New York University College of Dentistry
Linhart Continuing Dental Education Program

1st Annual NYU in Paraguay (Asuncion)
“Advances and Innovations in Clinical Implantology and Aesthetics”
August 2-3, 2016 (Tuesday-Wednesday)

- FACULTY:

Dr. Michael SONICK
Dr. Michael Sonick is a full time practicing periodontist and implant surgeon in Fairfield, Connecticut. He currently is a Guest Lecturer at New York University School of Dentistry in their international dental program and the University Of Connecticut School Of Dental Medicine where he chairs a seminar series in Diagnosis and Treatment Planning for the Periodontal Residents. He was previously a Clinical Assistant Professor in the Department of Surgery at Yale University School of Medicine. He is on numerous editorial boards including the Compendium of Continuing Dental Education, Journal of Cosmetic Dentistry; Inside Dentistry, Dentistry Today, Dental XP, and Journal of Implant and Advanced Clinical Dentistry. He is co-editor of the textbook *Implant Site Development* and a Diplomate of the International Congress of Oral Implantology.

George E. ROMANOS, DDS, PhD, Prof. Dr.med.dent.
Professor of Periodontology at the Stony Brook University, School of Dental Medicine; Professor for Oral Surgery and Implant Dentistry in Frankfurt, Germany; Fully trained in Periodontics, Prosthodontics and Oral Surgery in Germany and NY; Board Certified in Oral Surgery and Implant Dentistry in Germany; Certificate in Periodontology and AEGD (Univ. of Rochester); Diplomate by the American Board of Periodontology and the Int. College of Oral Implantology (ICOI); Former Professor and Director of Laser Sciences at NYU College of Dentistry; former Professor of Clinical Dentistry at the Univ. of Rochester, NY; Dental License in NY State and in Europe.
Fellow of the Academy of Osseointegration (AO), the Int. College of Dentists, ICOI, ITI foundation, American Society for Laser Medicine and Surgery and the International Academy for Dental Facial Esthetics.
Editorial Boards: IJOMI, Clin. Impl. Dent. and Relat. Res (member), J Prosthodontics (member), Odontology (Associate Editor), Photomedicine and Laser Surgery (member), Quintessence Int (member), Compendium (member), J Periodontology (peer review panel), Int. J Dent (member) and others; more than 250 publications, author of 5 books; over 500 presentations worldwide.
PROGRAM SUMMARY:

Tuesday, August 2, 2016 (9:00 a.m. – 4:30 p.m.):

DR. GEORGE ROMANOS

“Advances and Innovations in Ridge Augmentation: Aesthetics and Clinical Considerations”

There is no doubt that augmentative procedures are common in the daily practice. For the narrow alveolar ridge, there are various alveolar extension plastic procedures allowing increase the width of the ridge with many limitations. However, augmentative procedures are successful and dependent on different host response and definitely the surgical approach. The presenter will demonstrate different concepts of therapy and will address the biological concepts besides the management of complications. The surgical steps and the requirements for the success are here discussed presenting also the opportunity of treatment using different loading protocols. The management of the insufficient width as well as the increase in the height in the posterior and anterior parts of the jaws will be demonstrated. Special focus will be the vertical augmentation technique in order to have a good and predictable result.

Wednesday, August 3, 2016 (9:00 a.m. – 4:30 p.m.):

DR. MICHAEL SONICK

“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
- Reduction of surgical complications