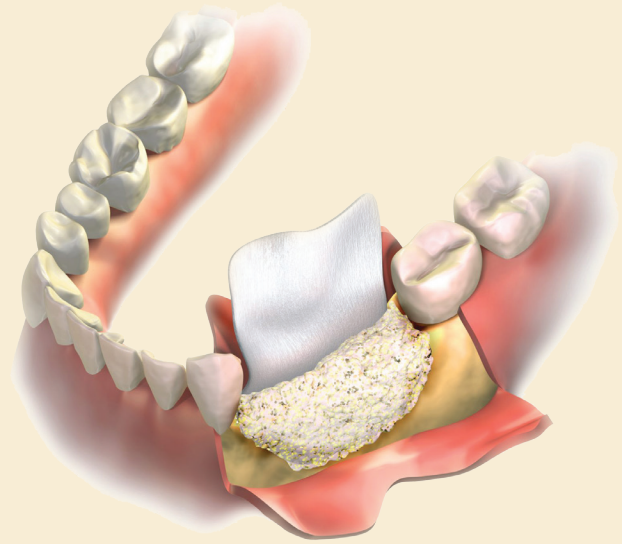


REGENERATION SYMPOSIUM:

Latest Developments in Bone and Soft Tissue Regeneration



September 21-24, 2023
New Orleans, LA

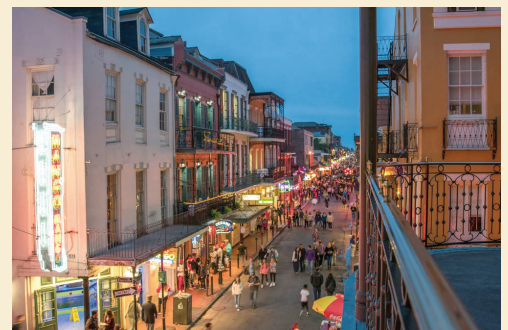
Speakers:

Drs. Homa Zadeh, Richard Miron, Thomas Wiedemann,
Bobby Birdi, Vinay Bhide, Vahid Khoshkam, Seiko Min,
Navid Sharifzadeh, Steve Wallace, Michael Block, John Kim,
and More to Come



Astor Crowne Plaza
New Orleans
French Quarter

739 Canal Street at Bourbon
New Orleans, LA 70130



Welcome to the 2nd Annual

Regeneration Symposium: Latest Developments in Bone and Soft Tissue Regeneration

**The event will take place on September 21-24, 2023
at the Spectacular
Astor Crowne Plaza French Quarter | New Orleans, LA**

The purpose of our symposium is to present in detail the modalities of soft and hard tissue grafting. Presentations will begin with a historical view and then transition to the most relevant techniques and options available today. The lectures will be scientifically based and be presented by clinicians and educators with a long history in our field. The goal is to immediately utilize these concepts in private practice settings. From mesh types, to peri-implantitis repair, tissue grafting, surgical approaches, and treatment planning will all be part of the discussion.

This unique learning event will feature evidence and updates on many current topics in regeneration.

Discussions will include, but not be limited to, treatment planning, surgical options, their risks and benefits, types of grafts and their rationale, mesh: its benefits and risks, and peri-implantitis repair.

The event is a two-day symposium at the Astor Crowne Plaza New Orleans French Quarter, LA.

Our presenters for Friday and Saturday will include world-class clinicians: Drs. Homa Zadeh (creator of the Vista Technique), Bobby Birdi, Richard Miron (The Foremost Expert in PRF), Seiko Min, Michael Block, Navid Sharifzadeh, Vinay Bhide, Steve Wallace, Vahid Khoshkam, and John Kim. All lectures will be 60-90 minutes, and there will be a "lively" panel discussion at the end of each morning and afternoon session.

Our hands-on courses will take place Thursday, Saturday, and Sunday. They will offer new advances in Bone Regeneration, Soft-Tissue Regeneration, Sinus Lift Procedures, Peri-Implantitis Treatments, PRF Uses and Treatments, and finally, Extraction Techniques.

This symposium will also have a Hygienist Appreciation Day on Saturday. It is specifically tailored for the hygienist; however, we have found over previous meetings that both specialists and restorative dentists find the lectures very stimulating. Speakers include restorative dentist Dr. William Paveletz and hygienists Tricia Osuna and Heather Rogers

Please go to www.goldmandental.org or call our offices at 813-444-1011 to register. Should you have any questions, reach out to our Executive Director, Todd Goldman at tgoldman@amgoldman.com

We look forward to welcoming you to exciting New Orleans, LA.



Meeting Chair,
Dr. Homa H. Zadeh,
DDS, PhD

COURSES & WORKSHOPS



Homa H. Zadeh, DDS, PhD

Lecture: Bone and Soft Tissue Regeneration in the Esthetic Zone

Course Description:

A variety of atrophic conditions in the esthetic zone require bone and/or soft tissue regeneration for optimal outcomes. Their management requires 1) proper diagnosis, 2) risk assessment to determine the likelihood of achieving success, 3) selection of appropriate technique, material, and protocol, 4) careful surgical execution, and 5) follow-up and management of complications. Although many techniques, material, and protocol are available, emphasis will be placed on those, which are: evidence based, have highest potential for achieving desired outcomes, associated with lower patient morbidity and less chance of complication. In particular, the VISTA technique provides many biological and surgical advantages for soft tissue and bone regeneration. This presentation will begin with explanation of the concepts and theoretical aspects, as well as clinical case presentations to illustrate the protocol.

Learning Objectives:

At the conclusion of this program, participants will acquire understanding of:

- Risk assessment and classification
- Material selection
- Flap management for effective ridge augmentation
- VISTA for bone and soft tissue regeneration
- Complications: recognition and management

Hands-On Workshop: Regenerative Therapies for Peri-Implantitis

\$395

Course Description:

A percentage of implants that are placed develop biological complications. With increasing popularity of implants, the prevalence of these complications is increasing, requiring management by clinicians. It is clear that once peri-implantitis reaches certain severity, surgical intervention is required, consisting of resective or regenerative approaches. This workshop will focus on regenerative therapies to treat peri-implantitis, in an effort to save affected implants.

Learning Objectives:

At the conclusion of this workshop, participants will gain practical experience with:

- Defect selection for resective vs regenerative approaches
- Implant surface decontamination
- Flap designs and VISTA tunneling for surgical access and regeneration
- Preparation of biologically based composite graft material
- Fibrin Immobilization Vestibular Extension (FIVE) for the treatment of peri-implantitis

Biography:

Dr. Zadeh is a diplomate of the American Board of Periodontology. He received his doctor of dental surgery degree from the University of Southern California (USC) Ostrow School of Dentistry. He has also completed advanced clinical education in Periodontology and earned a PhD degree in immunology from the University of Connecticut, Schools of dental medicine and medicine. Dr. Zadeh is internationally recognized for his clinical and scientific expertise. His publication and research focus on both clinical, as well as basic science aspects of tissue engineering. He served as the president of the Western Society of Periodontology in 2017. Dr. Zadeh directs the VISTA Institute for Therapeutic Innovations with blended educational pedagogy on a variety of clinically-relevant topics. He also maintains a private practice limited to periodontology and implant surgery in Southern California.



Vahid Khoshkam, DDS, MS

Hands-On Workshop: Guided Bone Regeneration

\$395

Course Description:

It is well established that presence of sufficient amount of the bone plays a major role in the success of dental implants. Among different techniques of hard tissue augmentation that have been utilized, with varying degrees of predictability, guided bone regeneration is the most documented method to increase the height and the width of the alveolar bone. In this workshop, the principles and biology of predictable bone augmentation and step-by-step Guided Bone Regeneration will be discussed and practiced on the animal model. Moreover, selection of appropriate bone grafting material, membranes, and membrane fixation systems will be discussed.

Learning Objectives:

At the conclusion of this workshop, the participants will acquire a comprehensive understanding and ability to perform guided bone regeneration, more specifically on flap management and advancement, graft stabilization, and proper suturing and closure to ensure predictable ridge augmentation.

Biography:

Vahid Khoshkam, DDS, is a remarkably accomplished board-certified periodontist with 20 years of experience practicing dentistry. At El Paso Periodontics & Implant Specialists in El Paso, Texas, Dr. Khoshkam provides individualized care to patients seeking a wide variety of treatment options. Dr. Khoshkam is a graduate of the prestigious University of Southern California (USC) advanced periodontology program where he received his specialty degree. He also earned a MS in Craniofacial Biology from USC. He is a Diplomate of the American Board of Periodontology and has published numerous articles within the top-ranked dental journals in the world. Dr. Khoshkam lectures internationally, educating other dental practitioners. His expertise in the field has led him to become a leading author in periodontology, writing multiple chapters about the subject. Dr. Khoshkam is a peer reviewer for the Journal of Dental Research, one of the world's most prestigious dental journals. His passion and dedication to his craft have led him to become one of the leading periodontists practicing in the field today.



Navid Sharifzadeh, DDS, MS

Lecture: Soft Tissue Augmentation for Correction of Challenging Esthetic Problems in Implant Therapy

Course Description:

From the early days of the discovery of dental implants, there has been a substantial paradigm shift from utilizing the implants in the edentulous ridges to rehabilitation of the most complex cases in the esthetic zone. With increasing number of implants placed in the esthetic zone, there is a rising number of complications associated with this treatment protocol. There has been a need for documentation of esthetic complications, as well as defining the risk factors. Despite all the benefits of this treatment modality, the clinicians should be aware of all the disadvantages correspondingly.

Learning Objectives:

- This presentation will describe the importance of the soft tissue complex around dental implants, as well as illustrate the different surgical techniques to enhance the soft tissue barrier at the implant sites for long term health, function, and esthetics.
- This presentation will consist of different clinical scenarios demonstrating the value of different techniques for specific indication. From the old-fashioned free gingival graft and laterally positioned flap to newer coronally advanced flaps, VISTA technique, and the advantageous usages of vascularized grafts, this case presentation will illustrate how challenging cases, such as severe soft tissue deficiencies, esthetic complications and mal-positioned implants, may be managed with these surgical interventions.

Hands-On Workshop: Soft Tissue Augmentation for Correction of Challenging Esthetic Problems in Implant Therapy

\$395

Course Description:

This workshop will describe the importance of the soft tissue complex around dental implants, as well as illustrate the different surgical techniques to enhance the soft tissue barrier at the implant sites for long term health, function and esthetics.

Learning Objectives:

In this workshop the participants will learn about different clinical scenarios and the value of different techniques for specific indication. From the old-fashioned free gingival graft and laterally positioned flap to newer coronally advanced flaps, VISTA technique and the advantageous usages of vascularized grafts, this workshop will illustrate how challenging cases, such as severe soft tissue deficiencies, esthetic complications and mal-positioned implants, may be managed with these surgical interventions. All participants will perform the following techniques on an animal model:

(Pig Jaw / Sheep Jaw)

- Different harvesting techniques for Connective Tissue Graft and Free Gingival Graft
- CTG Rolled Technique
- CTG Vascularized Interposition Graft (VIP)
- Step by Step VISTA technique

Biography:

Navid Sharifzadeh, DDS MS, Periodontist, Dental implant surgeon, Graduated from the University of Southern California (USC) in Los Angeles, CA, Diplomate of the American Board of Periodontology and Implant Surgery, Visiting scholar, Tehran University of Medical Sciences, MSC in Craniofacial Biology. Book Chapters: Complex Dental Implant Complications, edited by Shahrokh C., Bagheri, Husain Ali Khan, Mark R. Stevens, Chapter 5: Aesthetic Dental Implant Complications. Hossein Behnia, Navid Sharifzadeh Oral and Maxillofacial Surgery, Raymond Fonseca, 2017, 3rd Edition. Volume 1. Chapter 34: Peri-Implant Soft Tissue Augmentation Homayoun H. Zadeh, Diane Anthony-Costandi, Navid Sharifzadeh



Michael S. Block, DMD

8 to 30 Year Augmentation Stability Using The Tunnel Approach

Course Description:

Most of our patients will live many years after we treat them and restore their mouths. This presentation will document long term results using specific materials and approaches for ridge augmentation. The tunnel approach is a preferred method due to its low morbidity and maintenance of vascular tissue coverage. The heat treated xenograft used will be present over the time that we have documented. This discussion is meant to educate the attendees on the planning process, decision on which material and why to use it, and then the timing of procedures.

Learning Objectives:

At the end of this presentation the attendee will:

- Recognize the need to use a material that will not resorb but has macroporosity for bone ingrowth
- Recognize which material to use when presented with extraction sockets and thin ridges
- Understand that long term success relies on the use of hygienic restorations
- Understand that thin bone over implants will resorb

Biography:

Dr. Block graduated from the University of Rochester in 1975, attaining both a BA in Biology and a BS in Biomedical Engineering. He completed his dental training at the Harvard School of Dental Medicine in 1979, receiving his D.M.D. cum laude in a special field. He completed his residency program in Oral and Maxillofacial Surgery at the LSU School of Dentistry in 1983. He remained at the LSU School of Dentistry and achieved the academic rank of Professor in the Department of Oral and Maxillofacial Surgery. Currently he is in private practice. Dr. Block is the editor-in-chief of five textbooks on dental implants, Endosseous Implants for Maxillofacial Reconstruction, Implants in Dentistry, Color Atlas of Dental Implant Surgery: the 4th edition was published in 2015. He is Past President of the Academy of Osseointegration, and has been program chairman for three of their annual programs. Dr. Block serves on the American Association of Oral and Maxillofacial Surgeons (AAOMS) Committee on Continuing Education as Chairman of the subcommittee on dental implants. Dr. Block has been an examiner for the American Board of Oral and Maxillofacial Surgery. He is a Section Editor on Dental Implants for the Journal of Oral and Maxillofacial Surgery. Dr. Block is particularly interested in the translation of technology for efficient and predictable reconstruction of the jaw to provide ideal bone for implant placement and esthetic replacement of missing teeth, the use of multiple techniques and implants to reconstruct significant atrophic conditions, and interceptive strategies for rehabilitating extraction sites with implant restorations. Hobbies and interests: Golf, skiing, road cycling, nutrition, science fiction, computer technology.



Richard J. Miron, DDS, MSc, PhD

Lecture: Exosomes, PRF and the Future of Regenerative Medicine/Dentistry

Course Description:

Exosomes are the smallest subset of extracellular signaling vesicles secreted by most cells in the range of 30–150 nm in diameter. They have gained enormous momentum recently for their ability to be utilized as diagnostic tools, as well as for a vast array of therapeutic applications. Over 5,000 publications are currently being published yearly on the topic, and this number is only expected to dramatically increase as novel therapeutic strategies continue to be investigated. This talk focuses on the understanding of exosomes including their cell origin, biogenesis, function, and characterization. Thereafter, an overview of their application in regenerative dentistry and medicine is presented including their use as an adjunct to PRF therapy.

Hands-On Workshop: Update on Extended-Platelet Rich Fibrin and BioFillers

\$895

Course Description:

This hands-on course will cover all the new advancements made with respect to the newest formulations of platelet concentrates. These advancements will cover how to make custom-shaped PRF and better concentrate liquid-PRF, providing a better understanding for optimization of the protocols utilized in everyday dental practice. Thereafter, the Bio-Heat technology will be presented. This will cover the heating steps necessary to extend the working properties of PRF from a fast-resorbing 2-3 week membrane towards a membrane that lasts 4-6 months. Various protocols will be demonstrated whereby clinicians will learn how to make an extended-PRF membrane that lasts 4-6 months, as well as how to make a novel sticky bone that contains an outer e-PRF membrane that may be utilized for ridge augmentation procedures.

Learning Objectives:

- Optimization of protocols for any centrifugation device
- Update on Bio-Heat technology and the ability to extend the working properties of PRF from 2-3 weeks to 4-6 months
- Improve cell and growth factor release using concentrated-PRF (C-PRF) protocols when compared to traditional injectable-PRF (i-PRF) on any centrifugation device
- Launch of the Bio-Cool technology
- Importance of PRF tubes for the fabrication of PRF
- Coupon code for Free access to an online 8CE program at www.prf-edu.com

Biography:

Dr. Richard Miron is currently lead educator and researcher at Advanced PRF Education and an Adjunct Visiting Faculty in the department of Periodontology in Bern, Switzerland where he completed his PhD studies since 2009. He has currently published over 300 peer-reviewed articles and lectures internationally on many topics relating to growth factors, bone biomaterials, and guided bone regeneration. For the past 5 years, Dr. Miron has been recognized by Dentistry Today as being one of the top 100 CE providers in the country and the youngest to ever make the list. He is also the top ranked researcher on Platelet-Rich Fibrin therapy as per Expertscape independent review. He has recently been awarded many international prizes in dentistry and is widely considered one of the top contributors to implant dentistry having won the ITI Andre Schroeder Prize, the IADR Young Investigator of the Year in the field of Implant Dentistry, as well as the IADR Socransky Research award in the field of Periodontology (2020). He has written 8 textbooks widely distributed in regenerative dentistry including his 2019 best-seller, "Next Generation Biomaterials for Bone and Periodontal Regeneration" and his 2021 "Understanding Platelet Rich Fibrin."



Thomas G. Wiedemann, MD, PhD, DDS

Lecture: Graftless Implantology as a Forward-Looking Clinical Concept for Highly Atrophic Arches

Course Description:

"The edentulous patient is an amputee, an oral invalid, to whom we should pay total respect and rehabilitation ambitions" (P-I Branemark, 2005). The atrophic and edentulous jaw can pose a number of challenges for the implant clinician. In simple terms, the amount of bone that remains is insufficient for the conventional placement of a dental implant. A variety of treatment strategies can be employed to enable implants to be placed despite the paucity of bone stock in either the mandible or the maxilla. Conceptually, these strategies follow one of two pathways: either augmentation of the bone, or the novel utilization of the remaining bone. However, successes do not always occur. Immediate

COURSES & WORKSHOPS

loading cannot be performed in all grafted bone situations. More recently, non-grafting solutions that maximally utilize the residual highly atrophic alveolar or extra-alveolar bone for implant therapy have been reported to have success. The emergence of diagnostic imaging and 3D printing technology alveolar bone for implant therapy have been reported to have success. The emergence of diagnostic imaging and 3D printing technology has allowed clinicians to provide individualized patient specific implants that can adapt precisely to the patient's remaining alveolar bone. Furthermore, short, small diameter, tilted, as well as parasal, pterygoid, and zygomatic implants that utilize the patient's extraoral facial bone outside the alveolar process can provide predictable and optimal results with no or minimal bone grafting with less treatment time. This presentation considers and discusses the rationale and range for contemporary graftless solutions in implant therapy, as well as the use of various graftless protocols as alternatives to grafting and conventional dental implant therapy.

Learning objectives:

- Understand and evaluate different bone grafting procedures in highly atrophic arches
- Get an overview on graftless implantology
- Learn about the All on 4 concept; indications, risks, contraindications
- Learn about zygomatic and pterygoid implants: surgical protocols, indications, complications
- Clinical awareness of the outcomes of different treatment options in order to be able to critically assess the best option for each clinical situation

Thomas G. Wiedemann, MD, PhD, DDS

Hands-On Workshop: Modern Advanced Atraumatic and Surgical Extraction Techniques, Complications Management, Socket Grafting, GBR, and Other In-Office Oral Surgery Procedures for General Dentists

This Course Consists of Lectures and Hands-On Training on Porcine Mandibles

\$895

Course Description:

This course is under the direction of Thomas G. Wiedemann, MD, PhD, DDS, Clinical Associate Professor and full-time faculty at New York University, College of Dentistry, Department of Oral & Maxillofacial Surgery. Prof. Wiedemann's career consists of 27+ years of surgical and educational experience in an academic setting and successfully operating a private practice providing the full spectrum of Oral & Maxillofacial Surgery and Implant Dentistry. He has special interests in dental emergency care, pain management, minimal invasive surgical strategies and techniques of the full scope of Oral & Maxillofacial Surgery. He has acquired extensive expertise in implant surgery with multiple implant systems since 1995. He is well versed in innovative concepts of alveolar ridge augmentation and reconstruction and soft tissue regeneration, BCT guided- and piezo-surgery. He is the author of many publications, speaker in national and international conferences on oral surgery and implantology related topics and serves on the editorial board of several renowned and peer reviewed scientific journals.

Learning Objectives:

- Understand and apply practical working knowledge in non-surgical and surgical techniques used in modern exodontia
- Apply and select specific instruments for minimally invasive and alveolar ridge protecting extraction procedures to facilitate immediate dental implant placement
- Manage common real-life complications associated with tooth extractions
- Analyze and anticipate surgical challenges in tooth extractions
- Feel comfortable in risk assessment in medically compromised patients requiring tooth extractions
- Perform current simple protocols of GBR, including socket preservation, as related to pre-implantological extractions
- Perform other frequent and common oral surgery procedures in the general dental practice
- Allow participants to refine and update all surgical skills

Biography:

Thomas G. Wiedemann, MD, PhD, DDS, is currently a Clinical Associate Professor and full-time faculty member at New York University, College of Dentistry, Department of Oral & Maxillofacial Surgery. He is a Fellow of the European Board of Oral - Maxillofacial and Head & Neck Surgery (EBOMFS) and has Diplomate status in the International Congress of Oral Implantologists (ICOI). Professor Wiedemann's career consists of 27+ years of surgical and educational experience in an academic setting and successfully operating private practices, providing the full spectrum of Oral & Maxillofacial Surgery, but specialized in Implant Dentistry. Dr. Wiedemann is the author of a variety of peer reviewed publications, 2 book chapters, he has lectured extensively nationally and internationally, and conducted over 50 hands-on courses on oral surgery topics, implant and bone graft procedures. He serves on the editorial board of multiple peer-reviewed scientific journals. Recently he accepted leadership as co-editor in chief for the Journal of Dentistry and Oral Sciences and as Editor in chief for Journal of Surgery and Surgical Procedures. His special research interests are: minimal invasive surgical techniques of the full scope of Oral & Maxillofacial Surgery and implant surgery, emergency care, ceramic implants, Titanium intolerance, peri-implantitis and implant failures, surgical complications management in implant dentistry and oral surgery. He has acquired extensive expertise in implant surgery with multiple implant systems (titanium and zirconia) since 1995 and with innovative concepts of alveolar ridge and soft tissue augmentation (intra- and extraoral autogenous bone grafts), piezoelectric- and robotic assisted surgery.



Vinay Bhide, B.ArtsSc.(Hons.), DDS, MSc (Perio.), FRCD(C)

Achieving Predictable Horizontal GBR Outcomes with Amnion-Chorion Barrier Membranes

Course Description:

Guided Bone Regeneration (GBR) is a validated therapeutic modality used to augment deficient alveolar ridges in preparation for placement of endosseous dental implants. Currently, the most commonly used barrier membranes for GBR include non-resorbable synthetic membranes and resorbable xenogeneic collagen membranes. In the past decade, there has been much interest in the use of dehydrated human de-epithelialized amnion-chorion membranes (ddACM) derived from placental tissue, for use in various periodontal and oral surgical procedures given their favorable and unique biological and physical properties. This evidence-based presentation will discuss the use and advantages of ddACM as a biologically active barrier membrane for achieving predictable bone regeneration with GBR procedures. Several cases will be presented detailing initial grafting to prosthetic restoration.

Learning Objectives:

- Discuss the biology of placental tissue allografts and various surgical applications of amnion-chorion barrier membranes
- Demonstrate the use of amnion-chorion barrier membranes for GBR procedures with case presentations
- Understand the advantages and limitations of amnion-chorion barrier membranes

Biography:

Dr. Vinay Bhide is a Board Certified Periodontist, Diplomate, American Board of Periodontology, Clinical Instructor and Lecturer, Department of Periodontology, University of Toronto, Adjunct Assistant Professor, Department of Periodontics, University of Pennsylvania. Dr. Vinay Bhide is a board-certified periodontist who provides the full scope of surgical periodontal and dental implant therapy. Dr. Bhide has a special interest in esthetic and reconstructive periodontics. Dr. Bhide completed his DDS and MSc in Periodontology at the University of Toronto. In addition to private practice, Dr. Bhide is a clinical instructor in the Graduate Periodontology Program at University of Toronto. He is also an Adjunct Assistant Professor in the Department of Periodontics at UPenn. Dr. Bhide has lectured nationally and internationally and published on various topics related to periodontics and implantology.



Seiko Min, DDS, PhD, MS

Importance of Phenotype Modification Therapy Around Teeth and Implants using VISTA Technique

Course Description:

Prevalence of gingival recession in adult population in U.S. is >50%. It is imperative that clinicians are proficient in treating mucogingival deformities. Phenotype modification therapy has emerged as one of the main treatment objectives of periodontal plastic surgery. The Vestibular Incision Subperiosteal Tunnel Access (VISTA) technique introduced by Dr. Zadeh provides a minimally invasive treatment modality with predictable and esthetic results in correcting various mucogingival deformities.

Learning Objectives:

This lecture will provide latest evidence-based information on the VISTA approach in treating mucogingival deformities around teeth and implants. Importance of phenotype modification therapy utilizing various graft materials will also be reviewed through clinical cases.

Biography:

Dr. Seiko Min trained in Periodontics and Implant therapy in Japan and US. He is currently a director of the Preceptor Periodontics Program of School of Dentistry at the University of Texas at Houston. In 2009 he earned PhD degree in bone biology at Nihon University, Tokyo, Japan and completed Advanced Periodontology and Implantology Residency Program at University of Southern California, Los Angeles, California in 2014. He has received prestigious awards by American Academy of Periodontology, Academy of Osseointegration, American Academy of Implant Dentistry, Osteology Foundation. In 2018, he was appointed as an Assistant Professor in the Department of Periodontics and Dental Hygiene at the University of Texas Health Science Center at Houston. He has published many scientific peer reviewed papers and internationally renowned lecturer, best known for his work in the field of oral plastic surgery, "Gum Recession Therapy" utilizing innovative approach. Dr. Min's research focuses on Tissue Engineering as well as Clinical Research, including soft tissue graft, bone graft, regenerative therapies in Periodontics, and Implant Dentistry.



Bobby Birdi, BSc, DMD, MSc, Dip. Perio, Dip. Pros.,

FRCD(C), FACP, DABP

Simplifying Osseous Regeneration with the use of Blood Biologics & Surgical-Prosthetic Synergy

Course Description:

This course will showcase various cases/materials and modalities to provide osseous grafting in practice. The great benefits and use of blood biologics (PRP/PRF) will be demonstrated, as well as the use of proper planning using the digital workflow. Lastly, the benefits of utilizing surgical-prosthetic planning and provisionalization will be highlighted in order to provide consistent results utilizing simple concepts.

Biography:

Dr. Birdi received his dental degree from the University of Saskatchewan and his post-graduate specialty training in both periodontics and prosthodontics from the University of Minnesota. He is a Fellow and previous Examiner for the Royal College of Dentists of Canada and a Diplomate of both the American Board of Periodontology and the American Board of Prosthodontics. Dr. Birdi is one of the very few board certified dual specialists in periodontics and prosthodontics in North America, and the first and only specialist in the world to attain board certification in these two specialties in both the USA and Canada. Dr. Birdi is the co-founder of the Digital Dentistry Institute which is a global learning organization for his fellow dentists and one of the largest dental educational organizations in Canada. He is also founder of the BC Perio Dental Health & Implant Centres in Vancouver which is one of the largest and most technologically advanced multi-specialty dental centers in Canada.



Stephen S. Wallace, DDS

Evolution of the Lateral Window Sinus Elevation Surgical Technique

Course Description:

The lateral window technique has become a go-to procedure for creating sufficient horizontal and vertical bone for the placement of dental implants in the posterior maxilla. Procedural success rates and implant survival rates have both been reported to exceed 95% in multiple evidence-based reviews. At some point, changes to surgical techniques were not likely due to the quest for higher success rates, but to other factors. This led to the development of piezoelectric surgery and the DASK surgical instrumentation and the surgical technique innovations of the S.A.D. (simplified anastomy design) and the low window approach.

Learning Objectives:

- Discuss the reasons for surgical evolution
- Evaluate the changes in surgical instrumentation
- Learn the latest surgical techniques (Piezo, DASK, S.A.D., low-window)

Hands-On Course: The DASK Technique (Dentium Advanced Sinus Kit)

\$395

Course Description:

While maxillary sinus elevation is now considered to be the most successful ridge augmentation procedure, this did not happen overnight. From its beginnings, there have been issues with intraoperative complications, such as membrane perforations. Later there was a quest to reduce treatment times and post-surgical morbidity. The DASK technique has proven to be a surgical modality that successfully addresses these issues. This novel rotary technique will be presented through both lecture and hands-on model surgery practice.

Biography:

Dr. Wallace received his dental degree from New York University College of Dentistry in 1967 and is a graduate of Boston University School of Graduate Dentistry where he received his Certificate in Periodontics in 1971. Until 2021 he was an Associate Professor in the Department of Periodontics at Columbia University for 5 years and for 19 years prior to that, he had a similar academic rank at the New York University Department of Implant Dentistry. He was a Diplomate of the International Congress of Oral Implantologists and a Fellow of the Academy of Osseointegration. Dr. Wallace lectures on subjects relating to implant dentistry, specializing in maxillary sinus elevation, both in the United States and abroad. He has authored over 50 peer-reviewed papers relating to implant dentistry, contributed numerous text book chapters, and has co-edited a textbook on maxillary sinus elevation surgery. Dr. Wallace received the 2013 American Academy of Periodontology Master Clinician's Award for outstanding service and level of practice.



John Kim, DMD, MS, PA

Optimizing Regenerative Outcomes With GLYMATRIX® Technology

Course Description:

Implant therapy has been the ideal treatment option in replacing missing teeth due to its highly documented success over time. Quite often the success of implant therapy is greatly attributed to the design and surface characteristic of the implant. Commonly overlooked are the quantity and quality of the bone. Guided bone regeneration (GBR) is often needed to allow for predictable implant therapy. It is important to understand that not all cross-linked collagen membranes are the same. Powered by GLYMATRIX®, the versatile OSSIX® product family has enabled clinicians to safely achieve predictable regeneration in a wide variety of clinical scenarios.

Learning Objectives:

- Understand how GLYMATRIX® technology can optimize regenerative outcomes
- Learn the surgical principles of guided bone regeneration
- Describe step by step the surgical management of treating a deficient alveolar ridge in a variety of clinical scenarios.

Biography:

Dr. John Kim began his education by receiving his undergraduate degree with honors in Biology from the University of Virginia in 1999. He earned his D.M.D. degree from the Harvard School of Dental Medicine in 2003. In 2006, Dr. Kim earned his Masters of Science in Periodontology, as well as his Certificate of Advanced Study in Periodontology from the University of North Carolina (UNC) School of Dentistry at Chapel Hill. Dr. Kim's three year residency emphasized dental implants, bone grafting, gum grafting, periodontal regeneration, sinus grafting, and cosmetic surgery. The UNC School of Dentistry has awarded him the Elsie & Baxter Sapp Fellowship and also nominated him as a candidate for the Kramer Award for Excellence in Periodontics. During his studies and training in dental school, Dr. Kim was actively involved in research. At Harvard, he collaborated with Dr. Lillian Carpio on implant survival and risk factors. At the UNC School of Dentistry, he collaborated with Drs. Stephen Offenbacher and David Paquette on the relationship between periodontal disease and heart disease. In 2007, he became board-certified and was awarded Diplomate status after being examined by a panel of internationally respected peers. Dr. Kim actively speaks as an expert on guided bone regeneration, implant therapy, periodontal laser therapy, and soft tissue grafting domestically and internationally. In addition, he enjoys teaching hands-on courses focusing on regenerative therapy.



The Western Society of Periodontology Presents:

DENTAL HYGIENE & PREVENTATIVE CARE COURSES

Saturday, September 23



SPEAKERS



William Paveletz, DMD

Finding the "Gold Crown" in Your Practice... Utilizing the Profitability of Your Hygiene/Preventative Department

Course Description:

Dental practice owners look to achieve the best dental care and to make a profit, but they overlook one of the most valuable assets in their practice...it is their hygiene department!

Learning Objective:

- This lecture will review the changing preventative products' chemistries and will review how dental practice owners can profit from everyday procedures offered by hygienists or EFDA's
- Understand how nano and ORMOCER technology is impacting preventative products
- Review streamlining approaches to desensitizing for better efficacy.
- Understand how to work with your dental team and patients to achieve optimal oral health

Biography:

Dr. William Paveletz, DMD, is a graduate of Temple University School of Dentistry. Upon receiving his DMD degree he completed a one-year general practice residency at University of Pittsburgh and continued studying prosthetics at the Graduate Department of Pittsburgh Dental School. Currently he is one of VOCO's North America Clinical Directors of Continuing Education. He lectures nationally / internationally to dental retailers, dental societies, and teaching institutions. Dr. Paveletz has been published in various dental trade publications regarding temporization techniques with dental implants, treating geriatric patients, and fluoridation usage in adolescences. He has a true passion for preventative and restorative dentistry, with an emphasis on biocompatibility and holistic dentistry. His hands-on workshops focus on topics ranging from dental coding and billing, hygiene, esthetic dentistry, fixed and removable prosthetics, and nano and ormocer technology.



Tricia Osuna, BSDH, RDH, FAADH

CHANGE YOUR THOUGHTS AND IMPROVE YOUR OUTCOMES - An Update on Protocols, Products and Treatment Options

Course Description:

Updated protocols assist us in determining our patient's specific needs. As we move towards a more collaborative profession, we need to embrace these updates to identify those needs. We are presented with continuous challenges of new advances in products and technology and their use in dentistry and are in need of information to determine when and how to add them into our armamentaria. As professionals providing health services, our perception of product use along with protocols needs to be discussed with our team, as well as the interdisciplinary referrals we have. The process of care (assessment, diagnosis, treatment planning, implementation, evaluation, and documentation) requires a comprehension of protocols, products, and treatment options and how they are to be utilized.

Learning Objectives:

- Modify diagnosis assistance with the team and rationale for changes in assessment forms and diagnostic tools
- Distinguish which new-to-market products should be brought into your practice
- Integrate materials and products for a variety of uses in the dental office from infection control, dental hygiene therapy, oral cancer screening, patient communication and instrumentation
- Develop effective communication with patients and assist in the business of the dental practice
- Formulate strategies that incorporate efficiency in patient treatment for more productive scheduling

Biography:

Tricia Osuna, is a University of Southern California graduate, Past President of the American Academy of Dental Hygiene and California Dental Hygienists' Association. Tricia is in her 44th year as a dental hygienist, with many of those as a clinician. She shares her experiences with her audiences in a humorous and enlightening presentation experience. Ms. Osuna is a lifelong CDHA/ ADHA member and a previous Member of the Dental Board of California. She is a Founding Member of the American Board of Facial Esthetics. Licensed in both California and New York, her experiences traverse the dental hygiene arena in a unique way spanning a variety of roles including Consultant, Clinician, Educator, International Presenter, Author, Mentor as well as owner of Professional Insights, Inc. *Sponsored by: VOCO*



Heather Rogers, RDH

Providing Care in a Marijuana Legal World

Course Description:

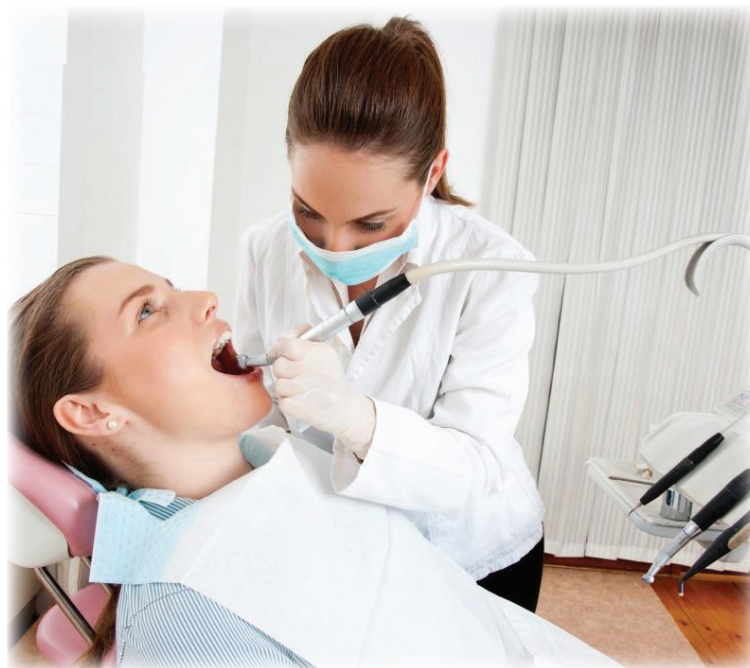
Have you thought about how medical and recreational marijuana use may impact you as a practitioner? This course will discuss treatment modalities of patients using this drug. With states legalizing marijuana, it will be challenging to address just how to safely provide dentistry to our patients. We'll talk about how to make common sense decisions on a topic that has become our new normal. We will also discuss the basic history, method of use, myths, and provide a general knowledge of this complex and ever-changing topic.

Learning Objectives:

- Review how patients are using marijuana for medicine and recreation
- Discuss the myths and truths of medical and recreational marijuana use
- Learn the verbal skills to discuss the effects of marijuana use on the dentition and oral tissue
- Understand the contraindications in providing dentistry to patients using marijuana in a medical or recreational manner

Biography:

Heather M. Rogers began her career in dental hygiene in 1999 when she graduated from the College of Southern Nevada. She has worked in prosthodontics, periodontics, and general dentistry. Heather discovered her love for presenting educational courses while achieving her bachelor's degree and being involved with her professional association. She completed her Bachelor of Science in Dental Hygiene in 2010 and is currently providing continuing education for professionals in communications, diabetes, implant maintenance, probiotics, and infection control



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