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; is Visiting Clinical Professor in the Master of Periodontology at Universitat Internacional de Catalunya, Spain; is International Lecturer in the Department of Periodontology at Columbia University, New York; is International Lecturer for the Continuing Dental Education at New York University, New York; has published numerous articles in international 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.

“The Future is Now!
A New Minimally Invasive Approach to Solve Complex Cases”
(9:00 a.m. – 12:00 noon)

In this lecture innovative procedures and protocols will be described in details in order to give to the attendees precise guidelines to achieve predictable results when facing challenging clinical scenarios. Minimal invasiveness and shorten treatment time are the key points of this new philosophy. The treatment of both anterior esthetic zone and posterior functional area will be analyzed aiming to accomplish immediate provisionalization even in cases of extreme bone atrophy condition. Clinical cases, practical tips and research data supporting this approach will be discuss.
Digital technologies have dramatically changed the face of dentistry in the last decades. Treatment planning can include new digital diagnostic tools like 3D-facescanner, bite registration, cone beam and optical impressions. Dentists are nowadays capable of generating more efficiently a large amount of information for the communication with the lab technician. This information can facilitate a higher predictability for the rehabilitation, as it enables virtual try-ins, a more reliable basis for material selection, adequate implant-positioning, as well as esthetical and functional evaluations.

CAD/CAM-fabricated tooth-colored splints can be manufactured according to the wax-up, separately for the upper and the lower dentition. This two-splint-concept allows exploring the final treatment goal in a reversible test drive. Based on the removability of the splints surgical, periodontal, as well as restorative pre-treatments can be easily integrated in this extended period of exploration, without any negative side effects for esthetics and function. The transfer into the definitive restoration can be divided into multiple treatment steps, which minimizes the risk factors of complex tooth-colored rehabilitations.

Attendees will learn:
- To differentiate pre-treatment options with CAD/CAM-fabricated polymers.
- To understand material selection criteria to ensure durable CAD/CAM-based temporaries.
- To identify the treatment steps for the transfer into definitive restorations.
- To recognize the potential and limitations of specific ceramic types in different fields of fixed prosthodontics and implant superstructures.
- To describe preparation designs and luting modes assigned for different types of ceramics.
- To comprehend material selection criteria and occlusal concept to ensure durable all-ceramic restorations.

Tuesday, March 16, 2021
9:00 a.m. – 4:00 p.m.

Dr. Dennis TARNOW
Dr. Tarnow is currently Clinical Professor of Periodontology and Director of Implant Education at Columbia School of Dental Medicine. He is the former Professor and Chairman of the Department of Periodontology and Implant Dentistry at New York University College of Dentistry. Dr. Tarnow has a certificate in Periodontics and Prosthodontics and is a Diplomat of the American Board of Periodontology. He is a recipient of the Master Clinician Award from the American Academy of Periodontology, Teacher of the Year Award from New York University and Distinguished Lecturer Award from the American College of Prosthodontists in 2015. Dr. Tarnow has a private practice in New York City, and has been honored with a wing named after him at New York University College of Dentistry. He has published over two hundred articles on perio-prosthodontics and implant dentistry and has coauthored three textbooks including one titled Aesthetic Restorative Dentistry. Dr. Tarnow has lectured extensively in the United States and internationally in over forty-five countries.
**“Immediate Extraction Socket Management in the Esthetic Zone and Molars
What We Know, What We Think We Know, and What We Don’t Know About.”
(9:00 a.m. – 12:00 noon)**

Immediate placements of implants into extraction sockets is an exciting treatment alternative for our patients. However, there are many potential short and particularly long-term risks, which the practitioner must be fully aware of. This presentation will focus on the potential problems and benefits both clinically and biologically when the choice of immediate socket placement is made for single and multiple sites. This will be an evidence-based presentation that will be objective about the best and simplest way to treat these types of cases.

Upon completion of this presentation, participants should be able to:

- Identify what type of healing takes place against the implant in immediate socket placement
- Know how to minimize recession with immediate provisionalization
- Know the proper crown contour for immediate provisionals
- Know if the gap distance really matters
- Know if primary closure should be attempted or should it be left open?
- Know if membranes should be utilized?
- Know what type of graft material if any should be utilized?
- Identify what are the potential short and long-term risks involved with immediate placement of implants?

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**“Interdisciplinary Approach for Treating the Esthetically Compromised Patient”
(1:00 p.m. – 4:00 p.m.)**

The treatment planning of complex cases requires the highest level of knowledge and skill of the treating team. It is an orchestration of procedures including proper sequencing and timing that makes the difference. An envisionment of the final case before starting is required to know where the goal of treatment will be directed. This, in conjunction with the patients’ needs and clinical situation comprise the decision-making process for what is the best treatment for the patient.

Problems facing the team such as:

- Which teeth to save or extract?
- Should implants be placed immediately or in a delayed protocol?
- Should multiple implants be placed in the aesthetic zone?
- When and how to include orthodontics if needed for sight development
- Should pink ceramic be used or should ridge augmentation be performed?
- Should the case be splinted or broken up into separate bridges or individual teeth?
- How to provisionalize the case throughout treatment
- When to immediate load cases versus do a serial extraction case
- These concerns will be addressed in this interdisciplinary approach to our most challenging cases.
Dr. Marco RONDA
He graduated in medicine in 1990 at the University of Verona and since then he practices dentistry at his private practice in Genoa. Among the many post graduate courses he attended the one-year-course in advanced surgery held by Prof. Massimo Simion in Milan and attended a Master course in Regenerative Surgical Techniques at the University of Pennsylvania. He annually attends the meetings organized by the American Academy of Implant Dentistry and several specialized courses on the techniques of horizontal and vertical bone regeneration. He also participates annually at the Continuing Dental Education at the New York University College of Dentistry, Post Graduate. From 2014 to date he periodically provides a semestral practical training courses in implantology and bone regeneration techniques at his practice. During the years he attended national and international congress as a speaker. From 2011 he is a relator at the Post Graduated Course at the University of Modena and Reggio Emilia. In 2011 the International Journal of Periodontics & Restorative Dentistry published his study reporting a new surgical technique of lingual flap management appropriate in all cases of increase in bone volume; on the same magazine in 2014, a new clinical study on the management of the buccal flap titled “A novel approach for the coronal advancement of the buccal flap” has been published. He is also author of an article published on COIR magazine comparing the clinical outcomes in GBR with the e-ptfe and d-ptfe non resorbable membrane. He is an active member of the IAO (Italian Academy of Osseointegration) and co-founder of the Piezosurgery Academy.

(9:00 p.m. – 12:00 noon)

Surgical approach in GBR:
- One-stage versus two-stages
- Description of all the main techniques of flap passivation
- Timing of the GBR procedure
- Soft tissue management before during and after the GBR
- Maturation of the regenerated bone
- Severe atrophies: application of a customized titanium mesh to a complete upper jaw

Prof. Dr. Med. Dent. Fouad Khoury, DMD, PhD
Born in Lebanon; 1978: DMD, St. Joseph University, Beirut; 1978-1994: Department of Oral and Maxillofacial Surgery of the Universities of Freiburg and Muenster, Germany. 1984: Diploma in Oral Surgery and Doctorate in Medical Dentistry. 1988: Habilitation, 1994: Professor at the University of Muenster. Actual position: Chairman and Director of the Privatklinik Schloss Schellenstein, Olsberg, Germany. Professor at the Dep. of Oral and Maxillofacial Surgery of the University of Muenster. Member of editorial board of several international journals. Chairman of the examination comity for Oral Surgery and board member of the German society of Oral surgery. Several Prices (e.g. Pioneers in Dentistry 2016 AUB, W. Laney Award 2017 American A. Osseointegration) and Patents. Author of 3 bestseller textbooks translated to more than 10 languages. More than 130 Publications and 1000 Lectures / Courses worldwide.
Two & 3 dimensional bony defects need for the reconstruction special surgical procedures to assure at long term an acceptable functional and esthetic result. The long-term success depends of a precise pre-operative diagnostic, atraumatic surgery, the amount of vascularisation and vitality of the grafted area, correct implant geometry and position as well as a systematic soft tissue augmentation improving also the quality of the surrounding gingiva. Autogenous bone grafts harvested from the mandible, and used following the split bone block (SBB) technique are offering many possibilities for intra operative facilities leading to a high vascular support of the grafted area which is important for stable long term results. Splitting the thick cortical block to 2 or 3 thin blocks is augmenting the number of blocks allowing the reconstruction of larger atrophic crest and giving a better adaptation to the recipient site with individual determination of the width and the volume of the grafted area. Filling the space and gaps between the thin block and the remaining crest with particulate bone chips is reducing the time needed for revascularization of the graft improving its vitality compared to the original thick block. Implants inserted in this grafted bone presented in long-term similar osseointegration as implants placed in non-grafted bone. Different pedicle or free graft are assuring the required volume of the soft tissue.

Objectives:

- Diagnostic, alternatives and decision
- Minimal invasive bone augmentation: the "carrot technique"
- Technique of safe harvesting of bone blocks
- Split bone block technique and biological concept
- Vertical 3D bone augmentation: the "Box technique"
- Technique of pedicle connective tissue flap.
- Soft tissue management for graft protection and soft tissue augmentation
- Papilla reconstruction techniques
- Soft tissue management for long term stability: “Kazanjian vestibuloplasty”
- Prevention & management of intra- & postoperative complications.
Thursday, March 18, 2021
9:00 a.m. – 12:00 noon

SEPTODONT Auditorium

Dr. Sascha JOVANOVIC

Sascha A. Jovanovic was formally trained in Periodontics at UCLA School of Dentistry, in Implant Dentistry at Loma Linda University, and in Prosthodontics at the University of Aachen, Germany. Dr. Jovanovic graduated dental school from the University of Amsterdam (ACTA) and holds a Master of Sciences degree in Oral Biology from UCLA. He is currently an Associate Professor at Loma Linda University and Academic Chair of the gIDE Institute (www.gidedental.com), located in Santa Monica, CA. Dr. Jovanovic’s multi-specialty practice is in Los Angeles, and for the past 25+ years, he has limited his patient and research work to dental implant therapy, bone & soft tissue reconstruction and esthetic dentistry.

He is the past-President of the European Association for Osseointegration (EAO), past-Course Director at UCLA Continuing Dental Education, past-co-director of the UCLA Implant Center, past-board member of AO’s Osseointegration Foundation, and the recipient of numerous awards, honorary memberships and recognitions from universities, organizations and publications. Dr. Jovanovic’s clinical research emphasizes surgical and esthetic management in dental implant therapy and bone and soft tissue reconstruction techniques. His applied research focuses on bone regeneration with different bone graft materials, growth factors, and barrier membranes, as well as the biology of soft tissues around teeth and implants. Dr. Jovanovic teaches implant dentistry extensively worldwide and has published 65+ articles and book chapters, and one textbook, Color Atlas of Implantology (Thieme Publ.). He is on several editorial boards for scientific journals, has published a DVD and online education series titled “Advanced Implant Therapy,” and is the Director of the gIDE/LLU 1-year Master Clinician Program in Implant Dentistry.

“Soft Tissue Management and Grafting to Promote Implant Health and Esthetics for the Long Term”
(9:00 a.m. – 12:00 noon)

This presentation will provide the current knowledge and criteria in soft tissue management and how to achieve stable and long lasting soft tissue margins around implant restorations. Soft tissue management, preservation and grafting, especially where it relates to the rehabilitation of partially edentulous patients with thin biotypes and high aesthetic demands will be presented from an evidence based and clinical step-by-step fashion.

Soft tissue mucogingival procedures with palatal grafts and substitutes to improve vestibular problems, keratinization, and thin gingival biotype in the anterior esthetic zone will be discussed with patient selection, grafting protocol, and temporization options.

The position, spacing and choice of implant materials with preservation of mucogingival tissues will be discussed and the techniques to reconstruct the deficient implant site like soft tissue grafts, membrane technology, growth factors are presented with their indications and limitations.

The restorative part of this presentation will focus on the shape and material of the abutment and temporary restorations and to the timing of insertion. This will result in harmonious healing of the tissues with guided soft tissue growth and papilla regeneration while minimizing the discrepancies between the anatomical emergence profile of a natural tooth and implant.

In addition, immediate tooth replacement in the anterior esthetic zone will be discussed with patient selection, grafting protocol, and temporization options.

OBJECTIVES:

- To understand the criteria for correct implant placement.
- To be able to identify the proper tissue management and grafting protocol.
- To choose the ideal material, shape and timing of abutment and prosthesis.