

Saturday May 6, 2017

Newton CARDOSO, DDS

Adjunct Assistant Professor, Cariology and Comprehensive Care at New York University, College of Dentistry; Brazil International Program Director for Continuing Dental Education Program, New York University; Director of Smile designing Center in Sao Paulo, Brazil; Director of New Education, Sao Paulo, Brazil; Director of Brazilian Society of Esthetics Dentistry; Member of the Leading Dental Centers of the World; Director of Geneva Smile Center, Continuing Dental Education. Graduate UNISA (Universidade Santo Amaro), Sao Paulo, SP, Brazil; Postspecialization in Perioimplantology in CETAO, SP, SP, Brazil.

Topic: “Aesthetic Dentistry and the Art and Science of Smile Design”

Abstract: The presentation will deal with the everyday problems of esthetics and restorative challenges in today's contemporary practice. A realistic and practical approach to restorative dentistry will be thoroughly discussed. What are the psychological and biological barriers to successful patient treatment? What do patients really want? What is the latest research? How to improve practice performance and patient satisfaction? What are the do's and don'ts of full mouth rehabilitation cases? How to evaluate and select materials?

Christian S. Stohler, DMD, DrMedDent

Dr. Stohler, dean of the Columbia University College of Dental Medicine and senior vice president of Columbia University Medical Center. A leading expert on pain management and on jaw disorders such as temporomandibular joint and muscle disorders (TMJD), Dr. Stohler is former dean of the University of Maryland School Of Dentistry. His more than 120 articles and book chapters have been cited more than 5,400 times.

Topic: “2020: Embracing and Adapting to the Emerging Oral Health Environment.”

Kevin SUZUKI, DMD

Dr. Suzuki holds faculty positions at Temple University Graduate Periodontics and University of Washington School of Dentistry. He is currently in private practice of Periodontics in Seattle, WA.

Dr. Suzuki is a Diplomate of the American Board of Periodontology and International Congress of Oral Implantologists. He is past president of the Washington State Society of Periodontists and Washington representative of the Western Society of Periodontology. Dr. Suzuki is a member of the Omicron Kappa Upsilon and American College of Dentists Honor societies. He lectured at ADA Annual sessions in Washington DC (2015), ADA Denver (2016), and will speak at ADA Atlanta meetings (2017).

Topic: Implant Complication: Surgical and Post-operative

Abstract: This lecture presents and explores common complications in oral implantology for practitioners who place or are learning to place dental implants. The focus will be on issues that arise during the actual surgical placement or post-surgical complications that can occur during osseointegration healing of the placed implant. Surgical complications will be categorized into concepts of treatment planning, procedural, or anatomical issues. Postoperative complications will also be

addressed and methods of treatment will be explored.

Course objectives:

Recognize, avoid, and learn management strategies to treat or reduce surgical complications related to dental implant placement.

Recognize, avoid, and manage postoperative complications related to implant placement.

Learn about these aspects illustrated by clinical examples to be able to implement principles when treatment planning future dental implant cases

Yung Cheng Paul Yu, DDS

Dr. Paul Yu born in Rome in 1973 from Chinese Descendant, Graduated from Dental school in 1997 at Universita' Sapienza in Rome. Advanced Orthodontic and Gnatology trained at Ospedale Nuovo Regina Margherita in Rome.

Advance Implant Dentistry trained at New York University in New York.

Lecturing nationally and internationally and publishing in different peer reviewed journals.

Currently a Full-Time Faculty at New York University, Ashman Department of Periodontology and Implant Dentistry.

Topic: The Use of 3D Printing for Implant Education

Abstract: The common use of Cone Beam Computed Tomography (CBCT) images has enabled the 3D printing of the exact osseous anatomy of the patient. A 3D printed model is a valuable aid for the clinician as it allows for pre-operative simulation, which can reduce significantly the surgical time, reduce the risk of intra-operative complications and decrease the potential for error. Moreover, it provides to the surgeons the tactile simulation to ensure a predictable and successful surgery. 3D printed models have substantially enhanced the planning and education of implant surgery. The aim of this presentation is to focus on how such models are advantageous when undertaking a sinus augmentation procedure with simultaneous implant placement.

Learning Objectives:

The objective of this presentation is to document how CBCT images are used to create a patient specific 3D anatomical model and the application of this procedure for surgical teaching and its clinical uses.

Sunday May 7, 2017

Jonathan Abenaim, DMD

Cosmetic & Implant Dentist

Clinical Associate Professor in Dept of Implant Dentistry New York University School of Dentistry, Diplomate and Fellow of The International Congress of Oral Implantologists

Co-Founded a dental study club (**Implant, Reconstruction and Esthetics Study Club**) that focused on educating other dentists on the highest level of dentistry possible.

Topic: Digital Dentistry Implants-Teeth-Printing-Milling and Everything In between!

Abstract: Digital Dentistry is rapidly becoming a standard in everyday dental practice. The applications of Digital Dentistry are endless and proper education for its boundaries is needed. 3d scanning, Intraoral Scanning, Digital Printing and in house milling can be done correctly, profitably and more importantly it can be done while having fun. Learn how to practice the highest standards in dentistry while utilizing digital technology in the dental office. Discussions will include but not limit Trios Scanner, multiple 3d printer manufacturers, dental milling and its applications and Digital Design from surgical guides to digital waxups to full mouth digital workflow.

Learning objectives:

Understand the need and use for Digital Dentistry today in 2017

How to incorporate in house printing for Digital Waxups, Surgical Guides, Complete Dentures and Verification Jigs

The Full Mouth Reconstruction Digital Workflow

Zirkonia and its indications for in house milling

The Need for Dentists to incorporate their team and technology to be successful in today's market

Masao Yamazaki, DDS

Dr. Masao Yamazaki maintains a full-time private practice in Tokyo, Japan. He is the founder and director of the Society of Japan Clinical Dentistry(SJCD). Dr. Yamazaki is the author of *Esthetic-Restorative Treatment: Management for the Complex*

Prosthesis (Quintessence, available in Japanese and German). He lectured internationally and published many books and articles.

Topic: Interdisciplinary management of complex restorative treatment

Abstract: A large change is brought to modern restorative dentistry by the innovation and development of dental materials. From the patient's side, a voice to expect a higher level of esthetic restorative treatment is also rising because of a deluge of information and knowledge from various media and fields. However, on the other hand, it possesses a certain element of danger.

In other words, it has a possibility to twist the essence of treatment in an excess of seeking esthetics. It is an axiomatic truth that even the esthetic restorative treatment cannot be said as a real restorative treatment if it has no considerations of function, structural mechanics and biology etc together.

That is the why we have to establish the clinical basis for the esthetic restorative treatment now, considering this knowledge. At the same time, the more complicated and difficult the clinical cases become, the more cooperation with another field, such as orthodontics, periodontics, and implantology will be needed at each clinical stage before, during, and after treatment. Thus, the key to success of more refined aesthetic restorative treatment is a minute and detailed discussion with the specialist of another field about the diagnostic treatment planning.

Learning Objectives:

Understand interdisciplinary treatment

Explore the guidelines of material selection

Understand esthetic classifications

Takashi Ono, DDS PhD

Professor and Chair, Orthodontic Science, Graduate School of Medical and Dental Sciences

Tokyo Medical and Dental University (TMDU). He is a Research Fellow of the Japan Society for the Promotion of Science, and served as a Visiting Clinical Assistant Professor and Postdoctoral Fellow at the University of British Columbia, Vancouver, Canada. Prof. Ono has lectured intensively worldwide.

He also serves as an editorial board member for 6 international peer-reviewed journals. Prof. Ono has published 6 book chapters and more than 180 articles related to orthodontics, craniofacial function/dysfunction, sleep-related respiratory disorders, and brain activity. He is currently a member of the Executive Committee of the World Federation of Orthodontists (WFO), and has been appointed as Chairman of the 9th International Orthodontic Congress (IOC) 2020 in Yokohama, Japan.

Topic: Evidence-based orthodontic treatment strategy in the future society with longevity and low birthrate

Course objectives (after the lecture participants will be able to):

To know how to manage the loss of teeth in adults

To realize the significance of physiological function during growth

To understand the importance of clinical approaches to promote oral health based on evidences

Hai Zhang, DMD, PhD.

Prof. Zhang is a tenured Associate Professor in the Department of Restorative Dentistry, University of Washington. He received DMD from West China University of Medical Sciences, PhD in Oral Biology and a Certificate in Prosthodontics, both from the University of Connecticut. Prof. Zhang is a board-certified Prosthodontist, a Fellow in the American College of Prosthodontists (ACP) and Assistant Director of UW Graduate Prosthodontics program. He is a member in ACP Research Committee and American Dental Association (ADA) Advanced Dental Admission Test (ADAT) Committee. He is a member of the prestigious Omicron Kappa Upsilon (OKU) National Dental Honor Society and the President of OKU National Supreme Chapter in 2015. Prof. Zhang teaches didactic and clinical Prosthodontic courses at both Pre-doctoral and Graduate levels. His research focuses primarily on dental implantology and dental tissue regeneration. His research has received ACP Geriatric Award and NIH/NCRR/ITHS Joint Ignition Award. He has published more than 40 peer-reviewed articles and several book chapters in the areas of dental implantology, clinical Prosthodontics, dental materials and oral biology. He is a Section Editor of the Journal of Prosthodontics and a member of the Editorial Review Board of the Journal of Prosthetic Dentistry.

Topic: Contemporary Concepts in Designs and Fabrication of Removable Partial Dentures

Abstract: With the advancement of new materials and technology, dentistry has evolved significantly in recent year. However, little has changed in the designs and fabrication of removable partial dentures (RPD), although they remain to be one of the most cost-effective treatment modalities for restoring partially edentulous patients. This presentation will discuss some of the newer concepts in the design of RPD, especially combining the applications of dental implants and fixed restorations in the same patients. The application of digital technology in designing and fabricating RPD will also be introduced.

Learning Objectives:

To be familiar with the design and fabrication of RPD when combining with dental implants and fixed restorations.

To be familiar with the new advancement in applying digital technology in RPD design and fabrication.

David CHONG, DDS

Dr. David Chong is the Senior Course Director of the Basic and Advanced Dental Implant Training courses for AIC Education and has been a premiere lecturer since 2007. He is regularly invited to lecture to dentists all over the world and this year alone has taught in Canada, Korea, Russia, Kazakhstan and numerous US cities. Dr. Chong is a Consultant and Advisor for the New Jersey State Board of Dentistry and serves as a Faculty Member for the New York University College of Dentistry's Surgical and Prosthetic Implant Treatment Program. He continuously pursues the latest developments and advancements in dentistry and implantology.

Topic: Transcrestal Approach Sinus Augmentation: Overcoming common vertical ridge deficiency in posterior maxilla

Abstract: In the posterior maxilla, residual bone height is limited by the presence of the sinus and often plays a key factor in the placement of dental implants. A sinus lift is the ideal approach (when evaluating an atrophic maxillary ridge with deficiency in vertical height) to build additional bone in order to place a solid and stable implant. The gaining popularity of the transcrestal sinus lift makes this option more accessible than ever

The transcrestal sinus approach to sinus lift surgery is a less invasive technique than traditional approaches of elevating the sinus membrane for dental implant placement in the maxillary region. New techniques and tools help the clinician to minimize perforation of the sinus membrane. Patients benefit greatly from the transcrestal sinus approach as this less traumatic method promotes a shorter healing time than lateral window approaches.

This interactive course provides an opportunity for participants to expand their knowledge base and clinical skills to allow for management of simple maxillary sinus cases. Through the use of lecture and participation activities doctors will learn how to perform the transcrestal augmentation technique and build up bone in the posterior maxilla. Emphasis will be placed on simple and practical approaches to place dental implants simultaneously with sinus lift on flat or inclined sinus floor.

Learning Objectives:

Proficiency in the anatomy of the sinus

Conventional transcrestal sinus lift technique using osteotome verses contemporary approach to lift sinus technique using various tools

Familiarity with the indications and contraindications of transcrestal approach sinus lift

Awareness of the advantages and limitations of using a transcrestal approach