New York University College of Dentistry
Linhart Continuing Dental Education Program

"Current Concepts in American Dentistry: Advances in Aesthetics and Oral Rehabilitation"

September 15-18, 2025 (Monday-Thursday)
South America/Philippines/Romania/Taiwan

Monday, September 15, 2025 ..... 9:00 a.m. – 4:00 p.m.
CDE Theatre

Dr. Michael SONICK

Michael Sonick, DMD, is an internationally known, highly regarded authority in the field of dental implantology and periodontology. A full-time practicing periodontist in Fairfield, Connecticut, he is also a frequent guest lecturer in the international program at New York University School of Dentistry and the University of Connecticut School of Dental Medicine. He lectures worldwide on the subject of esthetic implants, periodontal plastic surgery, guided bone regeneration, comprehensive treatment planning and the delivery of exceptional customer service. He is the author of the book *Treating People Not Patients* and co-editor of the multi- language textbook, *Implant Site Development*. He serves on the editorial boards of numerous journals including the *Compendium of Continuing Education*, *Journal of Cosmetic Dentistry*, *Inside Dentistry*, *Dentistry Today* and also writes and publishes numerous papers in peer-reviewed journals. Dr. Sonick is a diplomate of the American Board of Periodontology, a diplomate of the International Congress of Oral Implantology, a fellow of the International Team for Implantology, a fellow of the International Society of Periodontal Plastic Surgeons, and an Eagle Scout.

"Implant Treatment in the Esthetic Zone"

The maxillary anterior dental implant is perhaps the most challenging for the clinician. Knowledge of esthetics, bone grafting, gingival grafting and precise implant placement is essential to achieve an implant restoration indistinguishable from the natural dentition. In modern implant dentistry, mere osseointegration is not enough. We tolerate no less than perfection. Thus, the position that creates the most beautiful and functional prosthesis dictates the location of the implant, not the ridge morphology. Today, we simply grow bone where we desire it.

Techniques that are now available to augment hard and soft tissue at the various phases of treatment will be shown. Techniques will include particulate bone grafting, guided bone regeneration with bio-absorbable and non-resorbable membranes and the use of the osteotomes and ridge expanders. Soft tissue procedures to assure optimal esthetic reconstruction before implant placement, at implant placement, at second stage surgery and after second stage surgery will also be demonstrated. These include flap designs to optimize ideal soft tissue profiles, three-dimensional connective tissue grafting, the use of number of second stage surgical flap designs. The requirements and limitation of papilla regeneration between implants, implants and natural teeth, and implants and pontics will be shown.

The sequence and timing of implant placement and regeneration will vary depending on the situation. Implant placement may be immediate or delayed up to nine months depending on the quality and quantity of bone. The advantages and disadvantages of each of the treatment modalities will also be discussed. Four grafting timing possibilities will be discussed: 1) at the time of extraction (site preservation); 2) post extraction (ridge augmentation); 3) simultaneous with extraction and implant placement (Immediate implantation) and 4) post extraction with simultaneous implantation and ridge augmentation (Peri-implant GBR).

Course Objectives:

- *Treatment planning for ideal esthetics*
- *Gingival augmentation options – grafts and surgical design*
- *Philosophy of bone regeneration*
- *When to bone graft and with what*
- *Treatment sequencing*
- *Immediate versus delayed placement*
- *Flap designs*
- *Sequencing treatment and provisionalization*
- *Socket preservation techniques*
- *Second stage surgical techniques*
- *Reduction of surgical complication*

Tuesday, September 16, 2025 ..... **9:00 a.m. – 4:00 p.m.**
CDE Theatre

Dr. Ronaldo HIRATA

Dr. Hirata is Assistant Professor of Biomaterials and Biomimetics Department at New York University (NYU), working with research on restorative biomaterials, focusing on composites and adhesives. Also, he keeps private practice in Curitiba, Brazil, working with Esthetic Dentistry. He is the coordinator of several postgraduate programs on Esthetic and Restorative Dentistry in Brazil, lecturing about Esthetic Restorations in many countries. He finished his DDS at Federal University of Parana/Brazil in 1995, the MSc in Biomaterials in Catholic University of Rio Grande do Sul/Brazil in 2002, and his Ph.D. in Restorative Dentistry in Rio de Janeiro State University in 2009. He had finished his post-doctorate at NYU in 2012, working with Plasma Treatment of Dentin Surfaces. Dr. Hirata has published papers in Journals, more than ten chapters, and two textbooks. His first textbook was "TIPS in esthetic dentistry," launched in 2011, translated into 3 languages. His second book was named "SHORTCUTS in Esthetic Dentistry," published by Quintessence, translated into 3 languages. In 2022 Dr. Hirata launched his new book "RECIPES for composite restorations" in English with Quintessence Publishing.

"Recipes for Esthetic Composite Restorations"

Composite restorations have been widely indicated in daily practice due to replacing traditional amalgam-based materials and improving the esthetic outcome of polymer-based materials. In clinical situations, composite restorations are better indicated than other options due to their conservative approach, reversibility, and ability to repair, especially in younger patients. It is mandatory to recognize these specific clinical situations.
Among several techniques described in the literature, the layering technique is commonly claimed to reproduce the aspects of natural dentition and allow control of stress generated by polymerization shrinkage. However, the layering technique involves deep acquaintance of adhesive procedures, material handling, and dental anatomy, making it complex and time-consuming.
In order to overcome such drawbacks, advances in polymer chemistry engineering and new layering techniques have been proposed. For instance, low shrinkage composites have been developed for bulk filling of cavities, eliminating the steps required in traditional layering techniques, which substantially simplifies composite resin restoration procedures. Bulk filling allows the restoration to be built in either one or two layers, according to the type and features of the bulk-fill composite.
This lecture will discuss indications of composites nowadays and discuss the essential techniques for composite layering (dentin/chromatic/achromatic enamel) and the modified technique using fewer layers and the low shrinkage composites. The step-by-step sequence of each technique is described, along with the challenges and essentials of each one. Results obtained by research done in NYU will also be presented.

Wednesday, September 17, 2025 ..... **9:00 a.m. – 4:00 p.m.**
CDE Theatre

Dr. Henriette LERNER PhD, FDS RCS, is the founder and Director of HL Dentclinic and Academy in Baden-Baden, Germany, an academic clinical, teaching and research facility of the Johann Wolfgang Goethe University, in Frankfurt on Main, Germany. Dr. Lerner is the Past President of the Digital Dentistry Society International (DDS) And holds a Doctor of Philosophy on the topic of Digital Dentistry. Dr. Lerner is a Visiting Professor University Universiapolis, Agadir, Morocco and an Associate Professor at the Private University Fes, Morocco. Among her other certifications, she is a Board Member & Expert for the German Society of Oral Implantology, and Board Member and past President of Digital Dentistry Society. Dr Lerner is also Editorial Advisor for 4 scientific journals and the author of a numerous scientific papers, book chapters – *Esthetics in Dentistry – Implant Esthetics – Digital Occlusion in Implant Rehabilitation* – and Coeditor of *Digital Dentistry Science and Clinics*.

"The Digital Path for Perfect Aesthetics on Implants"

Today's dentistry and oral surgery is symbiosis of art, medicine, science and technologies. 2D and 3Dvisualization of the ideal proportions of the smile are the beginning point for the backward planning. The virtual reconstruction, manufacturing and surgery of the bone, soft tissue and teeth are done with a higher predictability and accuracy. In all phases and technologies, - SCAN, PLAN, MAKE, DONE - artificial intelligence (AI) plays an important role increasing the precision and trueness of the outcomes. Newest studies of digital science and clinical applications will be presented to support the above.

Course Objectives:
To learn the complete digital workflow in complex implant reconstruction cases and the role of AI in all phases.

SCAN:
1. Digital data acquiring (Photo, Video, CBCT, IOS, Face scan)

PLAN:
3. 3 D Smile design
4. Digital Implant Planning and esthetic parameters.
5. Planning of Bone and Soft tissue grafting with minimally invasive procedures.
6. Planning of guides, provisional prosthetic reconstruction

MAKE:
7. Surgical Guides
8. Provisional restoration manufacturing.

DONE:
9. Surgical strategy
10. Minimally invasive bone and soft tissue strategies

FINAL RESTORATION:
11. Final data acquisition
12. Final Reconstruction, Prosthetic Design, Materials and Technologies
13. Digital occlusal adjustment for long-term maintenance.

FUTURE TECHNOLOGIES: THE FUTURE IS NOW.

Thursday, September 18, 2025 ..... **9:00 a.m. – 4:00 p.m.**
CDE Theatre

Dr. Fabio SCUTELLA DDS, CAGS, MSD

Advanced Graduate Study in Prosthodontics (CAGS) and Master in Biomaterials (MSD) from Boston University; Founder member of the Italian Society of Prosthetic and Oral Rehabilitation (SIPRO); Member of the Italian Academy of Restorative Dentistry (AIOP); Active Member of the American Academy of Fixed Prosthodontics (AAFP); Active Member of the European Prosthodontics Society (EPA); Author of the textbooks "Mechanical Behavior of Composite Layered Ceramic Beams" (2013) and "Vertical Preparation: Scientific Analysis and Clinical Protocol on natural teeth and Implants" (2022). Private Practice limited to Prosthetic Dentistry in Milan, Italy.

"The Vertical Concept: A Paradigm Shift in Modern Restorative Dentistry"
(9:00 a.m. – 3:30 p.m.)

The finishing line geometry and the surrounding tissue management have always been looked upon as major key factors to achieve a successful prosthetic rehabilitation. In the past 15 years the author has set up a new clinical prosthetic protocol which simplifies and fasten most of the prosthetic procedures from tooth preparation to final delivery. made of6 different steps easy to understand and to apply. It has been called "simplified" because each single phase (tooth prep, temp relining, final impression, technical part and cementation) has been made more user-friendly both for the clinicians and the dental technician. The whole workflow has become more efficient reducing time and costs. But most of all the long term results, especially in terms of tissue stability, has proved to be extremely predictable.

COURSE OBJECTIVE:
Aim of this presentation is to guide the trainee through each single step of the protocol providing a full understanding of each single phase. Specific focus will be put on the simplification of the clinical procedures and on the time saved by the restorative dentist to achieve the same results as with a conventional protocol.

CERTIFICATES and PHOTOS

(3:30 p.m. – 4:00 p.m.)