Tuesday, September 5, 2017 ....................................................................................................................... 9:00 a.m. – 4:00 p.m.

Dr. Mazen Natour
Clinical Assistant Professor, Department of Periodontology and Implant Dentistry at New York University College of Dentistry; Director of the Implant Honors Program, and Director of the Fundamentals of Implant Dentistry Course, at New York University College of Dentistry. Private Practice in New York City.

“The 10 Most Common Mistakes in Implant Dentistry”
(9:00 a.m. – 12:00 noon)

Dental implant has become part of the standard of care, whether in completely edentulous mandible to retain an overdenture, or to restore distal extensions in partially edentulous patient. With the increased implant placements and restorations from the posterior simple cases to the challenging esthetic zone, mistakes have increased leading to compromised cases and unhappy patients. Dr. Natour will present clinical cases showing these mistakes, how to avoid them and how to handle them.

Course Objectives:
- Review some fundamental parameters in implant dentistry
- Understand limitations of implant dentistry and/or the practitioner
- Discuss Mistakes and how to resolve or try and correct them
- Avoid Mistakes and avoid unrealistic expectations from the patients.
- Explain and discuss the cause effect relationship between the prosthesis and the surgical placement.

Dr. Paul FLETCHER
Dr. Fletcher is a periodontist who practices in New York City and as a member of Specialized Dentistry of New York, a group implant, cosmetic specialty practice. He is an Associate Clinical Professor at the Columbia University College of Dental Medicine, where he teaches periodontics and implant dentistry on a post-graduate level. Dr. Fletcher has had more than two dozen papers published in the dental literature and has lectured on periodontal prosthetics and implant dentistry both nationally and internationally.

“The Diagnosis, Prevention, and Treatment of Inflammatory Peri-Implant Disease”
(1:00 p.m. – 4:00 p.m.)

As the number of implants that have been placed worldwide increases and as the number of years implants have been in place increases, the incidence and prevalence of inflammatory peri-implant disease has been rising. Whether you are placing or restoring implants it’s imperative you have an understanding of the factors involved in the initiation of peri-implant disease, are able to diagnose the problem in its incipiency and can then take the proper steps to arrest its progression.

At the end of this presentation the participant will:
1) have an understanding of the etiology, microbiology and histopathology of peri-implant disease, and its progression from mucositis to peri-implantitis.
2) understand which instruments and chemotherapeutic agents are best suited to debride, detoxify and decontaminate an affected implant.
3) understand the indications for non-surgical and surgical therapy, and understand the specific implant surgical techniques utilized to optimize the result of treatment.
4) know how to establish an office protocol for the early recognition and diagnosis of peri-implant disease as well institute Cumulative Interceptive Supportive Therapy (CIST) to stop mucositis before it progresses to peri-implantitis.
Wednesday, September 6, 2017 ................................................................................. 9:00 a.m. – 4:00 p.m.

Dr. Stephen WALLACE
Former Clinical Associate Professor, New York University College of Dentistry, Department of Implant Dentistry; Clinical Associate Professor, Department of Periodontics, Columbia University, Private Practitioner of Periodontics and Implantology in Waterbury, Connecticut; Member of the American Academy of Periodontology and Fellow of the Academy of Osseointegration.

“Advances and Innovations in Sinus Lift Procedures and Augmentation Procedures”

Evidence-based reviews of the sinus augmentation procedures over the past decade have shown that implants placed in grafted in maxillary sinuses experience survival rates similar to or better than implants placed in the non-grafted posterior maxilla. The reviews show that utilizing available evidence to select grafting materials, membranes and implant surfaces is what leads to high success rate. New techniques have evolved to make the procedure more complication-free with reduced patient morbidity.

This presentation will focus on the use of that information in the formulation of treatment plans that lead to the most favorable outcomes in clinical practice. Further research from a database of over 1,000 sinus augmentation surgeries performed at the NYU Department of Implant Dentistry will be presented in a step-by-step manner that will allow the clinician to achieve maximum results with minimum complications.

Handling of intraoperative and postoperative complications will be discussed. Topics will include:

- Evidence-based decision-making for maxillary sinus elevation (proper choice of graft materials and membranes)
- Evolution of lateral window sinus elevation techniques through slides and video presentations (rotary handpiece, Piezosurgery, DASK technique)
- New transcrestal sinus elevation techniques (DENSAH, DASK, etc.)

Thursday, September 7, 2017 ................................................................................. 9:00 a.m. – 4:00 p.m.

Dr. Ady PALTI
Editor-in-chief of Compendium Implantology; Past President, Diplomate and Board Member, International Congress of Oral Implantology; Past President, European Academy of Oral Implantology; Private Practice in Baden-Baden and Kraichtal, Germany.

“Lateral and Vertical Bone Augmentation Techniques for Perfect Implant Position”

The expectations of our patients concerning perfect aesthetics, functionality and phonetics demand a high standard of implant skills. Today’s patients are also expecting to have an immediate restoration after losing their teeth. Although the success rate of 90-95 is impressive, we should try to avoid the 5 to 10 percent of failures and complications. The new technique of 3D planning and navigation could bring us closer to this goal. By using CBCT (Cone Beam CT), the dentist is able to carry out perfect implant planning. Both the position of the implants in the vicinity of anatomical structures and the future prostheses can be planned exactly.

To optimize this technique in the daily practice, we use different augmentation techniques to achieve perfect implant position.

- Lateral ridge augmentation with particulate materials and membranes.
- Bone splitting and autogenous bone blocks
- Bone spreading techniques to improve bone density and for close sinus elevation.
- Different locations for bone harvesting procedures

All of the above mentioned techniques will be demonstrated step-by-step. The instrument needed will be presented as well as clinical cases with long term success (over 18 years) will be presented.
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.

“Immediate Loading and Lasers in Surgical Dentistry: From the Basic to the Advanced”

Immediate loading has been accepted as an evidence based concept in the anterior part of the mandible. The presentation will focus on the immediate functional concept of implants placed in poor bone qualities and compromised bone metabolism. The main characteristics of the implant design, implant/abutment connection as well as the requirements for a successful treatment will be demonstrated.

The second part of this presentation will be focused on the laser treatment in implant dentistry. The clinician will be able to learn more about the different laser wavelengths, the laser-tissue interactions as well as their applications in implant dentistry. The preparation will illustrate a high number of periimplantitis cases as well as the long term clinical outcome after the use of implant surface decontamination using lasers.