Implant Dentistry in Ra'anana, Israel.

“Guidelines for Achieving Esthetic Outcome with Implants Placed in the Esthetic Zone”
(9:00 a.m. – 12:00 noon)

The Anterior esthetic zone requires following essential surgical and restorative protocols for achieving esthetic natural appearing teeth. Misplacement of the implant will cause esthetic failure. The presentation will focus on the parameters affecting implants placement in the esthetic zone. Hard and soft tissue preservation methods as well as prosthetic solutions will be discussed. Use of autologous growth factors for soft tissue preservation and regeneration will be covered. The lecture will give an overview of the many clinical applications of PRF in oral and maxillofacial surgery, with a specific interest in the management of soft and hard tissues when using immediate loaded implants. PRF is a regenerative biomaterial and is particularly useful and adapted for the regeneration of soft tissues. Combined with immediate loading protocols, this material can allow to optimize the final aesthetic result and to promote a very natural, predictable and durable aesthetic reconstruction in the anterior areas. Complications and ways of repair will be demonstrated.

“Implant Complications and Failures – Ways to Avoid and How to Treat”
(1:00 p.m. – 4:00 p.m.)

Implant Complications had become a major subject with growing of Implantology. In this presentation factors affecting implant failures and complications which are patient, operator and manufacturer related will be described. Perimplantitis- the disease of the present and future will be addressed with ways how to avoid and treat. Part of the presentation will be dedicated to problem solving and how to learn from your own mistakes.

Tuesday, May 16, 2023 **9:00 a.m. – 4:00 p.m.**
CDE Theatre



Dr. Stephen CHU

Stephen J. Chu maintains an academic appointment as Adjunct Clinical Professor in the Ashman Department of Periodontology and Implant Dentistry and the Department of Prosthodontics at New York University College of Dentistry. He also has a private practice in fixed prosthodontics, esthetic, and implant dentistry in New York City. Dr. Chu has published over 70 articles in the dental literature and has given lectures nationally and internationally on the subjects of esthetic, restorative, and implant dentistry. Dr. Chu is the executive editor of Compendium and the recipient of several professional dental awards.

***“Periodontal and Surgical Management of Immediate Single Tooth
Replacement Therapy in the Esthetic Zone”
(9:00 a.m. – 12:00 noon)***

Implant dentistry is continuously evolving offering new and more predictable forms of therapy with minimally invasive protocols. Innovative techniques now allow for better esthetics, decreased treatment times, and greater patient comfort. However, these new techniques and therapies continue to raise questions and concerns regarding the risk and rewards of each. Specifically, controversial issues regarding immediate postextraction socket implant placement in relationship to survival and esthetic outcomes. Immediate provisional restoration of immediate implants placed into healed [delayed] or augmented sites will be presented.

In addition, this lecture will address current concepts [i.e. platform switching], techniques, clinical research, histologic evidence, and innovations in immediate implant placement and provisional restoration and how they can enhance treatment procedures, time, and clinical outcomes for greater patient comfort, care, and satisfaction. After this presentation, the attendee should be able to understand the following concepts associated with immediate implant placement and provisional restoration:

1. Understand the treatment time and survival rates associate with immediate protocols
2. Treatment objectives of immediate versus delayed provisional restorations
3. The prosthetic and biologic impact on hard tissue buccal contour change and peri-implant soft tissue thickness
4. Understand potential complications associated with immediate implants
5. Impression-making and cementation techniques
6. What are layperson’s perception threshold of facial-palatal collapse



Dr. Thomas WIEDEMANN

Thomas G. Wiedemann, MD, PhD, DDS is currently a full-time Clinical Associate Professor at New York University, College of Dentistry, Department of Oral and Maxillofacial Surgery. He is a Fellow of the European Board of Oral & Maxillofacial Surgery, Head and Neck Surgery (EBOMFS) and the title of a Diplomate of the International congress of oral implantologists (ICOI) has been conferred upon him. Professor Wiedemann’s career consists of 25 + years of surgical and educational experience in an academic setting as well as successfully operating private practices and providing the full scope of Oral & Maxillofacial Surgery including surgical Implant Dentistry. In addition, he offers 15+ years of professional experience as Expert Witness and Consultant in Health Care Management. He is the author of many publications, speaker and course director in national and international conferences on oral surgery and implantology related topics and serves on the editorial board of several renowned and peer reviewed scientific journals. His special research interests are: minimal invasive surgical techniques of the full scope of Oral & Maxillofacial Surgery, medical and dental emergency care, ceramic implants, titanium intolerance, peri-implantitis and implant failures, surgical complications management in implant dentistry and oral surgery. He has acquired extensive expertise in implant surgery with multiple implant systems (titanium and zirconia) since 1995 and is well versed in innovative concepts of bone augmentation and soft tissue regeneration, CBCT-guided, robotic-assisted and piezo-surgery.

***“Etiology and Clinical Management of Surgical Complications Related to Implant Procedures”
(1:00 p.m. – 4:00 p.m.)***

Although a high predictability and long-term success rate of dental implants is well documented in the literature, complications and failures do occur on a regular basis.

Problems with implants have been rising as more clinicians who do not have advanced training and skills are involved in implant placement, bone grafting and implant-related restorations. Some complications may be relatively minor and easy to correct, while others will be major and result in the loss of the implant, permanent damage of adjacent anatomical structures, or can even be life-threatening.

This lecture is based on numerous clinical examples and cases as well as an extensive literature review and gives an overview about implant failures, typical intra- and postoperative complications with even severe adverse outcomes causing medical emergencies related to implant and bone graft procedures with potentially life-threatening complication that even required intubation, emergency tracheostomy or intensive care hospitalization.

*Assess, anticipate and manage common complications associated with implant and bone graft procedures
Reinforce awareness that even simple implant procedures are invasive in nature and can trigger extremely serious and life-threatening complications*

Understand that oral surgeons and dentists, no matter how skilled and experienced in implant surgery, must be at all times aware of even rare, unexpected and severe complications, in order to promptly plan an adequate emergency intervention.

Wednesday, May 17, 2023 **9:00 a.m. – 4:00 p.m.**
CDE Theatre



Dr. Mario H. Rodríguez Tizcareño

Licenciado en Odontología por la Universidad Intercontinental de la Facultad de Odontología de México D. F. ; Certificado en Prosthodontics El Centro de Ciencias de la Salud de la Universidad de Texas en San Antonio Dental School Departamento de Postgrado de Prostodoncia San Antonio, Texas; Diplomado en Implantología, Universidad Nacional Autónoma de México, Facultad de Odontología División de Estudios e Investigaciones de Posgrado México, D.F.; Profesor de la Prótesis Oral "A" de Prótesis Bucal, Coordinador protésico del departamento de implantología y Coordinador del Programa de Alta Especialización en Implantología Oral de la Universidad Nacional Autónoma de México, Facultad de Odontología División de Estudios de Postgrado e Investigación del Departamento de Implantología; Conferencista a nivel internacional y publicación del libro de referencia "Fundamentos Estéticos para la Rehabilitación de Implantes Osteointegrados", además de dedicarse a la práctica privada limitada a Prostodoncia e Implantología en la Ciudad de México.

“Rehabilitación protésica oral en maxilares atróficos”

(9:00 a.m. - 12:00 noon)

Una rehabilitación estética implanto asistida requiere de una fase de diagnóstico exhaustiva y racional en la que el profesional junto con las necesidades del paciente, deben establecer los parámetros del tratamiento. El desarrollo de paquetes informáticos interactivos así como el depuramiento en la eficiencia de la imagenología en tercera dimensión e implementación de las diferentes técnicas tanto quirúrgicas como protésicas han marcado un avance sin precedentes en la implantología oral actual promoviendo nuevas técnicas quirúrgicas que facilitan la inserción de implantes en la posición dictada por las necesidades protésicas más que en la posición permitida por las condiciones del hueso remanente para la fabricación de restauraciones funcionales, estéticas y predecibles. El objetivo de esta presentación es de mostrar diferentes alternativas y sus protocolos para transferir tratamientos virtuales a la realidad quirúrgica y protésica, así como sus aplicaciones clínicas basadas en evidencia y fundamentos biológicos para la planeación y confección de restauraciones implanto soportadas estéticas y predecibles.

“Prótesis Funcional y Estética Basada en Restauraciones Implanto-Retenidas.”

(1:00 p.m. - 4:00 p.m.)

El objetivo sera identificar los fundamentos biológicos y protésicos para el desarrollo de un plan de tratamiento estéticamente orientado. Discutir las diferentes alternativas y sus protocolos para la transferencia del plan de tratamiento virtual a la realidad quirúrgica y protésica y su aplicación clínica en diferentes situaciones. Discutir diferentes sistemas metal-cerámicos, metal-resina y de zirconio-cerámica para la fabricación de pilares y restauraciones implanto retenidas y su compatibilidad con los diferentes medios de retención.



Dr. Guido SARNACHIARO

Adjunct Assistant Professor, Department of Prosthodontics, New York University College of Dentistry; Clinical Assistant Professor, Implant Program, Department of Prosthodontics and Clinical Research, Buenos Aires, Argentina; Member, International Congress of Oral Implantology and Academy of Osseointegration; Private Practice in New York City.

“Immediate Implants in the Aesthetic Zone”
(9:00 a.m. – 12:00 noon)

The improvement of implant design has enabled us to place immediate implants and a provisional restoration predictably when treatment is done in the esthetic zone. Moreover, the fabrication of an immediate provisional is becoming a key factor for tissue management. Tissue support, emergence profile and the provisional restoration phase of implant therapy has become one of the most critical steps in immediate or delayed placement for several reasons. A step-by-step protocol will be presented in how to fabricate the proper screw-retained provisional restoration from the fabrication of the acrylic shell to managing and capturing the proper supportive subgingival

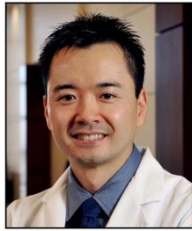


Dr. Richard SMITH

Dr. 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 is also a former 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 has lectured extensively, both nationally and internationally, and has had his original clinical research along with numerous articles published in the dental literature.

“Immediate Molar Implants: New Surgical and Restorative Protocols for Predictable Success”
(1:00 p.m. – 4:00 p.m.)

Immediate placement of molar implants has been gaining in popularity as an accepted procedure. However, until now, there has been no evidence-based protocol for either the surgical or the restorative aspects of this treatment. Placing implants into wide sockets requires an entirely different approach than single-rooted tooth sockets. New research shows that molar implant placement affects the health of adjacent teeth and we need to reconsider our treatment options. New treatment protocols will be presented based upon existing literature, biologic rationale, and the newly acquired research data. The implications of these new protocols are far-reaching and should affect the way we all practice. Concepts that will be examined include: extraction techniques, socket classification, immediate versus delayed placement, to graft the socket or not, tooth-implant space distribution strategies, how to manage “the gap” and immediate provisionalization. The immediate molar implant, done well, can be a game-changer for any practice.



Dr. Paul P. CHANG, DDS MS

Adjunct Clinical Professor, Department of Prosthodontics at University of Texas Health and Science Center San Antonio, Texas; Faculty, Linhart Continuing Dental Education Program, NYU College of Dentistry; Faculty, Preceptorship in Dental Implantology at University of Texas Health and Science Center San Antonio, Texas; Diplomate of American Board of Prosthodontics; Diplomate of American Board of Periodontology; Diplomate of the International Congress of Oral Implantologists; Board of Directors, International Academy of Contemporary Dentistry; Private Practice of Periodontics and Dental Implants, Dallas, Texas.

“Implant Overdentures: A New Standard of Care for Edentulous Patients”

Functionally challenged edentulous patients benefit greatly from treatment options beyond simple tooth replacement. Severe bone resorption renders these patients unable to wear comfortable and serviceable prostheses, limiting function, and adding to a loss of confidence and reduction of social interaction. Their options range from conventional dentures to the complex fixed implant-supported restoration. Successful outcomes depend on proper and adequate treatment planning and a comprehensive team approach. This lecture provides an overview of the various restorative options for both the maxilla and mandible and describes the various dental materials and their benefits that support these restorative options. Dr. Chang's objective for this presentation is to focus on advanced clinical techniques and concepts for overdenture and fixed restoration of the completely edentulous patient.

Course objectives:

- *Understand the various available treatment options for edentulous patients and how they differ.*
- *Determine the most ideal position and number of implants for maintaining each patient's overdenture*
- *Discuss technical aspects of available implant retentive components and understand their similarities and differences*
- *Be able to compare and contrast implant abutment components and how they differ in terms of durability and flexibility with respect to angulation concerns.*