

The Western Society of Periodontology 70th Annual Scientific Session,
The Academy of Microscope Enhanced Dentistry 21st Annual Meeting
& Western Region Dental Hygiene Symposium



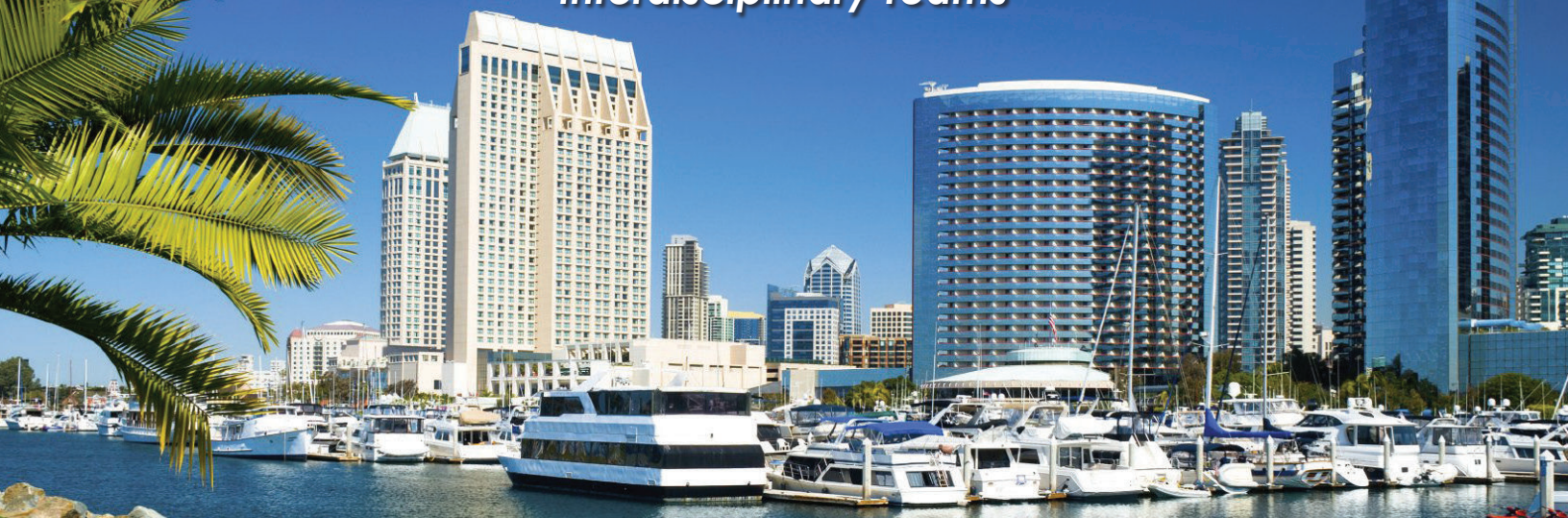
2022

JOINT ANNUAL SESSION

*Achieve Dynamic Synergies Through
Interdisciplinary Teams*



California Dental Hygienists' Association
The Voice of Dental Hygiene



SEPTEMBER 15-18, 2022

SAN DIEGO, CALIFORNIA

WORLD CLASS SPEAKERS, HANDS-ON WORKSHOPS AND SO MUCH MORE

WSP/AMED SPEAKERS

- Joseph Choukroun
- Pascal Magne
- Sonia Leziy
- David Clark
- Dennis Smiler
- Howard Gluckman
- Peter Nordland
- Jean C. Wu
- Alina Krivitsy
- Matthew Fien
- Clifford Ruddle
- Lorenzo Tavelli
- Baldwin Marchack
- Ehab Moussa

- Glenn van As
- Mehrdad Razaghy
- Jorge Zapata
- Juan Carlos Ortiz Hugues
- Abdi Sameni
- Dan Grauer
- Mamaly Reshad
- Robert Miller

WESTERN REGION DENTAL HIGIENE SYMPOSIUM

- Anna Pattison
- Susan Wingrove
- Sherri Lukes
- Claire Jeong
- Kathy Bassett

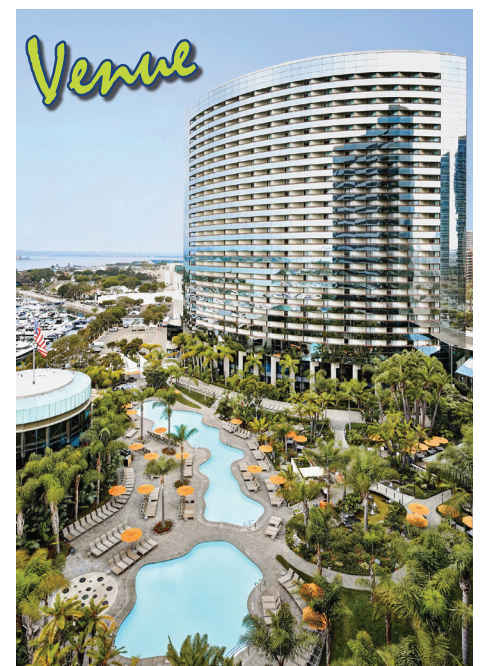
- Tricia Osuna
- Heather Rogers
- Arvie Malik
- Lynn Atkinson

SUPERCHARGE YOUR PRACTICE

- Ian McNickle
- Randy Alvarez
- Todd Goldman

2022 PROGRAM CHAIRS

- Dr. Amir Aalam
- Dr. Cherilyn Sheets
- Susan Wingrove, RDH
- Heather Rogers, RDH



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The Western Society of Periodontology 70th Annual Scientific Session,
The Academy of Microscope Enhanced Dentistry 21st Annual Meeting
& Western Region Dental Hygiene Symposium



2022 JOINT ANNUAL SESSION

Welcome

70 YEARS IN THE MAKING!

**Welcome to the 2022 Western Society of Periodontology,
Academy of Microscope Enhanced Dentistry and
Western Region Dental Hygiene Symposium Joint Annual Session
September 15-18, 2022 • San Diego, CA**

Welcome to a Celebration of Interdisciplinary Dentistry at the 70th Annual Meeting of the Western Society of Periodontology (WSP), the 21st Annual Meeting of the Academy of Microscope Enhanced Dentistry (AMED) and the 3rd Annual Western Region Dental Hygiene Symposium (WRDHS). The dates to mark on your calendar are September 15-18, 2022 in San Diego, CA.

The theme of this year's meeting is "Achieve Dynamic Synergies Through Interdisciplinary Teams". Please join us for this exciting in-person learning event and create a true interdisciplinary vision for your dental practice as you learn from the Giants in multidisciplinary care. This year's speakers include Pascal Magne, Joseph Choukroun, Howard Gluckman, Jean Wu, Alina Krivitsky, Cliff Ruddle, Peter Nordland, Abdi Sameni plus many more world-renowned speakers.

WSP & AMED share a mutual goal of bringing together periodontists, restorative dentists, hygienists, and auxiliary team members for genuine collaboration. This year's event will focus on the entire dental team and we want YOU to be a part of it. Whether you are a surgeon, restorative dentist or a dental hygienist there are opportunities to advance your skills and knowledge from our World-Class Presenters.

As a special feature this year, Saturday will offer one General Session for ALL of our attendees to see great multidisciplinary teamwork with three Intradisciplinary Teams. A focus on communication tools used between each of the specialists in each team will be demonstrated. Mastering these communication skills will help your personal interdisciplinary team achieve the best esthetic and functional result for your patients.

At the same time, the Western Region Dental Hygiene Symposium offers dental hygienists three days of unparalleled dental education. This year's presenters include some of the best Hygiene has to offer....Anna Pattison, Susan Wingrove, Kathy Bassett, Heather Rogers, Lynn Atkinson, Arvie Malik, Claire Jeong, Tricia Osuna & Sherri Lukes.

Finally, the Hands-On opportunities that we have scheduled will be available for those wanting to improve their skills or learn the dental microscope.

The WSP, AMED and WRDHS are excited to collaborate to create this one of a kind learning experience in one of the most desirable locations in America... San Diego, California. The Marriott is one of the premier properties in the city and just a stone's throw from the Gaslamp District and excellent restaurants.

Our Executive Director, Todd Goldman, can be contacted at: 813.444.1014 or tgoldman@wsperio.org if you need additional information. We look forward to partnering with you in San Diego.



**Dr. Alexandre Amir Aalam
& Dr. Cherilyn Sheets**
Meeting Chairs
2022 WSP/AMED/WRDHS
Joint Annual Session



**MARRIOTT MARQUIS
SAN DIEGO MARINA**

**THE MEETING WILL
HAVE TRANSLATION
SERVICES**

All General Session
Presentations will
be Translated into
Japanese and Spanish

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The Western Society of Periodontology is an ADA CERP Recognized Provider. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry. WSP designates this activity for up to 24 continuing education credits.

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Joseph Choukroun, MD - Keynote Speaker *Osteoimmunology and Oxidative Stress. The Two Missing Pieces of the Osseointegration Puzzle*

Course Description:

Angiogenesis starts with an immune reaction. Bone cells are under the control of the immune system. It's now the new science concept named osteo-immunology. However, immunity works properly if the amount of antioxidants allows to balance oxidants. Excess of oxidants is named oxidative stress. Increased level of oxidants in osteoblast is the critical element of the pathophysiology of bone loss. The marginal bone loss and peri-implantitis should be classified as an immune disease induced by oxidative stress. Oxidative stress occurs during of biologic diseases as vitamin D deficiency or hypercholesterolemia. High pressure on bone during implant placement or tension during primary closure are also inducing a high level of oxidants production and therefore, followed by bone loss.

Learning Objectives:

- The role of keratinized mucosa will be analyzed as a barrier to inflammation of the periodontium.
- PRF (platelet rich fibrin) should be considered as a powerful antioxidant and immunostimulant.

Biography:

Dr. Joseph Choukroun is a specialist in anesthesiology and pain management. He invented the PRF technique in 2000, and proposed several updates (advanced, injectable, sticky bone) Dr. Choukroun also serves as president of SYFAC, an international symposium on growth factors. He is an internationally known speaker and author of several scientific publications. Dr. Choukroun earned his M.D. at the University of Montpellier, France and is owner of a private pain clinic in Nice.

ADVANCED COURSE WITH FULL DEMO

Joseph Choukroun, MD

PRF & Osteoimmunology

Course Description:

The use of blood growth factors and PRF is nowadays linked to scientific evidence: their healing action on soft tissues and stimulating action on bone growth are widely documented in the literature. Centrifugation protocols and their clinical applications need to be constantly improved in light of recent scientific innovations.

Many advances have been made in several areas.

1. The decrease in the temperature of the blood allows a significant improvement in the quantity of fibrin obtained following this centrifugation: This is the 'PomPac' innovation.
2. Sticky Bone: Improving the speed of osseointegration as well as easier and faster handling. Several sticky bone protocols are available (4) and allow to prepare it in a different way in order to adapt to the current surgical indication: socket preservation, vertical or horizontal bone augmentation, bone apposition during immediate loading. Sticky bone is prepared in a few seconds nowadays.

3. Osteoimmunology has come in recent years to profoundly modify our knowledge of bone metabolism and osseointegration: bone growth and long-term bone stability are dependent on the immune system. Fibrointegration is the consequence of long-term inflammation. Hence the importance of vit. D and of pre and post-operative immune supplementation.

Why PRF should be considered as a powerful antioxidant.

The surgical conditions will also modify the behavior of platelet and leukocyte cytokines. The analysis of pressure and tension as major elements of oxidative stress will be detailed.

Program:

- PRF. Platelet Rich Fibrin. Definition, method of preparation. Clinical protocols.
- Sticky Bone. From version 01 to version 04. Preparation. Choice of the method according to the indications.
- Clinical indications: Extractions, Muco-gingival surgery. Bone grafts. Periodontology.
- Osteoimmunology & Oxidative Stress: The role of the immune system in bone metabolism and osseointegration. Role of gingival immunity in the genesis of peri-implantitis.
- Oxidative stress: Definition and mechanisms. Deleterious effects on bone.
- Role of Vitamin D and Cholesterol in the oxidation of osteoblasts
- Presentation of advanced protocols of Antiobiofibrin.
- FAST System (Choukroun): horizontal and vertical simplified bone augmentation
- SOFT BRUSHING (Choukroun): flap release without incising the periosteum
- FAST Guide (Choukroun). Simple and easy for immediate loading
- Role of bone pressure and soft tissue tension in surgical failure: mechanisms and solutions.
- The interest of appropriate suturing techniques to increase soft tissue thickness
- The Over Concept: Ensuring success, making surgical outcomes more predictable and reproducible.

DEMO: PRF, sticky bone and all the tips for PRF preparation.

Learning Objectives:

- Understanding the concept of PRF
- How to prepare the sticky bone adapted to the surgical indication
- Understanding the osteoimmunology science and how immunity controls the bone growth and remodeling.



Pascal Magna, DDS, PhD *See More, Prep Less, Bond Better and Deliver the Best Biomimetic Restoration!*

Course Description:

Biomimetic Restorative Dentistry (BRD) implies that utmost attention is given to avoid the removal of intact tooth structure, obtain the best adhesive properties and fabricate the most "tooth-like" restoration possible (functionally, biomechanically and esthetically). Many obvious tools will facilitate those goals such as electric handpieces, oscillating instruments, rubber dam, airborne-particle abrasion, composite instruments, CAD/CAM machines etc. Improving visual acuity with magnifying aids, however, remains one of the most important prerequisites when using these tools and aiming

for BRD. There is a wide range of dental loupes available, from low (2.5X to 4.5X) to high resolution (5.0X to 12.0X). While regular loupes mainly aid with posture, high resolution instruments (loupes and microscope) will significantly enhance both acuity and body mechanics. The aims of this presentation are the following:

Learning Objectives:

- Demonstrate proper tooth preparation including the most conservative caries detection and removal techniques under magnification.
- Emphasize special instruments such as oscillating tips and composite resin placement instruments.
- Understand adequate bonding procedures to enamel and dentin and the selection of the most appropriate restorative materials and basic considerations regarding light polymerization techniques.
- Present clinical cases to illustrate BRD

Biography:

Dr. Pascal Magne graduated from the University of Geneva Dental School, Switzerland, in 1989 with a Med. Dent. and obtained his Ph.D. degree in 2002. He received postgraduate training in fixed prosthodontics and occlusion, operative dentistry and endodontics, and was a lecturer at the same university beginning in 1989 until 1997. From 1997-1999, he was a Visiting Associate Professor at the Minnesota Dental Research Center for Biomaterials and Biomechanics, University of Minnesota, School of Dentistry. After concluding two years of research, Dr. Magne returned to University of Geneva Dental School and assumed the position of Senior Lecturer in the Division of Fixed Prosthodontics and Occlusion until his departure for USCSD. Dr. Magne is a recipient of multiple awards from the Swiss Science Foundation, the Swiss Foundation for Medical-Biological Grants, and was the recipient of the 2002 Young Investigator Award from the International Association for Dental Research. He is also the author of numerous clinical and research articles on esthetics and adhesive dentistry and is an internationally known lecturer on these topics. Furthermore, Dr. Magne authored the book Bonded Porcelain Restorations in the Anterior Dentition - A Biomimetic Approach which has been translated into seven languages and is considered as one of the most outstanding books in the field of adhesive and esthetic dentistry.



Sonia Leziy, DDS, Dipl Perio, FCDS(BC), FRCD(C) *The Impact of Digital Technology in your Periodontal Practice – A Better Way to Deliver Oral Health Care*

Course Description:

Periodontal practice is being shaped by technology with various levels of digital technology penetrating the average practice. This presentation will explore how scanning innovations and digital concepts are shaping our skills and treatment planning solutions, underscoring the importance of adopting a digital philosophy in both conventional periodontal and implant surgical therapies. Concepts that will be reviewed include collaborative virtual surgical planning for teeth and implants and guided surgery/provisional treatment using a stream lined workflow. Basic tooling and training to implement this workflow will be discussed, along with strategies to implement a time efficient collaborative protocol, an overview on how this has reduced our post-treatment failures and complications, underscoring why analogue planning and treatment execution should be minimized. Coupled with this, this presentation will highlight how this leads to more focus on minimally invasive surgical procedures and improved patient experiences.

Learning Objectives:

- Outline what financial investment and training is required to move into the digital realm.
- Define how we effectively collaborate between surgical, restorative and laboratory disciplines in the digital workflow.
- Explore with case illustrations the applications of digital concepts as they relate to periodontal monitoring, planning and treatment, as well as in implant dentistry.
- Discuss the impact on practice efficiency and finances, quality of care, reduced practitioner stress, practice profile and patient views on perceived treatment quality and professionalism.

Biography:

Dr. Sonia Leziy, periodontist, maintains a full time practice on Vancouver Island, British Columbia. She is a clinical associate professor at the University of British Columbia. She is the implant section editor of the Journal Inside Dentistry, co-editor of the implant special edition for CCED (2019), fellow of the ITI, member of the ITI board of studies task force, a Straumann key opinion leader, is a member of numerous editorial boards, and is published in the areas of implant esthetics and digital workflows. She lectures extensively nationally and internationally, and provides hands-on education programs through Elatus Dental Bio-Architecture (www.elatus.ca). *Sponsored by Straumann.*



Dennis G. Smiler, DDS, MScD *Essentials of Extra-Maxillary Approach - Zygomatic Implants*

Course Description:

Zygomatic implants are used for rehabilitation of patients with severe atrophy of the maxilla. The extra-maxillary approach to place zygoma implants avoids the prosthetic nightmare of the palatal orientation of abutments to support a fixed restoration. This presentation discusses the procedure for quadruple zygomatic support of the restoration. The presentation reviews essential surgical anatomy, technique for placing zygomatic implants, virtual treatment planning using stereolithotic models, guided template surgery, orbital complications, and examination of cases.

Learning Objectives:

- Surgical anatomy for zygomatic implants
- Surgical technique to place extra-maxillary zygoma implants
- Stereolithotic model aiding treatment planning

Biography:

Dr. Smiler graduated from the University of Pennsylvania, School of Dentistry. He attended Boston University, Graduate School of Dentistry, earning a Master of Science degree. Fol-

lowing an internship and residency in oral surgery and maxillofacial surgery at Roosevelt Hospital, New York, he returned to California in 1969, establishing his oral surgery practice in Los Angeles and Encino. Dr. Smiler is an educator of dental implantology. He has published numerous articles in the dental professional literature and contributed to periodicals and text books. He lectures extensively and participates in symposiums throughout the country and internationally at universities and conferences. Doctors from around the world attend his seminars and live surgical demonstrations to receive training. Dr. Smiler is a Diplomate of the American Board of Oral and Maxillofacial Surgery, the International Congress of Oral Implantology, the American Congress of Oral Implantology, and the American Society of Osseointegration.



Howard Gluckman, BDS MChD PhD *Partial Extraction Therapies*

Course Description:

The loss of teeth will lead to resorption of the buccal plate with its resultant need for extensive augmentative procedures (both bone and soft tissue) as well as the risk of poor long term aesthetic stability. Partial Extraction Therapies (PET) are techniques that allow

us to maintain the buccal bone plate and hence prevent the collapse of the alveolar bone creating a platform for ideal soft tissue and bone which is stable in the long term. This is a greater problem in the aesthetic areas. This lecture will take you through the different options with regards to immediate implant placement as well as the most cutting edge PET in a step by step fashion.

Learning Objectives:

- Partial Extraction Therapies
- Root submergence technique
- The Pontic Shield
- Socket shield technique
- Procedures and Technical aspects
- Rotated palatal flap and suture techniques.

Biography:

Dr Gluckman is an internationally renowned dental practitioner, implantologist, author and lecturer who has been in the industry for nearly three decades. After completing his dental training at the University of Witwatersrand in 1990, he spent a few years in general practice before taking on a four-year degree in Oral Medicine and Periodontics at the University of Stellenbosch, which he completed with Distinction (Cum Laude). Eager to shape the industry and help others expand their knowledge, Dr Gluckman became instrumental in the development of the University of Stellenbosch and the University of the Western Cape's postgraduate Implantology Diploma. Not one to rest on his laurels, Dr Gluckman recently completed his PhD titled "Partial Extraction Therapy: Past, Present and Future" passing Summa Cum Laude at the University of Szeged in Hungary, under the supervision of Professor Katalin Nagy. A passion for implant training and enhancing the talents of dental professionals across the world. In addition to running his full-time private practice in Cape Town, Dr Gluckman is also the co-founder and director of the Implant and Aesthetic Academy (IAA). To date, it's the only private postgraduate training facility of its kind. Over the last 15 years, the Implant and Aesthetic Academy has grown to become an internationally renowned institution that offers various accredited postgraduate dental courses throughout the year. What's more, the IAA is recognised by Dentalxp as an accredited training facility for their online externship certificate programmes. He also serves as one of the IAA's senior lecturers.



Matthew J. Fien, DDS *Advancements in Hard and Soft Tissue Regeneration: Materials, Techniques, and Protocols to Improve Treatment Outcomes*

Course Description:

The purpose of this session is to review contemporary techniques that can be utilized to improve clinical outcome for regenerative surgery. Advancements in hard and soft tissue grafting techniques and materials will be presented to highlight the use of resorbable membranes, various stabilization techniques, and the use of biologics to enhance the handling of our regenerative materials and improve clinical outcomes.

Learning Objectives:

- To understand how to successfully satisfy the requirements for predictable hard and soft tissue augmentation
- To learn multiple techniques to stabilize the graft membrane complex dependent on the anatomy and morphology of the defect being treated
- To learn to apply site specific soft tissue augmentation techniques to achieve normal anatomic contours and a functionally stable treatment outcome

Biography:

Dr. Matthew J. Fien graduated from Columbia University College of Dental Medicine in 2006. He then received his specialty training in Periodontics from Nova Southeastern University and his diplomate status from the American Board of Periodontology and Implant Dentistry in 2009. Dr. Fien has completed a number of research projects which have led to his work being published in various dental journals, including the Journal of Periodontology, the Journal of Oral and Maxillofacial Surgery, the Compendium of Continuing Education in Dentistry, and the International Journal of Periodontics and Restorative Dentistry. He lectures throughout the country on bone grafting techniques and all aspects of implant dentistry. He developed a hands-on guided bone regeneration course, which he teaches several times throughout the year. Dr. Fien enjoys lecturing at Nova Southeastern University and several other post graduate dental programs throughout the country. He is an active member of the American Academy of Periodontology, Academy of Osseointegration, and the Southern Academy of Periodontology and maintains a private practice in Fort Lauderdale, Florida, limited to Periodontics and Implant Dentistry. *Sponsored by Snaosis.*



Clifford J. Ruddle, DDS, FACD, FICD **Predictably Successful Endodontics**

Course Description:

As a microscope user since the mid 1980's, Dr. Ruddle will briefly describe his clinical journey from proficiency to documentation and teaching. Following this dash through history, this presentation will powerfully show the various procedural steps that serve to guide each case to a successful conclusion. Focus will be on the advantages of utilizing the microscope to improve performance in initial treatment, nonsurgical retreatment, and surgical correction. This lecture is designed for the dental team whose goal is to retain strategic teeth and optimize patient care.

Learning Objectives:

- Appreciate the role root canal system anatomy plays in success and failure.
- Understand the value of the microscope when performing clinical dentistry.
- Learn methods that can be utilized to retain teeth and optimize patient care.

Biography:

Dr. Clifford J. Ruddle is Founder and Director of Advanced Endodontics (www.endoruddle.com), an international educational source, in Santa Barbara, California. He is also the Creator of The Ruddle Show (www.theruddeshow.com). As an inventor, Dr. Ruddle has designed and developed products that are used internationally. He is well known for providing endodontic education through his teachings, articles, and online presence.



Lorenzo Tavelli DDS, MS **Regenerative Treatment and Phenotype Modification of Gingival Recessions using Recombinant Human Platelet-Derived Growth Factor. A Novel, Minimal Invasive Concept**

Course Description:

Several biomaterials have been investigated for the treatment of gingival recessions without palatal harvesting. It has been recently shown that Recombinant human Platelet-derived growth factor (rhPDGF) can further enhance the root coverage outcomes of these biomaterials, promoting periodontal regeneration at the same time. The lecture will present clinical cases of gingival recessions treated with this novel regenerative, minimally invasive approach, combining clinical outcomes with 3D volumetric and ultrasonographic-evidence of phenotype modification.

Learning Objectives:

- Reviewing the current surgical approaches for the treatment of gingival recessions
- Understanding when minimally invasive approaches should be preferred to autogenous connective tissue graft
- Understanding the role of recombinant human platelet-derived growth factor (rhPDGF) for the regenerative treatment of gingival recessions and phenotype modification

Biography:

Dr. Lorenzo Tavelli graduated from the University of Milan in 2017. He completed his three-year residency in Periodontics and his Master of Science in 2020 at the University of Michigan. His main focus has been to conduct clinical research in periodontal and peri-implant plastic surgery, publishing more than 70 scholarly publications in the main international peer-reviewed journals while serving as a reviewer for several well-known journals in periodontics and implant dentistry. He was the recipient of several research awards, such as the 2021 Goldman Clinical Research award from the Italian Society of Periodontology, the 2020 American Academy of Periodontology Balint Urban Research Competition, the 2019 AAP Foundation School Research Award, the first prize at the research competition at the 2020 National Osteology Virtual Symposium and the first prize at the research competition at the 3rd International Symposium on Soft tissue management around teeth and implant in Florence. After completing his residency, Dr. Tavelli joined the Department of Periodontics and Oral Medicine at University of Michigan as a clinical lecturer. Since August 2021, he has been a Member of the Faculty of Medicine at the Department of Oral Medicine, Infection, and Immunity, Division of Periodontology at the Harvard School of Dental Medicine, Boston.

Sponsored by Lynch Biologics.



Baldwin W. Marchack, DDS, MBA **The Role of Occlusion in Esthetic & Implant Dentistry**

Course Description:

In today's highly competitive dental market, standing out from other dental practices means offering patients what they want. Patients today want teeth that are brighter and whiter and natural looking, thus more esthetic surgical and restorative procedures are being performed. And they want fixed solutions for their missing teeth, hence more dental implant procedures are being performed. When we offer these procedures, our restorations for natural teeth and implants are usually being made on one type of CAD/CAM system or another. Most restorations are being computer designed using virtual wax-ups selected from a digital library of teeth that are literally stretched or condensed to fit your particular patient's available space. The question becomes what is the best way to manage the occlusion

on these CAD/CAM restorations? Additionally these CAD/CAM restorations frequently utilize modern ceramics such as lithium disilicate, monolithic zirconia and other hybrid ceramic products. To be successful we must understand the strength limits of these restorations and be in control of the occlusal forces to which we subject them. This presentation will discuss a practical approach to managing the occlusion in esthetic and implant restorations for predictable, successful outcomes.

Learning Objectives:

- Understand the biomechanics of teeth and implants
- Understand how to adjust the occlusion of CAD/CAM restorations
- Consistently establish predictable occlusal schemes for successful esthetic and implant restorations

Biography:

Baldwin Marchack is a 1971 graduate of the Ostrow School of Dentistry of USC. In 1989 he received his MBA from the Anderson Graduate School of Management at UCLA. Dr Marchack is a Fellow of the American College of Dentists, a Fellow of the International College of Dentists, and a Fellow of the Pierre Fauchard Academy. He is a member of the Academy of Prosthodontics, the International College of Prosthodontists and the Academy of Osseointegration, and he is past-president of the American Prosthodontic Society, past-president of the Pacific Coast Society for Prosthodontics, past-president of the American Academy of Esthetic Dentistry and past-president of the Osseointegration Study Club of Southern California. Dr Marchack is an Honorary Member of the American College of Prosthodontists. He serves on the Board of Councilors of the Ostrow School of Dentistry of USC, and is President of the Executive Council for the International Federation of Esthetic Dentistry (IFED). Dr Marchack is the Course Director for the USC Comprehensive Surgical and Restorative Implant Dentistry Training Program in Shenzhen, China and course director for the USC Comprehensive Surgical and Restorative Implant Dentistry Training Program in Hong Kong. He is currently the Chair of the Editorial Council for the Journal of Prosthetic Dentistry, and he maintains a private practice in Pasadena, California.



Ehab Moussa, DDS **Partial Extraction Therapy - The New Gold Standard In Implant Dentistry**

Course Description:

Tissue preservation in implant dentistry has become more of a reality than ever before. Partial extraction therapy (PET) is a concept that encompasses a few techniques aiming at site preservation in conjunction with implant placement. This lecture will focus on the application of PET in daily clinical practice. The main objective will be to showcase the science of PET, and the remarkable potential it holds in implant dentistry.

Learning Objectives:

- Comprehend the advantages of tissue preservation techniques
- Develop an understanding of partial extraction therapy and its advantages
- Understand the basics of partial extraction therapy techniques

Biography:

Dr. Moussa obtained his Bachelors degree in dentistry from Alexandria University, Egypt. He then joined his father in a specialty practice focusing on dental implant rehabilitation. In 2012 Dr. Moussa joined the periodontics fellowship program at Case Western Reserve University (CWRU) in Cleveland, Ohio. Following which he pursued a Masters degree and residency in periodontics at CWRU. Following that, Dr. Moussa joined the implant restoration fellowship program at Louisiana State University in New Orleans, Louisiana. He currently maintains a full time position in private practice limited to periodontal surgery and dental implant rehabilitation. Dr Moussa has lectured nationally and internationally on topics that include; Hard and soft tissue augmentation around implants, partial extraction therapy, and full arch therapy. Credentials: D.D.S. Faculty of Dentistry, Alexandria University -2009 Fellowship in Periodontics, Case Western Reserve university -2013 Masters in Periodontics, Case Western Reserve university-2016 Fellowship in Implant Prosthodontics, Louisiana State University -2017.



Glenn A. van As, BSc, DMD **More than Just Endo - Advantages of the Microscope for Restorative Dentistry**

Course Description:

For 25 years the presenter has been using the Dental Operating Microscope for all aspects of dentistry and the tremendous magnification and illumination possible provides incredible advantages in everyday restorative dentistry. Today's dental restorative materials and patients demand precision and accuracy and the improved visual acuity possible with higher levels of magnification and coaxial illumination provide the ability to improve treatment outcomes from simple direct restorations to complex full mouth cases with dental implants and indirect restorations. See how the advantages of improved precision, ergonomics, documentation and communication with patients may provide both you and your patients in your adult restorative practice.

Learning Objectives:

- Understand how the microscope can benefit a restorative practice from the standpoint of everyday simple direct restorations all the way through to more advanced cases with indirect and implant restorations.
- Discover the four advantages of using the microscope for everyday dentistry beyond endodontics including improved precision, ergonomics,

documentation and communication with patients.

- See what dental research says about using the microscope to help minimize your errors during your dental treatment and how improved visual information provided by the scope may improve treatment outcomes.
- Realize how the microscope can become the center point of your practice as opposed to a "tool" to bring over during endodontic access.

Biography:

Dr. Glenn A. van As graduated from the University of British Columbia (D.M.D.) in 1987. He is in full time private general practice and acted as an assistant clinical professor at the University of British Columbia from 1989-1999. He achieved Advanced Proficiency from the Academy of Laser Dentistry and received the 2006 Leon Goldman Award for clinical excellence. He is also a founder and past president of the Academy of Microscope Enhanced Dentistry.



Jorge Zapata, DDS **The Art of Micro Photography: Taking The Pictures That You Really Want**

Course Description:

Most microscope users believe that without the use of the microscope in dentistry, it would be impossible to accomplish and obtain their desired final outcomes. I have frequently asked myself, why microscope users do not record their work. I believe the answer to this question to be that what the clinician sees through the dental operative microscope (DOM) is different than the images and videos that are captured. Because the captured images do not reflect the same level of high quality dentistry that the clinician successfully obtained, the clinician becomes discouraged and ceases to document the dental procedures. However, the lack of documentation through the DOM results in an inability to clearly communicate with patients and colleagues and inhibits our ability to promote the use of the DOM as an invaluable tool in precision dentistry. One of the main reasons why so many microscope users around the world struggle to capture high quality images and become frustrated in the area of microphotography is that the camera mounted on the DOM is unable to communicate with the microscope's adapter. The camera is digital but the adapter is analog, and thus, the two technologies do not effectively communicate with one another.

Learning Objectives:

- Learn how to establish real mechanical communication between the camera and the adapter in order to obtain the desired images.
- Gain understanding into basic principles of microphotography that work for any camera and any microscope.
- Through better picture quality learn to communicate more clearly with patients and colleagues.

Biography:

Dr. Zapata is a dentist in Ogden Utah, who's has been practicing microscope dentistry in his private dental practice since 2005. Dr. Zapata was a treasurer of AMED from 2011 to 2014, in 2014 he was a recipient of AMED's Outstanding Service Award. Dr. Zapata wrote articles about microphotography. He is a national and international speaker about Micro and Video photography and the benefit of the microscope in Oral Surgery and he is a current member of International Microscope Dental Club.



MULTIDISCIPLINARY DUAL TEAM PROGRAM - 3 Teams



TEAM 1 - Drs. Clark, Nordland & Wu



David Clark, DDS Twenty Full-Mouth Rejuvenations Utilizing Composite Injection Over-Molding

Course Description:

Until recently, indirect restorations were the only seriously considered modality for full mouth reconstruction. With the advancement of ultra-thin anatomic Mylar forms and injection molding of thermally liquified composite, it is possible to rejuvenate without the need to amputate.

Learning Objectives:

- The science behind the five pillars of the Bioclear Method
- Which cases are most appropriate for additive dentistry?
- The patient psychology of additive versus subtractive dentistry

Biography:

Dr. Clark is director of Bioclear Learning Centers International. He founded the Academy of Microscope Enhanced Dentistry, creates curriculum for dental schools, and has lectured in twenty-seven countries. He developed the Bioclear Matrix System for placement of biologically appropriate, esthetically pleasing direct composite restorations for facilitating Injection Molding of the Clark Class I and Class II preparations, diastema closure and black triangle elimination combined with papilla regeneration. The Clark Class I and Clark Class II preparations and injection molded restorations (non-retentive, compression based and infinity edge margins) have been confirmed in multiple studies. He owns several patents.

He and Dr. John Khademi are acknowledged as fathers of Minimally Invasive Endodontics, which at first was rejected by most North American endodontists but is now being embraced by the mainstream. He, Dr. Sheets, and Dr. Paquette penned the first classification system for dentin and enamel cracks based on sixteen power magnification. He has conducted studies on cracked teeth. He has designed numerous instruments, burs, wedges, matrices, separators, and equipment and has written chapters for both esthetic dentistry and endodontic textbooks. Dr. Clark is a 1986 graduate of the University of Washington School of Dentistry.



Peter Nordland, DMD, MS Periodontal Plastic Surgery

Course Description:

This course will show how periodontal plastic surgical procedures will benefit and be enhanced with a microsurgical approach. New techniques and microsurgical approaches will be discussed. Even surgical procedures, usually thought

to be impossible, will be shown.

Learning Objectives:

The attendee will learn how surgical healing results can be maximized with:

- Rapid healing
- Elimination of surgical incision lines
- Post-operative pain reduction

Biography:

Dr. Peter Nordland is one of the co-founders of the International Society of Periodontal Plastic Surgeons. For the past 30 years Dr. Nordland has organized and run this organization, personally inviting our prominent speakers and making all meeting arrangements. Dr. Nordland has been a prolific contributor to the oral plastic surgical literature in books, research articles and original publications. He has taught at almost every U.S. dental school and has provided continuing education nationally and internationally for many years on periodontal plastic surgery.



Jean C. Wu, DDS Collaborative Goal Setting for Improved Patient Outcomes

Course Description:

Exchanging ideas and working together at the beginning and throughout patient care utilizes the collective expertise to formulate a solution. A shared vision between providers from the diagnosis, sequencing and treatment execution allows for the best treatment outcome. Integrating new technologies such as intra-oral scanners, CBCT, and CAD/CAM can help improve communication, precision, efficiency and contribute to more predictable results.

Learning Objectives:

- What components are critical when working with other clinicians?
- How to sequence the treatment plan with other co-therapists?
- Effective follow-up for predictable patient outcomes.

Biography:

Dr. Jean Wu obtained her Bachelor of Dental Science from the University of Melbourne in 1990 and her Doctorate of Dental Surgery from the University of Tennessee in 2002. She has her Masters in Prosthodontics and also a certificate in Maxillofacial Prosthetics. She was a distinguished lecturer and clinical instructor at the University of Melbourne and past president of the Australian Prosthodontic Society. In 1999, Dr. Wu was awarded membership of Omicron Kappa Upsilon and Richard Doggett Dean and Margaret Taylor Dean Honorary Odontological Society for her outstanding dental achievements and was an instructor and lecturer in

the Restorative Dentistry Department at the University of Tennessee. Dr. Wu is a member of the American College of Maxillofacial Prosthetics, American College of Prosthodontists, American Association of Women Dentists, American Dental Association and the California Dental Association. Currently, Dr. Wu is Partner in the Sheets, Paquette and Wu Dental Practice, practicing as a Prosthodontist, specializing in the replacement of missing tooth structures with veneers, crowns, implants and dental prostheses. Dr. Wu is also the Educational Director of the Newport Coast Oral Facial Institute, a non-profit international teaching and research center where she instructs dentists from around the world on the use of the clinical microscope in dentistry.

TEAM 2 - Drs. Krivitsky & Razaghy



Alina Krivitsky, DDS, BS & Mehrdad Razaghy, DDS

Biologically Driven Esthetic Reconstruction: From Design to Delivery



Course Description:

In this joint lecture, Dr. Alina Krivitsky together with Dr. Mehrdad Razaghy, will highlight key steps involved in two adhesively driven esthetic reconstructions where functional and esthetic crown lengthening are indicated. In this lecture, they will cover the importance of involvement of periodontist, restorative dentist, and lab technicians in the design of the case and steps involved in data collection, communication with specialists, surgical techniques and consideration, restorative considerations, and bonded delivery of final restorations.

Learning Objectives:

- Treatment planning anterior esthetic reconstructions involving crown lengthening
- Dental Photography, digital smile design, and restorative workflow
- Surgical steps of esthetic and functional crown lengthening
- Advantages of biological shaping for esthetics and long term restorative maintenance

Alina Krivitsky's Biography:

Dr. Alina Krivitsky Aalam graduated with a BS in Dental Hygiene, DDS and a Certificate in Advanced Periodontics from the USC School of Dentistry. She is a Diplomate of the American Board of Periodontology and Diplomate of the American Board of Oral Implantology and Implant Dentistry. She is a Fellow of International College of Dentists and of American Academy of Esthetic Dentistry. Society of Periodontology and USC Research Committee awarded Dr. Krivitsky Aalam for her outstanding achievement and contribution to the field of Periodontics. Dr. Krivitsky Aalam is a Clinical Assistant Professor at the Herman Ostrow School of Dentistry of USC in the department of Advanced Periodontics and a lecturer for the Dental Hygiene program. She is on a committee for Friends of Dentistry and Peer Review. Dr. Krivitsky serves as an expert advisor for the "Surviving Beautifully" book, an online source dedicated to helping others with beauty issues during and after a cancer fight. Dr. Krivitsky maintains a private practice limited to Periodontics and Reconstructive Implant Dentistry in Brentwood, California and lectures nationally and internationally.

Mehrdad Razaghy's Biography:

After receiving his bachelor's degree, Dr. Razaghy spent a year focusing on his research in the field of neurosurgery and was part of six major publications at David Geffen School of Medicine of UCLA. His passion for creation and research carried through his path in dentistry and allowed him to become a key developer in various research projects. Mehrdad's journey in dental research began by joining Dr. Pascal Magne's research laboratory at Herman Ostrow School of Dentistry of USC. Since then, Mehrdad has been part of multiple projects, alongside visiting scholars, under the mentorship of Dr. Pascal Magne. His focus has been on biomimetic and minimally invasive restorative techniques and dental materials. He has been part of publications in the esteemed Journal of Dental Materials and International Journal of Esthetic Dentistry. He currently runs his private practice as a general and restorative dentist, alongside teaching at Beverly Hills Dental Laboratory. *Sponsored by: GC American and Beverly Hills Dental Laboratory.*

TEAM 3 - Drs. Sameni & Grauer



Abdi Sameni, DDS FACD & Dan Grauer DDS, MS, PhD

"Move It" OR "Remove It"



Course Description:

A small amount of tooth structure removal is often accepted as a necessary compromise when certain esthetic procedures are desired. This course will highlight how restorative dentists and orthodontists can collaborate together to achieve ideal esthetic and functional results while being "ultra" conservative in their procedures. The audience will learn how proper pre-restorative planning and precise orthodontic execution will allow the team to move the teeth into an optimized pre-restorative position avoiding unnecessary tooth removal which would weaken the patient's dentition. "Move" instead of "Remove" allows for easier and long-lasting beautiful restorations.

Learning Objectives:

- Learn to conservatively treatment plan and sequence treatment for predictable esthetic and functional results
- Learn how to combine different treatment modalities and products to achieve conservative yet outstanding esthetic and functional results
- Learn simple techniques to expand the use of direct composite restorations
- Learn how to benefit from pre-restorative orthodontic treatment to enhance your outcomes and preserve tooth structure
- Learn how to coordinate and sequence treatment among different specialties to synergistically improve the patient's experience and treatment outcomes

Abdi Sameni's Biography:

Dr. Abdi Sameni is a Clinical Associate Professor of Dentistry and a 1991 graduate of Herman Ostrow School of Dentistry at USC. He has been a member of the USC clinical faculty since 1998. He is a former faculty for the "esthetic selective" which emphasizes a "biomimetic approach" to restorative and esthetic care. He was the original director of the USC Advanced Esthetic Dentistry Continuum for the portion relating to indirect porcelain veneers. He is the former chairman and developer of the "USC International Restorative Dentistry Symposium" for the Ostrow School of Dentistry at USC. In 2019 He founded the Los Angeles Dental Symposium. Dr. Sameni lectures nationally and internationally on topics related to interdisciplinary dentistry, digital photography and its applications for dentistry, and various aspects of biomimetic and esthetic dentistry. Dr. Sameni is Past-President of the USC Dental Alumni Association, past-president of the USC Century Club, Former member if the Board of Directors of the Pan Pacific Center for Continuing Oral Health Professional Education of USC CE and a member of the Board of Counselors for the USC School of Dentistry. Dr. Sameni is a member of numerous professional organizations and societies, which include The American College of Dentists, The American Academy of Esthetic Dentistry, OKU National Dental Honor Society and the Pierre Fauchard Academy. He maintains a private practice in West Los Angeles, California

Dan Grauer's Biography:

Dan Grauer, DDS, PhD maintains a practice limited to orthodontics in Santa Monica, CA focused in computer-guided orthodontic treatment for teenagers and adults. He is a diplomate by the American Board of Orthodontics, a member of the American Association of Orthodontists Committee on Technology, and an Editor for the American Journal of Orthodontics and Dentofacial Orthopedics. Dr. Grauer was trained in dentistry and orthodontics both in Europe and in the US, and he holds a PhD in Oral Biology by the University of North Carolina.



Mamaly A. Reshad, DDS, MSC CAD CAM Technology & Full Arch Implant Prosthesis

Course Description:

CAD CAM technology in implant dentistry has grown exponentially in recent years. There is now an inexhaustible supply of frameworks, designs, and materials. Currently there are no real guidelines as to the appropriate selection and design of frameworks.

Learning Objectives:

This presentation will provide a decision tree and a new classification system for CAD CAM framework selection. Guidelines will be provided that may be useful in deciding which type of framework is suitable for most situations. In addition, recommendations for suitable matching of framework to restorative material will be discussed. The ultimate aim being esthetics, form, function, and longevity to approach that of traditional metal ceramic implant supported prosthesis.

Biography:

Dr. Mamaly Reshad is a Prosthodontist and the former Section Chair for Fixed Prosthodontics and Operative Dentistry at the University of Southern California (USC). He qualified as a dentist in 1993 from Kings College, London University. He completed his Master's in Conservative Dentistry with Distinction at the Eastman Dental Institute. He obtained his training in advanced Prosthodontics at USC. He has published in numerous peer-reviewed journals and textbooks on various topics related to Prosthodontics, Aesthetics, and Implant Dentistry. Dr. Reshad has served on the editorial board on various journals including the journal of Aesthetic and Restorative Dentistry. He is an honorary clinical teacher at the Eastman Dental Institute, London University. He maintains private Prosthodontic office in Brentwood, Los Angeles.

WESTERN REGION DENTAL HYGIENE SYMPOSIUM FEATURED SPEAKERS



Anna M. Pattison, RDH, MS

Advanced Periodontal Instrumentation Essentials

Course Description:

The Covid-19 pandemic has profoundly affected dental and dental hygiene practice. Many practitioners are renewing their focus and

reliance on hand instrumentation. This course emphasizes best practices to work on moderate to advanced periodontitis patients with essential hand instruments. Recommendations for ideal cassette and instrument selection along with ideas to reinvigorate your hand instrumentation techniques will be discussed. Learn how alternative positions and fulcrums can help you to avoid fatigue and improve effectiveness.

Learning Objectives:

- Identify and select best hand instruments for maintenance and initial therapy.
- Describe best evaluation techniques before and after scaling.
- Describe best hand instrumentation techniques for effective ergonomic scaling.

Biography:

Anna Matsuihi Pattison RDH, MS, is a former Associate Professor and Chair of Dental Hygiene at the Ostrow School of Dentistry at USC. She is coauthor of *Periodontal Instrumentation* and has contributed to Carranza's *Clinical Periodontology*. She was Editor-in-Chief of *Dimensions of Dental Hygiene* and is now Co-Director of the Pattison Institute which offers online videos, lectures and hands on workshops. An internationally recognized speaker on *Advanced Periodontal Instrumentation*, in 2005, she received the Pfizer-ADHA Excellence in Dental Hygiene Award and the USC School of Dentistry Alumnus of the Year Award. In 2006 she received the California Society of Periodontists Award and in 2010 she was inducted into the USC School of Dentistry Hall of Fame.



Susan S. Wingrove BS, RDH

Disrupt, Debride, Detoxify: Implant Maintenance, Home-Care, and Disease Treatment

Course Description:

To prevent peri-implant complications, professional in-office assessment, maintenance, and home-care recommendations are vital. For long-term implant success clinicians need to detect early signs of implant complications, diagnose any complications to provide early intervention and be able to provide peri-implant treatments. This course will follow the global healthy implant initiative for ceramic and titanium implants based on Susan's *Clinical White Paper: Long-term prevention of peri-implant complications* and textbook: *Peri-Implant Therapy for the Dental Hygienist: First & Second Editions*.

Learning Objectives:

- Learn the current research protocols, tools, and treatments for long-term prevention of peri-implant complications.
- Detect: Put into practice biofilm identification, five-step protocol to assess & monitor dental implants.
- Diagnose: Understand early intervention guidelines based on American Academy of Periodontology (AAP) peri-implant soft and hard deficiencies.
- Treatment: Biofilm-focused titanium and ceramic implant maintenance for all forms of implant-borne restorations / prostheses and early complication treatments.

Biography:

Susan Wingrove BS, RDH. Dynamic innovator, international speaker, researcher, writer, consultant, and RDH Award of Distinction Recipient. Instrument designer of the Wingrove Titanium Implant Series, ACE probes, and Queen of Hearts instruments for PDT. Susan specializes in sorting through the science to develop protocols for healthy teeth, implants, and disease treatment. She does medical research on regenerative wound healing and dental research on biofilm-focused care for long-term disease prevention. Published author ACP Clinical Practice Guidelines Scientific Panel, Dynamics Concepts' Blog, Doctor Clinical Implant Maintenance White Papers, American and International journals on peri-implant therapy, regeneration, and advanced instrumentation. Textbook: *Peri-Implant Therapy for the Dental Hygienist: First and Second Editions*, Wiley Oxford England. Resides in Missoula, Montana USA to enjoy fly fishing, hiking, and snowshoeing. *Sponsors: Ivoclar, Mectron, P & G, & Sunstar*



Sherri M. Lukes, RDH, MS, FAADH

The Sky Isn't Falling! The Profile of HPV Oral Lesions

Course Description:

The mere mention of HPV can strike fear in the hearts of dental clients. Oral lesions associated with human papilloma virus infection

are of great significance to the dental community and their diagnosis prompts many questions and concerns from patients. Responsible for a variety of lesions in the oral cavity, it behooves the dental community to be knowledgeable about those of both low- and high-risk HPV subtypes. This course will present the various oral manifestations of HPV including squamous papilloma, focal epithelial hyperplasia (Heck's disease), condyloma acuminatum, verruca vulgaris and HPV induced oropharyngeal cancer. Many images presented are from the presenter's personal collection of lesion images accumulated over a 39-year dental career. Clinical appearance and treatment options will be included for each lesion, with a

discussion concerning lesions to include in the differential diagnoses. Engaging patients in dialogue about HPV lesions, especially concerning the link with oropharyngeal cancer will also be discussed.

Learning Objectives:

- List the HPV subtypes associated with various HPV oral lesions.
- Describe the clinical appearance of various HPV oral lesions.
- Discuss treatment options for HPV oral lesions.
- List oral lesions included in a differential diagnosis for HPV oral lesions.
- Discuss HPV's role in oropharyngeal cancer.
- Describe strategies for communicating information about HPV lesions to patients

Biography:

Sherri Lukes has been a dental hygienist for 37 years and holds advanced degrees in education. She is associate professor emerita, Southern Illinois University Dental Hygiene Program, where she taught oral pathology, public health, multicultural dental hygiene and advanced periodontics clinic. Her research concentration was in oral pathology, migrant farm worker oral health, and challenges of other underserved groups, resulting in multiple peer reviewed publications. A Pathology Fellow and approved speaker of the American Academy of Dental Hygiene, Sherri enjoys integrating her expertise from years of teaching and research into CE courses to empower dental professionals in the delivery of care. Ms. Lukes is a Past President of the Illinois Dental Hygienists' Association and a member of the American Academy of Oral Medicine. Community service includes biannual mission trips to central Mexico, where accompanied by SIU dental hygiene students, she provides oral health care in an orphanage and remote villages. She received Community Service, Teacher of the Year, and Research Paper of the Year awards while at SIU, was named an Oral Health Champion by the IFLOSS Coalition and the Illinois Department of Public Health and is a past recipient of the Sunstar/RDH Award of Distinction.



Claire Jeong, MS, RDH

Periodontal Disease and Dementia/ Alzheimer's Disease. The Truth About Their Relationships

Course Description:

5 million people in the United States are affected by dementia and this number is rising every year. While the science behind this mental condition is still developing, many articles suggest a link between dementia and periodontal disease. But how are the two diseases related? You may have seen punchlines such as "Take care of your oral health and prevent dementia." Or "chronic periodontitis leads to brain inflammation, fewer brain cells, and more amyloid-beta (plaque found in tissues in patients with Alzheimer's disease)". Those simplified interpretations are dangerous! We know about the oral-systemic link and studies found associations between periodontitis and dementia. The two topics are being studied, and the advancement in science now gives a lot more information than we knew 10 years ago. In this course, we will take an evidence-based approach to understand how Periodontal disease and dementia/Alzheimer's disease are related.

Learning Objectives:

- In our course, we will use many articles, from clinical trials to dental professional reviews to provide you with the most scientific findings that may impact the dental professional.
- We will discover the suggested mechanisms that potentially explain the association between the two diseases, including periodontal pathogens, inflammatory mediators, vascular changes, etc.
- In the end, we will summarize the findings and create a list for takeaways the dental professionals can take to the practice and implement immediately.

Biography:

Claire is an entrepreneur, author, educator, and international speaker. She is the founder of StudentRDH / SmarterDA – Dental hygiene and assisting exam prep solutions. Through her live and online courses, Claire helped tens of thousands of people gain valuable dental knowledge and clinical skills. With her expert knowledge in education, she created *WakeUp Memory™*, which teaches how to use the brain and remember anything. She combines the *WakeUp Memory™* in her courses and teaches educators to apply this method in their own classrooms. To her audience's testimony: "Learning is now addictive." Many of Claire's articles, such as the New Hypertension Guidelines and 8 Steps to Chart Oral Lesions are ranked as one of the top articles in RDH Magazine and DentistryIQ. She is regularly invited to podcasts and conferences such as RDH Under One Roof as a key opinion leader.



Kathy Bassett, BSDH, RDH, MEd, QOM

LECTURE: Complementary and Alternative Local Anesthesia Part-1

Course Description:

To deliver optimal dentistry in a gentle, pain-free manner the value of alternative treatment strategies must be considered from all perspectives. Expand your pain management perspective beyond basic manual techniques. Computer-controlled local anesthetic delivery (CCLAD) devices & techniques can enhance both clinician and patient comfort. This course and workshop merges clinical experience with current technology to achieve positive pain control outcomes. Focus will be on CCLAD alternatives to common manual injection syringes and techniques, while leveraging anatomical advantages of "short needle IA", "high IA block", and "retromandibular" deliver techniques.

Learning Objectives:

- Understand current CCLAD devices available in North America
 - Consider potential ergonomic risks associated with manual syringes and how CCLAD techniques can minimize these.
 - Translate common manual techniques to CCLAD injections.
- Focus 2022: CCLAD Devices & Techniques Lecture* (1.5 hrs) *Participants must attend Part-1 (pre-lecture) to participate in the Hands-on-Workshop (Part-2).*

Biography:

Kathy Bassett, BSDH, RDH, MEd, QOM shares unique insights for successful local anesthesia, to benefit both patients and clinicians, gleaned over 40+ years of experience as an expanded functions dental hygienist in general and specialty dental environments, and 30+ years as professor of dental hygiene at Pierce College, and affiliate professor at University of Washington, School of Dentistry. She is a co-author of the textbook *Local Anesthesia for Dental Professionals*, has extensive experience with computer-controlled local anesthetic delivery (CCLAD) devices & techniques, and has presented hundreds of CE courses locally, nationally, and internationally. *Sponsored by Milestone.*



Tricia Osuna, RDH, BSDH, FAADH **INFECTION PREVENTION – CLOSE TO PERFECTION What's Required for Regulation Compliance**

Course Description:

This course, which can be specifically tailored to a state or province, will provide current information and guidelines for safe treatment of patients and protection of dental professionals. Infection Control recommendations and guidelines from OSAP, IPAC, CDC and various state as well as provincial resources will be presented and discussed. Infection control review with the office team aids in follow through in the office on a day-to-day basis as well as development of office systems. Each participant will leave with a wealth of references to utilize in the establishment of office protocols. Let's talk about what the recommendations / guidelines advise should be done then evaluate what we are currently doing!

Learning Objectives:

- Recognize the specific requirements and how they can be incorporated into every day practice
- Differentiate the guidelines for various sterilization process; hand washing and patient protection
- Demonstrate effective cleaning and disinfectant techniques in the operatory
- Distinguish what changes are necessary in your office setting

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.

NOTE: 2-hour course / CE credit approved provider by Dental Board of CA for Mandatory Course. Sponsored by: Kerr Dental.

Tricia Osuna, RDH, BSDH, 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 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

Sponsored by VOCC.

WESTERN REGION DENTAL HYGIENE SYMPOSIUM FEATURED SPEAKERS



Heather Rogers, BSDH 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, infection control, COPD, marijuana and vaping.



Arvie Malik, BSDH, RDH, RDHAP Interdisciplinary Treatment – What's The Role of The Dental Hygienist?

Course Description:

This presentation will allow the clinician a better understanding of how the hygienist's role plays an integral part of getting the patient ready to accept treatment, as they are simultaneously getting the patients foundational oral health improved. A patient treatment will be highlighted that illustrates a system currently used in a Prosthodontic office in Newport Beach, California.

Learning Objectives:

- Capitalizing on the tools to educate the patient in understanding their current oral health status
- Navigating the flow from the new patient examination through the end of the treatment phase
- Managing the maintenance phase

Biography:

Arvie Malik, has over 37 years of clinical experience in both Periodontal and Prosthodontic practices in California and Texas. She practices full-time in a private Prosthodontic practice in Newport Beach, California. In addition to her role as a periodontal therapist, she is the Director of Oral Health and the Managing Director for the practice. Along with these roles, she educates patients on various aspects of multidisciplinary care and full mouth rehabilitative treatments and maintenance care. In conjunction with private practice, she is an Adjunct Professor at West Los Angeles College Dental Hygiene Program for the past 30 years, and the Course Director at the Newport Coast Oral Facial Institute since 2000.



Lynn Atkinson, RDH LET'S GET LASER FOCUSED! Diode Lasers in the Hygiene Practice

Course Description:

The Diode Laser has become the most utilized laser in dentistry today especially in the hygiene department. Diode lasers are soft-tissue lasers that have many advantages over traditional surgical and therapeutic techniques including less pain, faster healing, preciseness, and bacterial reduction. Some of the most used diode laser procedures in the hygiene department are Laser Bacterial Reduction (LBR), Laser Assisted Periodontal Therapy (LAPT), Hemostasis, and the treatment of oral lesions (aphthous ulcers, herpetic lesions, denture sores, etc). This course will introduce common diode laser procedures, techniques used in the hygiene department, and how to incorporate lasers into your practice.

Learning Objectives

- Identify the laser procedures and benefits most used in the hygiene department
- Understand the laser device, settings, and capabilities
- Describe tips and techniques to achieve the best results with your patients
- Discuss strategies for communicating and educating patients about lasers

Biography:

Lynn Atkinson has been a Registered Dental Hygienist for 32 years. She graduated from Cypress College, California with a degree in Dental Hygiene and was fortunate enough to be a part of several dental teams that incorporated state of the art technology. Since obtaining the Associate Fellowship Certification through the World Clinical Laser Institute (WCLI) in 1996, Lynn has been actively applying the use of dental lasers in hygiene daily. Lynn went on to achieve the Standard Proficiency Certification through the Academy of Laser Dentistry (ALD) in 2013 and the Advanced Proficiency Certification Parts I and II in 2019. Lynn is currently practicing four days a week and is training doctors, hygienists, and team members on the use of lasers along with strategies to incorporate dental lasers into their protocol. Lynn is an active member of the Academy of Laser Dentistry, the American Dental Hygiene Association, the California Dental Hygiene Association, the Orange County Dental Hygiene Association, The Western Society of Periodontology, and is a Hygiene Faculty member, and Speaker for Biolase. Lynn serves on the Board of Directors at the Academy of Laser Dentistry as Auxiliary Chair, a member of the ALD Speakers Bureau, and is involved in the testing committee. *Sponsored by Biolase.*

HANDS-ON WORKSHOPS



Heather Rogers, BSDH Talk to Me! A Behavior Style Workshop

Course Description:

This hilarious two-hour workshop investigates four basic behaviors that people exhibit consistently throughout their day. Through an interactive workshop, people will discover the four behaviors and learn how to build excellent working relationships with colleagues and clients. I highly recommend all of the office coming along to have a great time and learn a little about themselves and others.

Learning Objectives:

- Identify YOUR own personal behavioral style within the first hour of instruction.
- Discuss ways to determine patient's behavior styles
- Learn the verbal skills for the entire team to speak more effectively with patients regarding their comfort level based on their communication style.
- Discover how learning your own personal communication style can benefit you to interact more effectively with their family and friends.



Kathy Bassett, BSDH, RDH, MEd, QOM HANDS-ON WORKSHOP: Complementary and Alternative Local Anesthesia Part-2

Course Description:

Presented as Part-2 to the lecture session "Complementary and Alternative Local Anesthesia Part-1", in this multi-station, hands-on practicum will provide participants opportunities to explore ergonomic and technique differences between manual syringes and CCLAD delivery devices. Experiential learning will be facilitated with the use of simulators, participants will be able to animate technique and ergonomic principles hands-on. Mentors will address: 3 CCLADs currently available in North America.

Learning Objectives:

- Contrast manual vs CCLAD devices
- Experience ergonomic differences between manual syringes and CCLAD devices
- Contrast manual vs CCLAD techniques to improve clinician ergonomics and patient comfort
- Experience technique differences between manual syringes and CCLAD devices
- Update basic injection techniques using simulation tools

FOCUS 2022: CCLAD Devices & Techniques Hands-on-Workshop* 1 hr. Limit 2- per session (2 sessions- repeat) *This course has a pre-requisite - participants must attend Part-1 (pre-lecture) to participate in the Hands-on-Workshop (Part-2).

Sponsored by Milestone.



Anna M. Pattison, RDH, MS HANDS-ON: Part II - Advanced Periodontal Instrumentation Hands-On Workshop on Periodontal Typodonts* (Live In-person Course)

Course Description:

This full-day laboratory course for dentists and dental hygienists is designed to enhance your periodontal instrumentation skills, enabling you to treat patients with greater confidence. This intensive hands-on experience features continuous TV demonstration and videos by Anna Pattison plus a team of experienced instructors attentive to individualized instruction throughout the day. Advanced instrumentation techniques are taught on periodontal typodonts using sickles, universal curets, Rigid Gracey curets, After-Fives, Mini-Fives, Micro-Minis, Gracey Curvettes, Pattison Gracey Lite curets, Diamond curets and furcation curets. Extraoral, reinforced, cross-arch and opposite-arch fulcrums are incorporated into innovative approaches for furcations, line angles and deep, narrow pockets. Sharpening with the aid of a videotape, root planing exercises and root morphology review utilizing extracted teeth are also included.

Learning Objectives:

- Describe the characteristics of a proper fit for gloves
- Demonstrate close overlapping strokes on an extracted tooth with a Gracey curet
- Recognize the design, indications and sequence for use of universal curets, Gracey curets, mini-bladed and Micro-mini-bladed Gracey curets, Pattison Gracey Lite curets, sickle scalers, files, furcation curets and diamond coated instruments
- Demonstrate the use of universal curets, Gracey curets, mini-bladed and Micro-mini-bladed Gracey curets, Pattison Gracey Lite curets, sickle scalers, files, furcation curets and diamond coated instruments on a periodontal typodont
- Demonstrate techniques for scaling maxillary and mandibular furcations
- Demonstrate intraoral, finger-on-finger, extraoral, opposite arch and reinforced fulcrums

PLEASE NOTE: ALL attendees must have completed her Advanced Instrumentation Lecture course. You can have completed this in the past or you must register for this and complete it virtually prior to taking the hands on course. Attending her lecture at the annual session does not meet the pre-requisite.



Lynn Atkinson, RDH HANDS-ON WORKSHOP: Diode Lasers Used in the Hygiene Practice

Course Description:

The Diode laser has become the most utilized laser in dentistry today especially in the hygiene department. This course will give you hands on techniques used in the hygiene practice. Mechanisms, safety, tips, and protocols will be reviewed, and attendees will have an opportunity to demonstrate the use of the lasers for Laser Bacterial Reduction, Laser Assisted Periodontal Therapy, Hemostasis, and Aphthous Ulcers/Herpetic lesions on porcine jaw.

Learning Objectives:

- Operate the laser device understanding basic biologic interactions
- Demonstrate competency in using the laser with hygiene procedures
- Understand the difference in the procedures of Laser Bacterial Reduction and Laser Assisted Periodontal Therapy
- Utilize and understand the laser safety protocols
- Understand the laser device, tips, and settings

NOTE: This is not a laser certification course. Sponsored by Biolase.



The Western Society of Periodontology 70th Annual Scientific Session,
The Academy of Microscope Enhanced Dentistry 21st Annual Meeting
& Western Region Dental Hygiene Symposium



2022 JOINT ANNUAL SESSION



MARRIOTT MARQUIS SAN DIEGO MARINA

333 W. Harbor Dr., San Diego, CA 92101

Our waterfront hotel overlooks our private marina and is near numerous attractions, including Seaport Village, San Diego Convention Center, the Gaslamp Quarter, Petco Park and Balboa Park. Every hotel room and suite has impressive views of the city or San Diego Bay. Recharge on indulgent bedding and take advantage of the relaxed reading chairs, flat-screen TVs, desks and Wi-Fi; many rooms have private balconies. Pamper yourself at our hotel's day spa, work out in our 24-hour gym or take a dip in our outdoor pools. Indulge with creative American, Mexican and Asian-fusion fare at our award-winning restaurants.

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The Western Society of Periodontology 70th Annual Scientific Session,
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& Western Region Dental Hygiene Symposium



2022

JOINT ANNUAL SESSION "Interdisciplinary Care and Collaboration"

SEPTEMBER 15-18, 2022 • SAN DIEGO, CA

Personal Information

Full Name: _____ Dentist RDH RDA
 Address: _____ Suite#: _____
 City: _____ State: _____ Zip: _____
 Daytime Phone: _____ Cell Phone: _____
 Email Address: _____

2021 ANNUAL MEETING REGISTRATION FEES

	By June 30th, 2022		After July 1st, 2022	
	3 day	2 day	3 day	2 day
Member Dentists	<input type="checkbox"/> \$795	<input type="checkbox"/> \$695	<input type="checkbox"/> \$845	<input type="checkbox"/> \$725
Non-Member Dentists	<input type="checkbox"/> \$895	<input type="checkbox"/> \$795	<input type="checkbox"/> \$945	<input type="checkbox"/> \$845
Member Hygienists/Staff (CDHA Members get member pricing also)	<input type="checkbox"/> \$299	<input type="checkbox"/> \$249	<input type="checkbox"/> \$329	<input type="checkbox"/> \$299
Non-Member Hygienists/Staff	<input type="checkbox"/> \$399	<input type="checkbox"/> \$295	<input type="checkbox"/> \$439	<input type="checkbox"/> \$369
Member Faculty, Full-time Military & Retired Dentists	<input type="checkbox"/> \$495	<input type="checkbox"/> \$395	<input type="checkbox"/> \$535	<input type="checkbox"/> \$495
Non-Member Faculty, Full-time Military & Retired Dentists	<input type="checkbox"/> \$595	<input type="checkbox"/> \$495	<input type="checkbox"/> \$625	<input type="checkbox"/> \$525
Students & Residents	<input type="checkbox"/> \$245	<input type="checkbox"/> \$195	<input type="checkbox"/> \$265	<input type="checkbox"/> \$215
Hands-On Courses - Member Dentists	<input type="checkbox"/> \$395		<input type="checkbox"/> \$425	
Hands-On Courses - Non-Member Dentists	<input type="checkbox"/> \$475		<input type="checkbox"/> \$495	
Hands-On Courses - Hygienists	<input type="checkbox"/> \$195		<input type="checkbox"/> \$225	
Call for Single Day Pricing	Total Amount Due: _____			

Registration fees include: All General Session lectures, Light Breakfast and Lunch each day, two breaks each day and Ticket to the Foundation Reception on Saturday night.
 Course Registration Cancellations: The fee, less a \$35 per person processing charge, will be refunded if cancellation is made by 7/4/22. Cancellations made between 7/4/2022 - 8/3/2022 will be charged \$100 cancellation fee. No refund will be made for cancellations after 8/15/2022. Please register online at wsprio.org.

NEW COLLABORATIVE REGISTRATION OPTIONS

BRING A COLLEAGUE - The goal of the WSP, from its inception, has been to build a meeting that appeals to the team. In that light we have created entirely new registration options unlike any other dental meeting in America. You may still register on your own, however, now if you want to bring your hygienist(s) or referring General Dentists we are offering a package price that is a substantial discount. Below are your member pricing options.

2021 ANNUAL PACKAGE REGISTRATION FEES*

I am a Member Periodontist and I want to bring:

	Special Rate:	3 day	2 day
_____ Hygienists		<input type="checkbox"/> \$249	<input type="checkbox"/> \$199
_____ General Dentists		<input type="checkbox"/> \$399	<input type="checkbox"/> \$299

Payment Information

Full Name: _____ Signature: _____
 Credit Card #: _____ Exp. Date: _____ CW#: _____
 Billing Address: _____ City: _____ State: _____ Zip: _____
 Enclosed is a check for the amount of (or process our payment in the amount of) \$ _____

Complete and mail to: 15428 N. Nebraska Ave., Lutz, FL 33549 or fax to 813.422.7966

SALVIN[®] OSS[®] Collagen

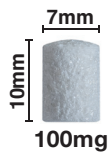


Xenograft Bone PLUS Bovine Collagen In A Plug

- 90% SalvinOss[®] Xenograft Bone Graft Material PLUS 10% Bovine Collagen
- For Socket Preservation, Sinus Lifts, And Periodontal / Furcation Defects
- Plug Shape Helps Make Socket Preservation Fast & Simple
- Retains Shape After Hydrating

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Ideal For:

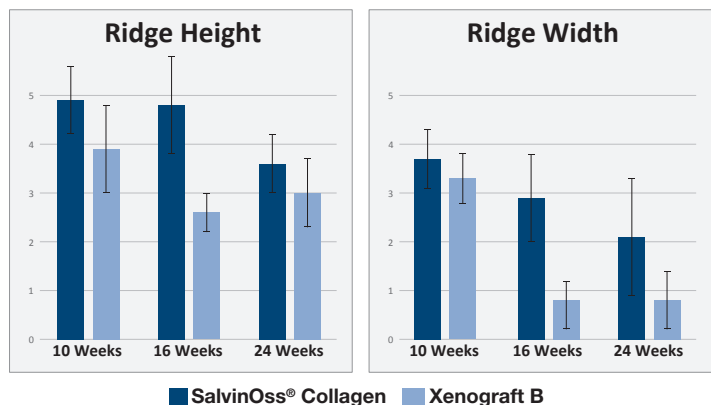
- Anterior Socket Grafting
- Periodontal Defects
- Osseous Defects Caused By Peri-Implantitis



Ideal For:

- Posterior Socket Grafting
- Ridge Augmentation
- Sinus Lifts

Plugs Shown Actual Size



SalvinOss[®] Collagen Demonstrated Greater Ridge Height & Width Compared To Xenograft B Throughout Our 24-Week Study (Data On File)

Case Study - Socket Preservation Using SalvinOss[®] Collagen

Case & Photos: Dr. Tyler Borg



Plug Shape For Easy Socket Preservation And Crestal Sinus Lift



"SalvinOss[®] Collagen has become a staple of my practice for regeneration as well as augmentation. The ease of handling coupled with the volumetric stability produces predictability in grafting situations around both teeth and implants alike."

—Dr. Tyler Borg

Periodontist, Northglenn, CO

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