



New York University College of Dentistry
Linhart Continuing Dental Education Program



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

October 7-10, 2024 (Monday-Thursday)
FRANCE (CEIOP) E#1 GROUP

Monday, October 7, 2024 **9:00 a.m. – 4:00 p.m.**
CDE Theatre



Dr. Francesco AMATO

Dr. Francesco Amato has completed his MD degree at the University of Catania, Italy, 1991; has completed a one year full time Advanced Program for International Dentists in Periodontics at New York University College of Dentistry, 1992-1993; has completed a two years full time Advanced Program for International Dentists in Implant Dentistry at New York University College of Dentistry, 1993-1995; has completed his continuing Education Program in Implant Dentistry at New York University College of Dentistry, 1994-1995; has received his Ph.D. Biopharmaceutical Microbiology at the University of Catania, Italy, 1994-1997; has published more than 30 articles in international peer-reviewed journals; is an Editorial Board Member in peer-reviewed journals; is a lecturer in National and International Conferences and Courses; is a Dentist in Private Practice specialized in Periodontics and Implant Dentistry in Catania, Italy, is International Lecturer in the Department of Periodontology and Implantology at Columbia University, New York, is International lecturer for the Continuing Dental Education at New York University, New York.

“Minimally Invasive Approach to Achieve Ideal Functional and Esthetic Result in the Maxillary Anterior Area”
(9:00 a.m. – 4:00 p.m.)

The lecture focuses on the single tooth implant rehabilitation in the anterior maxillary area.

The following topics will be described:

- 1. Post-Extraction Remodeling*
- 2. Staged Approach/Socket Preservation*
- 3. Immediate Placement in Type I Socket*
- 4. Guided Tissue Preservation.*
- 5. Immediate Placement in Type II Socket*
- 6. Immediate Placement in Type III Socket*
- 7. Orthodontic Implant Site Development*
- 8. Tooth Replacement with Unconventional Techniques*

All the possible different treatment options will be described and pros and cons of each therapeutic line will be discussed. The lecture will focus on hard and soft tissue management both with Surgery or Orthodontics. Type of Graft, immediate vs delayed placement, implant selection and position, timing and characteristics of provisionalization will be analyzed. An innovative technique to fabricate a temporary restoration that will allow the clinician to achieve ideal esthetic result in a simple and predictable way will be described in details. New and Unconventional ways to replace a single tooth will be shown. Clinical experience and evidence-based decision will be combined in order to give to the clinician practical guidelines to achieve predictable results.



Dr. Isaac TAWIL

Dr. Isaac Tawil received his Doctor of Dental Surgery Degree from New York University College of Dental Surgery and has a Master’s degree in Biology from Long Island University. Dr. Tawil is the co-Director of AIE (Advanced Implant Educators) www.aidental.com. Dr. Tawil has received his Diplomate from the International Academy of Dental Implantology as well as his fellowships with the International Congress of Oral Implantology, the Advanced Dental Implant. He has received the President’s Service Award for his volunteer work in places such Honduras, Tijuana, Dominican Republic, China and Lima Peru. He is a member of American Academy of Implant Dentistry, Academy of Osseointegration, American Dental Association and the New York State Dental Association. Dr. Isaac lectures internationally on advanced dental implant procedures using the latest technology, including in China, Thailand, Peru, Korea, Singapore, Japan, The Dominican Republic, and Mexico. Dr. Isaac also teaches live surgical seminars in his office and abroad, as well as hands on courses globally. He has been featured in Inside Dentistry magazine. He maintains a general private practice in Brooklyn, NY where he focuses on implant therapy.

“Osseodensification”
(9:00 a.m. – 12:00 noon)

Unlike traditional bone drilling, Osseodensification does not excavate bone tissue. Rather, bone tissue is simultaneously compacted and auto-grafted. This supplements the basic bone compression effect, creating a densified crust along the entire depth of the osteotomy. Osseodensification may allow the versatility of gently autografting the maxillary sinus, and efficiently expand any ridge in either jaw, while enhancing implant stability.

The lecture will clarify the relationship between implant design, bone density and surgical technique and their effects on the implant primary and secondary stability. By modifying the surgical procedures and using specifically designed densifying burs, we may improve not only the implant primary, but also its secondary stability.

The lecture will present the biomechanical, histological and clinical evidence of this novel procedure and its clinical versatility.

Learning Objectives:

- *Internal Structure of the jaws: cancellous vs. compact - what does it mean from the ridge expansion viewpoint.*
- *Implant stability: what does it mean bio-mechanically and histologically (BIC, Bone volume)*
- *What is the effect of insertion torque and how does it change the bone structure?*
- *The effect of insertion torque on primary stability.*
- *Implant micro-motion and its clinical significance.*
- *Effect of high insertion torque on implant healing histologically and mechanically.*
- *The reverse torque and secondary micro-mobility.*
- *The concept of secondary Micromotion.*
- *Osseodensification technique and its clinical versatility including Ridge Expansion, Guided Expansion Grafting, and Maxillary Sinus Autografting.*

**“Predictable and Successful Maxillary Sinus Augmentation for the 21st Century”
(1:00 p.m. – 4:00 p.m.)**

The maxillary and mandibular posterior edentulous region can present a challenging condition for dental implant placement. The Posterior maxilla dental implant reconstruction for advanced alveolar ridge atrophy has become possible through bone grafting procedures involving the maxillary sinus. This procedure involves augmentation of either the internal or the external aspects of the sinus, or both. With the advent of new surgical techniques and equipment sinus augmentation has become a predictable and efficient treatment to provide. This sinus portion of this presentation will focus on the external or lateral approach and internal or crestal approach using the crestal, lateral approach kits and Piezosurgery.

Course Objectives:

- *Understand the anatomy of the sinus, giving emphasis to using CBCT for sinus augmentation planning.*
- *Understand the two different methods of performing sinus augmentation – crestal, vs. lateral approaches.*
- *Learn about the different graft materials available for sinus augmentation including the use of growth factors.*
- *Sinus complication management: recognize common complications and mistakes and the ways of treatment within both modalities.*
- *Become familiar with the armamentarium of various options sinus augmentation.*
- *Osseodensification and its function for crestal sinus approach.*

Wednesday, October 9, 2024 **9:00 a.m. – 4:00 p.m.**
CDE Theatre



Dr. Robert A. LEVINE

Dr. Levine is a Clinical Professor in Post-Graduate Periodontics and Dental Implantology at the Temple University Kornberg School of Dentistry and has clinical teaching positions at the University of North Carolina and University of Illinois in Chicago. He maintained a full-time private practice in Philadelphia at the Pennsylvania Center for Dental Implants and Periodontics for over 35 years. He is a graduate from Temple University School of Dentistry and received his post-grad certificate in Periodontics from the University of Pennsylvania. Dr. Levine is a Diplomate of the American Board of Periodontology, Fellow of of the International Team for Implantology (ITI) and a member of the US ITI Section Leadership Team, President and Fellow of the International Society of Periodontal Plastic Surgeons (FISPPS), a Fellow, Diplomate, and a Board of Director of the Academy of Osseointegration (AO). He serves on numerous editorial boards and has authored over 100 publications and 5 book chapters.

“Predictable Evidenced-Based Diagnostic and Surgical Procedures to Ensure Long-Term Clinical Success: A Periodontal Plastic Surgeon’s Perspective”
(9:00 a.m. – 12:00 noon)

Dr. Levine will cover various aspects of diagnosis, treatment planning and surgical treatment using over 35 years of clinical and teaching experience using the “Team Approach.” The topics to be covered include “predictable” evidenced-based treatment protocols to help in avoiding surgical complications includes the management of advanced periodontitis using the newly published “Periodontal Regeneration Risk Assessment (PRRA) in the Treatment of Intrabony Defects” (Levine et al, Clin Adv in Perio, 2023) and “7 Keys for the Treatment of Periodontal Intrabony Defects” (Levine et al, Compend. 2023), alveolar ridge preservation, titanium-mesh (Levine et al, IJPRD, 2022), and the treatment of peri-implantitis, using the “combined” therapy of the use of bioactive modifiers. Focus will be on patient acceptance and patient-reported outcomes (PROS). Dr. Levine will emphasize careful diagnosis and management of soft and hard tissues and their appropriate sequence in therapy when insufficiencies exist. The “10 Keys for Successful Esthetic-Zone Single Immediate Implants” (Levine et al, Compend 2017, 2018, 2021, 2022) suggest that a team protocol, if strictly followed sequentially, would provide high predictability in preventing esthetic implant complications when “virtually planning” the size of the buccal gap, implant length/width for an ideal screw-retained position. Important anatomical factors will also be reviewed of the proposed implant site to insure a long-term esthetic result. This proposed “10 Keys” clinical checklist, has been confirmed in 4 CBCT/clinical studies, which provides high esthetic success rates and happy patients (based on PES/WES and PROS). These 4 Clinical-CBCT studies are co-authored with Drs Mauricio Araujo, Debora Dias and Ping Wang (University of Maringa, Brazil and Temple University) on a series of retrospective single tooth immediate central incisor implants treated by Dr. Levine in private practice with an average of over 5 years follow-up.

Course Objectives:

- Review various “predictable” surgical techniques and goals of implant site development using a prosthetically-driven approach for ridge reconstruction with their benefits and limitations.*
- Recognize the benefits of bioactive modifiers to predictably “super-charge” your bone grafting results in periodontal and peri-implantitis-related intrabony defects, and its use in immediate implant placement.*
- Understand the “10 Keys” principles for Single Maxillary Central Incisor Immediate Implants to avoid esthetic zone complications.*

“Management of Implant Complications and the Ailing-Failing Dental Implant. Now What Do I Do?”
(1:00 p.m. – 4:00 p.m.)

Dr. Levine will cover various aspects of diagnosis, treatment planning and prosthetic-surgical management using his over 35 years of full-time patient care, clinical research and teaching experiences in the interdisciplinary treatment of peri-implant diseases. The topics to be covered include: GBR in the treatment of the ailing implant, implant removal with implant site development techniques, and laser-assisted management of cemented vs. screw-retained cases. The important daily usage of the NEW Periodontal Risk Score (PRS)-formally known as the MMPPI (Compendium 2023) in the diagnostic phase, the Esthetic Risk Profile and Virtual CBCT planning will also be discussed for educating our patients as we are “treating people, not patients.” Dr. Levine will emphasize the careful diagnosis and management of soft and hard tissues and their appropriate sequence in therapy. Practice management and surgical-prosthetic pearls” will be shared and how the “Team Approach” can make this process seamless, successful, personally rewarding and complication-free.

The review of the “Updated 10 Keys Checklist” (2022) and its relations in the treatment of the ailing and failed implants will be discussed. This checklist has been confirmed in 4 retrospective CBCT-clinical studies of failed maxillary central incisor teeth treated by Dr. Levine in private practice with CBCT analysis at the University of Maringa (Brazil) with Drs. Debora Dias and Mauricio Araujo with 2 initial publications in 2022 (IJPRD, CIDRR).

Course Objectives:

- *Discuss the careful interdisciplinary diagnosis and evidenced-based management for the treatment of the ailing dental implant and for implant site development techniques for the treatment of the failed implant.*
- *Understand the “human factors” that can be primary causes of technical and environmental complications in implant dentistry due to the lack of “checklists.”*
- *Understand the interdisciplinary diagnostic, surgical and prosthetic checklist termed the “Updated 10 Keys Checklist” for the retreatment of the hopeless implant.*
- *Recognize the importance of reviewing with the patient the NEW Periodontal Risk Assessment (PSR; 2023), ITI’s Esthetic Risk Profile (ITI Treatment Guide 2017) and “virtual” CBCT implant planning for patient education and medical-legal documentation.*
- *Recognize the benefits of the use of biologic modifiers and soft tissue alternatives used for “phenotype modification” in the treatment of ailing-failing implants.*
- *Discuss the indications for LAPIP i.e. Laser-assisted peri-implantitis procedure and the noted differences in the treatment protocol recommended for cemented vs. screw-retained restorations.*

Thursday, October 10, 2024..... 9:00 a.m. – 4:00 p.m.
CDE Theatre



Dr. Abd Elsalam ASKARY

Dr. Abdelsalam Elaskary is the founder and inventor of the vestibular socket therapy treatment protocol, the founder of the Elaskary & Associates clinic and educational institute located in Alexandria, Egypt, he is currently a visiting lecturer at University of New York NYU, and the president of the Arab society of oral implantology in Cairo. He authored three textbooks in the field of dental Implantology and oral Reconstruction, “Reconstructive Aesthetic Implant Surgery” & “fundamentals of aesthetic implant dentistry” and “Advances in Esthetic implant dentistry” all published by John Wiley, translated into several languages.

“Clinical Management of Aesthetic Complications with Dental Implants”
(9:00 a.m. – 3:00 p.m.)

A clinical step by step guide that touches the daily practice of every clinician performing dental implants service especially in the aesthetic zone, a unique detailed clinical overview of related treatment complications with dental implant therapy that includes: poor diagnostic skills, regenerative complications, with emphasis on the potential risk factors that might escalate the failure rate, and the various implant placement errors and the potential treatment complications that occurs along with immediate implant therapy in the aesthetic zone. This course will focus on how to identify, avoid and treat potential treatment complications using various novel methods: using autogenous composite grafts, multidisciplinary treatment intervention, using laminar bovine bone sheets, using the combination treatment protocol for treatment of gingival recession around dental implants, and special emphasis on the author’s philosophy on bone grafting predictability on a long term follow up.

The presentation objectives:

- *Implant related gingival recession, updated treatment protocol.*
- *How to predict any treatment complication prior to occurrence.*
- *The most predictable regenerative approach.*
- *Why do regenerative materials fail?*
- *interdisciplinary treatment approach*
- *Implant mal-position treatment.*