

Western Society of Periodontology 72nd Annual Scientific Session Western Dental Hygiene Symposium Academy Of Microscope Enhanced Dentistry 23rd Annual Meeting



The Leaders in Collaborative Care

"Mile High Mastery with WSP and AMED"

DENVER Colorado AUGUST 15-18, 2024 Grand Hyatt Denver

3 DAYS OF WORLD CLASS DENTAL PROFESSIONAL SPEAKERS

WSP & AMED SPEAKERS

Michael A. Pikos, DDS, OMS, Edward P. Allen, DDS, PhD Daniel Buser, DDS, Dr. med. dent., Prof. h.c., Sen. h.c. Hussein Basma, DDS, MS Debora Dias, DDS, MSC Randy K. Shoup, DDS Thomas J. Kepic, DDS, MSD Curry Leavitt, DMD, MS Purnima Kumar, DDS, PhD George Mandelaris, DDS, MS, FACD, FICD Brian Vence, DDS Kevin G. Murphy, DDS, MS Steven M. Sullivan, DDS, FACS, FACD Rachel Schallhorn, DDS, MS Bor Jian Chen, DDS Kia Karimi, DDS Shepard DeLong, DMD Mark Anthony Limosani, DMD Arnoud Noot, DDS Glenn van As, BSc, DMD Andrei Berdichewsky, DDS Kiyonobu Saburi, DDS, Ph.D.

RDH SPEAKERS Susan S. Wingrove BS, RDH Tricia Osuna, BSDH, RDH, FAADH Lynn Atkinson, RDH Cindy Purdy, RDH, BS, CEAS Melissa Calhoun, MSDH, RDH Nicole Fortune, RDH Anne O. Rice, RDH Tom Baker, DDS **WORKSHOPS**

Thursday, August 15 • 6-9 pm AMED CHALLENGE Randy Shoup, DDS Juan Carlos Ortiz Hugues, DDS, CEAS, AEP

William Linger, DDS, MAGD, MAMED Ozzie Mayoral, DDS

Saturday & Sunday, August 17-18 HANDS-ON WORKSHOPS Juan Carlos Ortiz Hugues, DDS, CEAS, AEP Thomas G. Wiedemann, MD, PhD, DDS

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Western Society of Periodontology 72nd Annual Scientific Session Western Dental Hygiene Symposium Academy Of Microscope Enhanced Dentistry 23rd Annual Meeting



The Leaders in Collaborative Care

"Mile High Mastery with WSP and AMED"



Welcome to the 72nd Annual Meeting of the Western Society of Periodontology (WSP), the 23rd Annual Meeting of the Academy of Microscope Enhanced Dentistry (AMED), and the 5th Annual Western Dental Hygiene Symposium (WDHS). The dates to mark on your calendar are August 16-18, 2024 in Denver, Colorado.

The theme of this year's meeting is "MILE HIGH MASTERY WITH WSP AND AMED"

The 2024 Annual Session has chosen the amazing Grand Hyatt Denver. 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 leaders in dentistry. This year's speakers include Drs. Mike Pikos, Pat Allen, Daniel Buser, Randy Shoup, Tom Kepic, George Mandelaris, Kevin Murphy, Purnima Kumar, Brian Vence, Hussein Basma, Debora Dias, Curry Leavitt, Rachel Schallhorn, Steve Sullivan, and William Linger, Juan Carlos Ortiz Hughes, Graham Forbes, Kia Karimi, Arnold Noot, Shepard DeLong, Andrei Berdichewsky, Mark Anthony Limosani, Sam Low and so many other giants in the field of dentistry.

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.

We will continue with our popular new "Collaborative Saturday." This was launched in 2022 and proved to be one of the most innovative features of the WSP/AMED meetings. We offer one General Session 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.

We will also host the Western Dental Hygiene Symposium offering dental hygienists three days of unparalleled dental education. This year's presenters include some of the best Hygiene has to offer....Susan Wingrove, Lynn Atkinson, Cindy Purdy, Tricia Osuna, Nicole Fortune, Tom Baker, Melissa Calhoun, and Anne O. Rice.

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 WDHS are excited to collaborate to create this one-of-a-kind learning experience in one of the most desirable hotels in Colorado, The Grand Hyatt Denver.

Meeting Chairs,





Christopher A. Laing DDS (AMED)



BS, RDH

(WDHS)

Lynn Atkinson RDH (WDHS)





WHAT IS INCLUDED IN YOUR REGISTRATION? ALL ATTENDEES RECEIVE:

- Attendance at Any and ALL General Sessions of their choosing
- Light Breakfast and Lunch
- Friday Exhibitor Reception
- Saturday Evening Awards Event



DDS, MS

(WSP)

Continuing Education ® Recognition Program 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 20 continuina education credits.



Academy of Microscope Enhanced Dentistry Approved PACE Program Provider for FAGD/MAGD credit. Approval does not imply acceptance by any regulatory authority or AGD endorsement. 01/01/2022 to 12/31/2024. Provider ID# 309805

For information on this or other seminars contact: tgoldman@wsperio.org 813.444.1011 • www.wsperio.org • www.microscopedentistry.com

WSP & AMED SPEAKERS



Michael A. Pikos, DDS, OMS The Severely Atrophic Maxilla 2024: Full Arch Immediate Implant Reconstruction Strategies

Course Description: This presentation will focus on foundational principles for treatment of the severely atro-phic maxilla for full arch immediate implant reconstruction. It will include zygomatic and pterygoid implant protocols and will feature both a surgical and restorative digital workflow. Learning Objectives:

- Understand the importance of a prophylactic approach to full arch immediate implant reconstruction of the severely atrophic maxilla
- · Understand the application of zygomatic and pterygoid implant protocols for treatment of the severely atrophic maxilla Understand the surgical and restorative digital workflow for full arch immediate implant
- reconstruction of the severely atrophic maxilla (Sponsor: BioHorizons)



Edward P. Allen, DDS, PhD Current Use of the Tunnel Technique: 25 Years of Experience

Course Description:

This lecture will outline the development of soft tissue grafting leading to the current Tunnel Technique. Palatal donor tissue and vertical incisions are no longer necessary for root coverage grafting, resulting in not only a better postoperative course, but also greater root coverage and better esthetics. Use of the Tunnel Technique in mandibular sites including sites with deep recession, shallow recession aberrant frenal attachment and shallow vestibule will be shown. Outcome parameters of gain of keratinized tissue and long-term outcome will be addressed, illustrated with case examples, and documented with current literature references

- Learning Objectives: Describe the evolution of soft tissue grafting techniques Describe the modifications of tunnel technique in mandibular anterior sites with

complications including aberrant frenal attachment, deep recession, shallow recession and shallow vestibule Explain the lack of significance of keratinized tissue gain in bilaminar techniques

Daniel Buser, DDS, Dr. med. dent., Prof. h.c., Sen. h.c. Hybrid Design Implants: The Future In Implant Dentistry **Course Description:**

The term Hybrid Design (HD) was first used by Dennis Tarnow in 1993. The term stands for an implant with a micro-rough implant surface in the endosseous portion to promote faster and better osseointegration of the implant during healing and during func-tion and a smooth, machined surface in the neck/collar region for the transcrestal area with contact to the peri-implant sulcus. The most prominent HD implant is the iconic Tissue Level (TIL) Implant by Straumann, which was first inserted in patients in 1986 at the University of Bern (Buser et al. 1988). Clinical long-term studies with TL implants have clearly documented the least risk for the development of peri-implant mucositis and peri-implantitis (Derks et al. 2016a; Derks et al. 2016b) when compared with implants with a micro-rough surface, all the way up to the implant neck. The long-term documentation at the University of Bern confirmed the low risk of roughly 3% for developing peri-implantitis with TL implants in a large 10-year study with 500+TL implants (Buser et al. 2012). A most recent study by Windael et al. (2021) with 1478 non-HD implants and a 10-year observation period confirmed this again. Implants with an early bone loss (EBL) ≥ 0.5 mm during the first year of function showed a 5x times higher odds ratio for future peri-implantitis development. EBL of > 0.5 mm showca as thirds night outstatut on nuture peri-implantitis development. But of 200 min means an exposure of the micro-rough surface to the peri-implant sulcus. This lecture will present all relevant aspects of HD implants and what surgical factors are essential to achieve successful outcomes with good long-term stability. In addition, the latest development of the Straumann implant will be presented, the TLX and TLC implants both with a Hybrid Design. It represents the 4th Generation of Straumann implants.

Learning Objectives:

- Understand the concept of Hybrid Design Implants- Understand why HD implants have a
- reduced risk for the development of peri-implantitis over time Learn about the surgical key factors for successful outcomes with HD implants with good long-term stability

Learn about the TLX and TLC implants, their indications, and clinical application. Hussein Basma, DDS, MS

Implant Esthetic Nightmares: How to Manage Peri-Implant Complications?

Course Description:

Course Description: Dental implants, while generally reliable, can encounter complications that warrant comprehensive understanding and management. This lecture focuses on addressing Peri-implant soft tissue deficiencies (PSTD), emphasizing the recent advancements in classification systems for this matter and delving into a decision tree approach. Participants will also gain insights into strategically managing diverse implant complications, enpow-ering them to make informed clinical decisions. Furthermore, the lecture underscores the critical role of both soft and hard tissues in the context of PSTD treatment, shedding light on their interconnected influence on treatment untercomes their interconnected influence on treatment outcomes.

Learning Objectives :

- Understand potential risks for peri-implant soft tissue deficiency before placing and loading an implant
- Gain insights into the classification of peri-implant soft tissue deficiency master treating them through the application of soft and hard tissue grafting techniques
 Grasp the rationale behind choosing the optimal treatment approach based on the type
- of implant complications

Debora Dias, DDS, MSc Anatomical Predictors for Successful Outcomes in **Ridge Preservation with Immediate Implant** Placement

Course Description:

Following tooth extraction, the alveolar process undergoes significant dimensional changes, impacting the success of implant-supported rehabilitations. Ridge preservation procedures for immediate or late implant placement have been proposed to counteract and minimize these alterations. This lecture will provide the latest evidence-based information on ridge preservation with immediate implant placement, with an emphasis on anatomical land

SPEAKERS

marks for precise treatment planning. Different anatomical scenarios and their corresponding management approaches will be discussed through clinical cases Learning Objectives :

- Understand the anatomical changes in the alveolar process following immediate implant placement and socket grafting, and their implications for the long-term success of rehabilitations
- Determine indications for ridge preservation with immediate or late implant placement, and how to distinguish between these two scenarios
- Navigate the new anatomical guidelines for ridge preservation with immediate implant placement

Randy K. Shoup, DDS



& Thomas J. Kepic, DDS, MSD WHEN TWO WORLDS MEET: Contemporary Periodontics and Biomimetic Dentistry Achieve Dentistry's Goal – SAVING TEETH

Course Description:

Most patients want to preserve or enhance their health and physical well-being in as natural a state as possible. This presentation will show how collaboration between the periodontist and the biomimetic dentist can achieve this goal.

Learning Objectives :

- Discuss the challenges and solutions available to the biomimetic dentist by removing the least amount of tooth structure to achieve the maximum long-term benefit
- The reast annount of cours structure to achieve the maximum long-term benefit Discuss options that dentists, hygienists, and periodontists have to eliminate inflammation and regenerate the lost periodontal support Role play conversations that the dental team (dentist, hygienist, and periodontist) should have before, during, and after delivering therapeutic care

Curry Leavitt, DMD, MS

Up Your Biologics Game for More Favorable Outcomes: 10 Ways to Utilize Bioactive **Biomaterials Within Your Periodontal Practice**

Course Description:

Learn about the indications and applications for de-epithelialized dehydrated amnionchorion allograft, including guided bone and tissue regeneration, socket preservation and ridge augmentation, both surgical and non-surgical, and donor/recipient site adjunctive applications. Witness the impressive healing capabilities, in addition to a multitude of data and documentation demonstrating the unparalleled biocompatibility of this unique and remarkable allograft tissue. Learning Objectives:

- Discuss the biology of placental tissue allografts
- Learn and appreciate the various surgical applications of amnion-chorion barrier membranes Appreciate the healing capabilities of utilizing placental tissue Understand the advantages and limitations of amnion-chorion barrier membranes
- (Sponsor: Snoasis)

Purnima Kumar, DDS, PhD



Microbial Dysbiosis: The Root Cause of Periodontitis Course Description: Bacteria have co-evolved with humans, adapting not only to genotypic idio-

syncrasies, but also to behavioral and lifestyle changes. Together, the human and the microbiome we host form a 'holobiont', with these organisms playing a vital role in maintaining our physiology and health. Moreover, these dynamic communities form ecosysreason within various niches in the human body, and by virtue of this lifestyle, are extremely responsive to shifts in the local environment. Thus, the microbiome acts as a 'canary in the coal mine'. As a clinician and a microbial ecologist, my research focuses on harnessing the capabilities of the microbiome to promote health and to act as prognosticators of impending disease states as well as biomarkers of disease activity. For over two decades, our research group has explored the factors that shape this microbiome, with a view to identifying com-mon microbial targets for therapeutic intervention as well as idiosyncratic features within this system.

Learning Objectives:

- A eubiotic community is one that follows a biological blueprint Human behaviors and systemic disease can alter this blueprint
- Dysbiosis is a cause, not merely a consequence, of oral disease
- Dysbiotic microbiomes can act as a 'canary in the coalmine'

George Mandelaris, DDS, MS, FACD, FICD & Brian Vence, DDS



Surgically Facilitated Orthodontic Therapy (SFOT) An Interdisciplinary Approach Course Description:

Long-term aesthetic and functional results of oral reconstruction often involve periodontal and restorative treatment. In many clinical situations, a more holistic approach is indicated which involves orthodontic and maxillofacial surgery skill sets. The concept of interdisci-plinary dentofacial therapy (IDT) is often overlooked which leads to compromised or failed treatment results over the long-term. In order to avoid such mistakes and unfortunate consequences, patients should be offered an interdisciplinary team utilizing orthognathic surgery and surgically facilitated orthodontic therapy (SFOT) to optimize conditions for homeostasis of the periodontal tissues and balance of dentofacial disharmonies (including the airway). Surgical, orthodontic and restorative perspectives will be presented from a tooth-tooth, tooth-jaw, jaw-jaw and jaws-face context to challenge the contemporary (IDT) team to move beyond traditional therapies into a new frontier for enhanced outcomes. Learning Objectives :

- To appreciate the limitations of restorative dentistry and conventional orthodontics in treating the patient with esthetic dental needs.
- To review IDT diagnostic modalities critical to treatment planning of the interdisciplinary patient requiring restorative, orthodontic, periodontal and maxillofacial surgery. To discuss the role of SFOT in the management of decompensating the skeletal
- malocclusion prior to orthognathic surgery. To present how SFOT can complement orthognathic surgery outcomes, ultimately ensuring esthetic and functional outcome success for the restorative specialist. (Sponsors: BioHorizons and Geistlich)



Kevin G. Murphy, DDS, MS The Year in Review: A Summary of the Most Important Articles Related to Periodontics and Implant Therapies Published in 2023

Course Summary: Keeping up to date with the current literate is a challenge for all practitioners. The goal of this lecture is to provide attendees with a succinct summary of the most important articles published last year related to the following subject areas:

- The assessment, prevalence, treatment regimens of periodontal disease Medication related osteonecrosis of the jaw
- - The systemic health conditions affecting the periodontium and alveolar bone health
- Periodontal regeneration Soft tissue augmentation adjacent to teeth and implants Alveolar ridge preservation and alveolar bone augmentation techniques
- Implant therapies
- Peri-implant disease and treatment





Course Description:

Condyar resorption is an insidious process in which volume loss within the condyles develops oftentimes idiopathically. The attendant facial deformity can be quite severe, resulting in a clockwise rotational movement of the maxillomandibular complex and compromising facial esthetics, the occlusion, and airway.

 Learning Objectives:
 This presentation will present a structural approach to the reconstruction, compare and contrast conventional double-jaw surgery with total joint replacement, as well as touch on the pathophysiology and suspected cause



Rachel Schallhorn, DDS, MS Regenerative Periodontal Surgery: preserving the natural dentition with a comprehensive treatment approach

Course Description:

Regenerative periodontal surgery offers patients the opportunity to improve and maintain their natural dentition. Achieving success in regenerative therapy requires a comprehensive and patient-centered approach. Key elements of regenerative therapy will be reviewed, including site-selection, surgical techniques and materials-selection, long-term outcomes and maintenance.

Learning Objectives:

- Analyze various periodontal defects encountered during treatment and indications for different treatment approaches
- Review regenerative periodontal surgical techniques and materials
- Discuss a comprehensive, patient-centered approach to treatment including preparation for surgery and long-term maintenance



Course Description:

Leaning Objectives:

Course Description:

Leaning Objectives:

Visualization

relates to normal practice

Bor Jian Chen, DDS Ridge Preservation Using Non-Resorbable Open Membrane Technique

Course Description:

Ridge Preservation with the use of membrane and bone graft is a predictable approach to Attenuate Alveolar Ridge Resorption after tooth extraction. Using d-PTFE membrane as open occlusive barrier, preventing down-growth of epithelium, regenerating bone formation can be achieved. No requirement of Mucogingival junction translocation or soft tissue grafting needed during implant placement. Learning Objectives:

Biomimetic Onlays, Rationale, Armamentaria,

In this presentation I will discuss the rationale for adhesively retained partial coverage res-torations vs crowns. I will explain the importance of using proper armamentaria, guidelines and techniques for preparations, and tips and tricks on Rubber dam dentistry. Concepts such

as selective caries/crack removal, Immediate dentin sealing, Resin coating, Deep margin el-

evation, Short fiber reinforced composites, Ribbond, and tips to improve bonding to various substrates will be covered.

You will understand the reason for adhesively retained partial coverage restorations vs crowns

The "Why" of Advancing Surgical Technology: Cutting-Edge Methods to Enhance Doctor Health

Is it inevitable? Will we find a way to offer definitive care for our patients and ourselves? We think so. From biocompatibility to robotics, this course will be an overview of modern tech-nological advancements in dental practice. How do AI, AR, VR, relate to the Dental Operating

Microscope? You will learn about the many benefits of microscope enhanced dentistry, and

how it can be used in concert with other devices like lasers and iPads to help build and main-tain trust with patients. Restorative, Diagnostic, and Surgical applications will be discussed with case presentations. Why? With both evidence and anecdotes, a compelling argument will

Gain perspective on the far reaches of medical and dental science today and how it

Learn about the value of visual aids like the Operating Microscope, AI and Augmented

Understand the consequence of tooth extraction

Utilize d-PTFE membrane as open membrane technique

Kia Karimi, DDS

and Techniaue

You will have techniques on rubber dam dentistry

and Patient Care

be made for riding the wave of advancing technologies.

Understand the benefits of combined technology

You will improve your bonding to various substrates Shepard DeLong, DMD

Learn surgical technique how to prevent early exposure of membrane



Mark Anthony Limosani, DMD The Restoration of Endontically Treated Teeth & Dentin Conservation: Theoretical Concepts & **Practical Applications.**

Course Description:

Learning goals include conducting an ongoing review of current literature as it pertains to the influence of tooth structure conservation and outcome. We will discuss current alterations to the traditional treatment philosophy and their impact on dentistry. The lecture presentation concentrates on how to perform endodontics in a predictable, reproducible manner using modern techniques that aim at enhancing the long-term prognosis of the tooth. Included in this lecture will be a thorough discussion concerning access, headways in rotary le design and metallurgy, instrumentation philosophy, and various obturation options.

Leaning Objectives:

- Provide insight into the paradigm shift related to strategic dentin preservation.
 Outline the armamentarium required to accomplish our procedural goals.
 Demonstrate clinical protocols that marry the traditional objectives of disinfection with a more minimally invasive approach to treatment



Arnoud Noot, DDS Anterior Composite Restorations Using Microscope Magnification

Course Description:

Often direct or indirect composite materials are overlooked in trying to solve restorative or esthetic solutions. Our objective needs to be in finding a balance between esthetics, longevity, strength, cost, preserving natural tooth structure and tooth vitality. Despite common beliefs and traditions among dental professionals, composite, restorations can be extremely esthetiic when compared to ceramic crowns or veneers. In our presentation we will demonstrate examples of composite restorations and the careful techniques required in order to achieve consistent desired cosmetic results. Magnification using a surgical microscope is one of those skills needed. We will discuss ideal indications and contradictions or advantages and disadvantages over other materials direct or indirect. These techniques may take some time to develop, but with practice, confidence will ensue and new possibilities will reward both the practitioner and the patient.

Leaning Objectives:

- · Esthetic pitfalls: Flash, staining, voids, bubbles, overheating, texture, polishing, Outcle picture, p
- can also be helpful for cleaning and conditioning Advantages over ceramics and direct vs indirect restorations. We will discuss strength vs
- toughness and resilience. Future restorability options need to be considered. Reparability and modification are some advantages. Direct mock up restorations without adhesive can show a patient the desired outcome
- Ideal indications will be presented such as: peg laterals or missing lateral incisors. Composite veneers. Class IV, V restoration. Indirect full mouth rehabilitation. Restoring tooth occlusal wear. Shape and color modification such as diastemas and hypocalcification. The use of different types of matrices, wedges and mylar strips will be explained. Color selection and materials will be reviewed

Glenn van As, BSc, DMD 25 Years of The Dental Operating Microscope (D.O.M.) in Restorative and Esthetic Dentistry:

Seeing is Believing **Course Description:**

In this lecture the speaker will share his personal experience of over 25 years in using the microscope for 100% of his clinical work. The lecture will discuss the four benefits of using the Dental Operating Microscope in daily general practice for restorative dentistry. The advantag-es of the microscope for improvements in precision, ergonomics, documentation and communication will be shared with attendees. The lecture will share clinical cases in an evidence based fashion with literature to support these cases from simple direct restorative dentistry through to smile makeovers. Come see how the D.O.M. can be the center of the operatory for a general practice providing quality esthetic and restorative dentistry.

Learning Objectives:

- Gain an understanding of the four benefits of using the D.O.M. for restorative dentistry. Appreciate the advantages of the microscope in clinical cases from simple indirect
- restorations though to smile makeover cases. Discover literature that can support the usage of the microscope for restorative dentistry. · Understand the power of the microscope in the documentation of your clinical cases

Andrei Berdichewsky, DDS How to Improve the Endodontic Outcome Using Dental Operating Microscope

Course Description:

The use of a dental operating microscope (DOM) can significantly improve the outcome of endodontic treatment. The DOM provides a magnified view of the tooth, allowing clinicians to identify and treat canals that would otherwise be difficult to see with the naked eye. The microscope also helps in finding cracked tooth, and locating and removing separated instruments, preserving more tooth structure. To improve the endodontic outcome using a DOM, it is important to have a thorough understanding of dental anatomy treat anatomical variations that may exist within the tooth, and the application of magnification and ultrasonics Learning Objectives:

- Benefits of the DOM finding and treating different anatomical situations like difficult to find canals and radicular resorptions.
- Application of the new clinical prognosis signs on cracked tooth.
- Using the DOM to manage endodontic adverse events, like separated instruments and perforation repair.

SPEAKERS

Kiyonobu Saburi DDS, Ph.D. New Approaches in Interdisciplinary Dentofacial Therapy: Combining Orthodontic and Periodontal Techniques to Maximize Esthetics, Function, and Stability

Course Description: This presentation will provide original treatment options for bony architecture correction with resective, regenerative and orthodontic tissue remodeling, clearly describe a diagnostic system utilizing cephalometrics and 3D CT imaging, and state the importance of considering the entire dentofacial complex.

Leaning Objectives:

- Surgically-Facilitated Orthodontics
- 3D implant positioning Occlusal reconstruction to idealize dentofacial esthetics and function

RDH SPEAKERS

Susan S. Wingrove BS, RDH Mastering the Arch! Full Arch Implant Maintenance and Home-Care

Course Description:

Support your patients choosing to replace dentures or edentulous arches with implantsupported full arch fixed or removable prostheses. Assessment of patient's tissues, abutments, and implants are the critical component in the success of implant-supported Full Arch prosthesis patient. In this course, participants will gain an understanding on how to provide assessment, maintenance, and home-care recommendations for the 'full arch fixed and removable prosthesis patient'. Experience step-by-step videos on removal and replacement of the fixed full arch prosthesis based on Susan's textbook: Periimplant Therapy for the Dental Hygienist: 2nd Edition. Comprehend the WHAT, WHY, and HOW To of Mastering the ARCH! Learning Objectives:

- To understand WHAT and WHY of Full Arch Implant Prostheses and the current research on implant maintenance and home-care specifics for full arch removable and non-removable prosthesis
- Experience through live patient videos HOW TO remove and replace full arch prostheses and the flow of a professional implant maintenance visit
- To be able to provide the tools and products for critical home-care recommendations and disease prevention (Sponsors: Ivoclar, Oral-B)

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 interdisimplementation, 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
- Granulate strategies that incorporate efficiency in patient treatment for more productive scheduling (Sponsors: Ivolcar, Enova, Directa Dental, Kettenbach and Nordent) Lynn Atkinson, RDH

Technology, Teeth, and Time



Course Description: Technologies transform how clinicians diagnose and treat patients more the aphysician the patient experience. The dental hygienists efficiently than ever before while enhancing the patient experience. The dental hygienists can be leaders in bringing technologies to the forefront and empowering team members on the benefits for the patients, team, and the practice. This course will introduce several different technologies to make the dental hygiene experience more comprehensive and efficient.

Learning Objectives:

- Identify different technologies used in diagnosis and therapies
- Learn how to incorporate technologies in different scenarios
- Recognize the advantages of using technologies in the
- hygiene department (Sponsors: EMS, Biolase, Cindy Purdy, RDH, BS, CEAS



Course Description: A profound number of dental professionals are experiencing chronic pain, injury, disability, and early retirement. By facing the ergonomic realities of the practice of dentistry, this course will present solid ergonomic principles and science-based ergonomic evidence that will guide attendees to truly understand the mechanics of musculoskeletal disorders, learn the cost of injury and discover why and what can be done to reduce workplace challenges, enhance wellness and extend career longevity. Learning Objectives:

- Explore the current studies related to dental ergonomics.
- Recognize the risks for work-related injuries impacting the dental profession.

Appreciate the role of neutral posture in reducing ergonomic challenges. (Sponsors: Crown Seating, LLC, Hu-Friedy Group, MouthWatch, LLC, Andau Medical)



Melissa Calhoun, MSDH, RDH The Future Is NOW... Implementing Minimally Invasive Dental Hygiene Therapy into Clinical Practice

Course Description:

Do you ever provide preventive therapy and feel as though something is missing? You've used mechanical, hand instrumentation, and polishing agents, yet biofilm is still present. Technology has provided dental hygienists with an effective and efficient way to disrupt biofilm minimizing the use of mechanical and hand instrumentation yet providing a systematic, predictable approach to biofilm disruption. Minimally invasive therapies provide clinicians with the best way to safely remove biofilm from around implants, crowns, primary teeth, and natural teeth using a non-abrasive powder, warm water, and air. This course will provide a better understanding of dental hygiene therapies and how to introduce them to your team and patients. In addition, this interactive course will guide you through a systematic approach to disease diagnosis and patient motivation through risk assessment while achieving optimal results based on individualized precision patient care.

Learning Objectives:

- Understand why minimally invasive dental hygiene therapy encourages improved oral health outcomes
- Discuss ways to integrate minimally invasive dental hygiene therapy into their practice Explain minimally invasive dental hygiene therapy with your patients Consider guided biofilm therapy for performing minimally invasive dental
- hygiene therapy (Sponsor: EMS)

Nicole Fortune, RDH



Periodontal Excellence: Essential Insights and Practices for Dental Hygiene Professionals

Course Description:

Tailored specifically for dental hygienists, this course is designed to provide a review of the intricacies of periodontal diseases, emphasizing the essential knowledge and skills necessary for effective patient care. Participants will delve into the etiology, pathology, and clinical manifestations of periodontal diseases, gaining insights into the latest advancements in periodontal diagnostics and treatment modalities. This course integrates theoretical knowledge with practical applications, providing dental hygienists with the tools and skills needed to contribute to the prevention, diagnosis, and management of periodontal diseases in a clinical setting. Learning Objectives:

- Identify the various etiological factors contributing to periodontal diseases, including microbial, genetic, and environmental factors
- · Evaluate risk factors and their impact on the development and progression of periodontal diseases
- Explore evidence-based approaches to non-surgical periodontal therapy
- Discuss the integration of antimicrobial agents and adjunctive therapies in the management of periodontal diseases (*Sponsor: Young Dental*)
- Anne O. Rice, RDH, BS, FAAOSH, CDP



The Battle of the Microbiome: The Synergistic Relationship Between Oral Health and Nutrition

Course Description:

"You are what you eat' is attributed to nutritionist Victor Lindlahr in the 1930s, emphasizing that idea that food has a direct impact on health. Humans need a balanced intake of both macronutrients (such as proteins, fats, and carbohydrates) and micronutrients (vitamins and minerals) for overall wellness, including oral health. Oral dysbiosis caused by a loss of micro-bial diversity, increased presence of pathogenic microbes, and a loss of beneficial microbes culminating to periodontal disease is becoming a challenge to treat. Science is mounting the diversity increased presence of the second pathogenic microbes and a loss of beneficial microbes culminating to periodontal disease is becoming a challenge to treat. Science is mounting the diversity increased presence of pathogenic microbes and a loss of beneficial microbes culminating to periodontal disease is becoming a challenge to treat. Science is mounting the diversity increased presence of pathogenic microbes and a loss of beneficial microbes culminating to periodontal disease is becoming a challenge to treat. Science is mounting the diversity increased presence of pathogenic microbes and a loss of beneficial microbes culminating to periodontal disease is becoming a challenge to treat. Science is mounting the diversity increased presence of pathogenic microbes diversity increased presence diversity di surrounding biofilm and resistant pathogens, leading to clinician and patient frustration. This presentation will offer a comprehensive exploration of the connection between nutrition and periodontal health, providing practical information and strategies for oral healthcare providers to integrate into their toolkit. Participants will gain knowledge on how to "feed and starve" the oral microbiome will cover information on vitamins, xylitol, pH, antimicrobials, essential oils, and nitric oxide in the context of periodontal health.

Learning Objectives:

- Identify specific vitamins and nutrients that feed a healthy mouth
- Summarize how oral cavity probiotics may benefit by providing colonization competition, genetic modification of the microbiota and immune stimulation
- Understand the dimensions of antimicrobials and their alterations to the microbiome (Sponsor: BioGaia)



Tom Baker, DDS Reflections on the Treatment of Periodontal Disease After 45 Years of Practice; Use of the Microscope, Perioscope, and Loupes in Minimally Invasive Periodontal Therapy

Course Description:

I aim to share my consistently successful minimally invasive treatment techniques for periodontally involved teeth by presenting patient cases. Use of various modalities of magnification will be demonstrated. The importance of accurate diagnosis will be discussed. Hygienists, dentists, and periodontists may find these treatment procedures useful. Learning Objectives:

Importance of saving teeth, while acknowledging the necessity of dental implants

Importance of diagnosis

- Armamentarium that allows for minimally invasive treatment
- How I perform minimally invasive periodontal treatment Levels of therapy for both the hygienist and dentist/periodontist

NORKSHOPS

THURSDAY, AUGUST 15TH • 6-9PM

Invest 3 hours in yourself and in your career that will change EVERYTHING about how you think about dentistry. COURSE PANELISTS:







William Linger, DDS, MAGD, MAMED

Ozzie Mayoral, DDS

All this and so much more

Yes it can be done, and we

will do it for YOU!

AMED CHALLENGE:

If you can cut a better crown prep than

one of our instructors, we will pay you

\$100.00

If our instructors can cut a better crown

prep than you....YOU JOIN AMED!

Bring your loupes, favorite burs, whatever

you want. We will have the dentiform and

teeth to prep. Let's see just how good

you REALLY are.

\$995

\$495

DDS, CEAS, AEP Elevate Your Practice with High Magnification Dentistry

Course Description:

Unlimited Supply of Patients Willing to Pay You OUT OF POCKET! Practice PAIN FREE - No More Back, Neck, Shoulder, Hip, or Leg Pain EVER! Complex Dentistry Made Simple, Easy, and DEPENDABLE! compressed in just 3 hours. Leaning Objectives:

- How to offer dentistry that your patients want and are willing to pay for, regardless of their dental insurance
- How to create a waiting list of patients wanting your best and finest services
- The most popular dental service you offer to your patients that they HATE! · How to protect your hands, neck, back, shoulders, hips and legs from chronic injury that
- will shorten or end your career
- How to NEVER practice in pain again
- How to protect yourself and your team from repetitive injury
- How to do 60% of your operative dentistry without having to give a shot or use a drill
 How to perform very complex dentistry with a system that is simplified, easier and
- offers amazing results
- How to see your dentistry with clarity, magnification, a clean field and much less stress on your eyes and hands
- The latest and most up-to-date technology for performing operative, crown and bridge, endo and perio in a GP office

SATURDAY, AUGUST 17TH • 8:00AM - 5:00PM

Thomas G. Wiedemann, MD, PhD, DDS Modern Advanced Atraumatic and Surgical Extraction Techniaues, **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

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

SUNDAY, AUGUST 18TH • 8:00AM - 12:00PM

Thomas G. Wiedemann, MD, PhD, DDS

Understanding Sutures and Flap Designs for General Dentists This Course Is Under The Direction of Thomas G. Wiedemann, MD, PhD, DDS Learning Objectives:

- Comprehend predictable wound healing, suture mechanics and the importance of correct suturing.
- Select the proper threads, needles, and hand instruments.
- Know the armamentarium needed to facilitate surgical sutures in the mouth.
- Understand why and how to choose a particular type of suture material.
- Learn to perform and apply the most useful suturing techniques in divers clinical situations and understand the theory of these different suturing techniques in surgical exodontia, bone grafting, implants, clot and membrane stabilization, primary closure
- Discover how to avoid the most common suturing mistakes.
- How to deal with suture challenges and complications
- Understand principles of wound healing and flap design
- Perform full-thickness and split-thickness flaps on a pig-jaw, including a GBR-procedure and the use of different types of classic and modern suture techniques 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





FOR RESERVATIONS

To reserve a discounted room secure your reservation by 7/1/2024. Passkey Link for Attendee: https://www.hyatt.com/en-US/group-booking/DENRD/G-WSOP

SATURDAY, AUGUST 17TH • 2:00PM - 5:00PM



Juan Carlos Ortiz Hugues, DDS, CEAS, AEP Advanced Dental Ergonomics with Ergonomic Loupes: Workflow, Posture, Positioning, and Wellness in Dentistry The Course Includes An Individual Ergonomics Assessments and Situational Report, Pre and Post Course Using Video Analysis

Course Description:

Naked eye dentistry should be a thing of the past, the high rate of musculoskeletal disorders of 60-80%, the rate of early retirement from the profession due to limiting injuries or mental fatigue are a reality. Conventional loupes without an appropriate guide to adjust them to the individual dimensions of the user have been a limitation for the professional to acquire healthy work postures within the neutral. Currently there are ergonomic loupes on the market, which have revolutionized the high magnification market. These loupes came to solve the postural problems of many conventional loupes on the market and in turn generate a high optical quality to magnify and see better. Added to this, low-weight LED lighting systems, non-touch on and off, and video camera systems for live documentation bring this technology closer to the broad benefits already known in the dental microscope, but with a lower investment cost, portability and a much flatter, easier and faster learning curve to handle. In this course we will be able to address the proper use of these loupes and apply it in the office with a systematic approach to simplified positioning, starting from the biomechanics of the human body to working with four hands to perform better, without suffering from it

ALL MODULES BELOW INCLUDE A LECTURE AND DEMONSTRATION

- Program:
- Part 1. Biomechanics of the human body, the ergonomic stool, posture Part 2. Systematic positioning
- - Part 3. Ergo loupes features and user guidelines Part 4. Four handed dentistry. The role of the dental assistant

Learning Objectives:

- Incorporate knowledge of the biomechanics of the human body and the neutral sitting posture
- Adapt the use of technology according to the individual anthropometrics of each operator
- Use magnifying glasses with a systematic positioning system
- Use the magnifying glasses fluently minimizing the learning curve
- Adapt four-handed dentistry to work efficiently with the assistant
- Understand the use of the ergonomic stool and its synergy with magnifying glasses
- Incorporate an organization office strategies that minimizes mental fatigue
- Advanced Dental Ergonomics with Ergonomic loupes
- Workflow, Posture, Positioning and wellness in dentistry

SUNDAY, AUGUST 18TH • 9:00AM - 12:00PM

Juan Carlos Ortiz Hugues, DDS, CEAS, AEP

Advanced Dental Microscope Ergonomics

Includes: Preliminary Course, Ergonomic Assessment and Post Course, Ergonomic Assessment Course Description:

This course is designed for Microscope dentists including experienced users, new users and those looking to buy a microscope. The goal of this course is to teach the basics of ergonomics and the application in the dental practice. We have seen many experienced dentists are using the microscope less than 20% of the time. Why? Because they do not have the information on ideal ergonomics of the human body and how to properly adjust the microscope in a systematic approach. We will help you minimize the learning curve and you should be able to use the microscope 90-100% of the time. We will teach how to keep the body in the best posture and use the microscope to its full potential. ALL MODULES BELOW INCLUDE A LECTURE AND DEMONSTRATION

Program:

Part I. Understanding Biomechanics of the human body Part 2. Positioning The Patient In The Chair

Part 3. The Assistant's Role

Part 4. Microscope Adjusting And Setting

Learning Objectives:

- Work through the microscope in all quadrants with direct and indirect vision. Use the dental microscope for all procedures in dentistry in an operatory setting.
- Practice with microscope 100% of the time, from anesthetic to suturing.
- Use video and photo documentation with the microscope Setup a microscope centered practice.
- How the microscope can't be beat for the four pillars of quality dentistry: Magnification, Illumination, Communication and Ergonomics.
- An outline and instruction of the skill set needed to pass the AMED certification exam.
- Personalized training tailored to your individual needs and skill level.



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With a stay at Grand Hyatt Denver, you'll be centrally located in Denver. This luxury hotel is 0.6 mi. from 16th Street Mall and 1 mi. from Coors Field.

Make yourself at home in one of the 516 guestrooms featuring refrigerators and iPod docking stations. Your pillow top bed comes with down comforters and premium bedding. Wired and wireless internet access is complimentary, and flat-screen televisions with premium TV channels provide entertainment. Private bathrooms with showers feature designer toiletries and hair dryers.

Enjoy recreational amenities such as a health club and an indoor pool.

Grab a bite to eat at Courier Kitchen and Bar, a restaurant which features a bar/lounge, or stay in and take advantage of the 24-hour room service. Full breakfasts are available daily from 6 AM to 11 AM for a fee.

For information on this or other seminars contact: tgoldman@wsperio.org 813.444.1011 • www.wsperio.org • www.microscopedentistry.com









Western Society of Periodontology 72nd Annual Scientific Session Western Dental Hygiene Symposium Academy Of Microscope Enhanced Dentistry 23rd Annual Meeting



The Leaders in Collaborative Care August 15-18, 2024 • Denver, Colorado

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2024 Registration Application & Pricing

Personal Information					
Full Name: Address:			Dentist RDH RDA Suite#:		
City:		e:	Zip:		
Cell Phone::			·		
Email Address:					
2024 ANNUAL MEETING REGISTRATION FEES					
	Early Bird:				
WSP/AMED/MEMBERS:	By May 17th	By July 26th	After July 26th		
Dentists	🗆 \$595	□ \$695	□ \$ 795		
F/T Faculty/Military	🗆 \$495	🗌 \$545	🗆 \$565		
Hygienists	🗆 \$319	□ \$339	□\$359		
Dental Assistants	🗆 \$ 299	□ \$ 329	□ \$349		
Students & Residents	🗆 \$100	□ \$100	□\$100		
Refer to page 5 for Hands-On Course Pricing					
WSP/AMED/NON-MEMBERS:					
Dentists	🗆 \$695	🗆 \$ 795	□ \$925		
F/T Faculty/Military	🗆 \$515	🗆 \$565	□ \$595		
Hygienists	🗆 \$359	□ \$389	□ \$399		
Dental Assistants	🗆 \$359	□ \$389	□ \$399		
Students & Residents	🗆 \$125	🗆 \$125	🗆 \$150		
Refer to page 5 for Hands-On Course Pricing					
Registration on-site \$100 additional fee					

Total Amout Due:

Registration fees Include: All General Session lectures, Light Breakfast and Lunch, Exhibitor Reception and the Foundation Reception & Awards Event on Saturday night. Course Registration Cancellations: The fee, less a \$35 per person processing charge, will be refunded if cancellation is made by 7/1/24. Cancellations made between 7/2/2023 - 7/25/2024 will be charged \$100 cancellation fee. No refund will be made for cancellations after 7/26/2024. Please register online at wsperio.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. Call for pricing 813-444-1011.

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To Register go to: 813.444.1011 • www.wsperio.org • www.microscopedentistry.com