



MIDWEST SOCIETY OF PERIODONTOLOGY NEWSLETTER

MIDWEST SOCIETY OF PERIODONTOLOGY 2018-2019 OFFICERS & EXECUTIVE COMMITTEE

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PRESIDENT'S MESSAGE

Greetings from Ann Arbor and Detroit Michigan!

It was great to see many of you recently at the 2018 Annual AAP in Vancouver, British Columbia. It was a great venue for the meeting and congratulations goes out to those students and faculty from District IV who participated in the competitions and won Awards at the Meeting. The MSP has traditionally been well-represented at the AAP meeting and this year was no different. The meeting was later in the year than usual and as a result, concluded as the Holiday Season officially began with Halloween. The MSP Board had its regular meeting during the Annual meeting and continued previous discussions of changes to the organization which will benefit its current members and attract new members. Many of these changes are in direct response to the MSP survey conducted before and during this past year's Annual MSP meeting so we thank those who participated but we always welcome member feedback.



It has truly been humbling to serve as your President this year and it is hard to believe that the 2019 Annual MSP Meeting is only a couple short months away. As you see in the Newsletter, we have an outstanding program in line for you with the theme being "**Precision Management of Periodontal and Peri-Implant Diseases**" (see details in Newsletter). The Meeting will kick-off at the Renaissance Chicago Downtown Hotel on Friday afternoon, February 22 at 1PM with a hands-on session led by Dr. Homlay Wang on the use of the Er:YAG laser for management of periodontitis and peri-implantitis. This 3 hour session will be very interactive and provide practical applications of this technology to day-day clinical practice. Saturday will feature lectures by Drs. Ken Kornman and Homlay Wang, who will discuss the emerging concepts of precision management of periodontitis and peri-implantitis. This discussion will be very timely on the heels of the new Periodontal Classification system, which Dr. Kornman will place into context as part of his discussion. The meeting will conclude on Sunday with a provocative discussion centered around the question "what is the proper maintenance of implants?" Dr. Tom Wilson will lead this discussion about maintenance protocols for dental implants and practice management aspects of handling peri-implant diseases in the context of private practice.

The 2018 MSP meeting marked the highest recorded attendance of residents and students at an MSP meeting and their vigor and enthusiasm was palpable throughout the meeting. This year we anticipate an equally large group of residents and students so don't forget to support the cutting edge clinical and scientific work they are doing by checking out the Graduate Student Forum on Saturday morning and the poster presentations on Saturday. Saturday afternoon will also feature a special program for residents and students, where they will have an opportunity to hear from recent grads about their experiences in getting started in practice and some of the "Dos and Don'ts" of starting a career.

To conclude, I would like to thank the MSP Executive Board for its hard work and dedication to this organization and for making this past year as President a very rewarding one for me.

I hope to see you all in Chicago in February and hope that all enjoy the upcoming Holiday Season!

Best,
Darnell Kaigler

2019 Annual Meeting Highlights

Learn about the Future of Periodontics and Management of Peri-Implantitis. *New AAP & EFP Classification on periodontal and peri-implant diseases!*

We look forward to seeing you again next year!

2019 62nd Annual Meeting

February 22 - February 24, 2019
Renaissance Chicago Downtown Hotel
One West Wacker Drive, Chicago, IL 60601

Program Highlights:

Dr. Kenneth Kornmann

"The Future of Periodontics: Precision Management of Periodontitis and Peri-implantitis"

Dr. Hom-Lay Wang

"Update in Avoiding and Managing Peri-implantitis"

Dental Laser Hands-on Workshop

"Use of Er:YAG Laser for Management of Periodontitis and Peri-implantitis"

Dr. Thomas Wilson

"Etiology, Therapy, and Maintenance for Peri-implant Disease"

2019 62ND ANNUAL MEETING SYNOPSIS AND LEARNING OBJECTIVES



Speaker:

Hom-Lay Wang, DDS., MSD., Ph D.

Endowed Collegiate Professor of Periodontics
Professor and Director of Graduate Periodontics
Diplomate and Former Director & Chair, American Board of
Periodontology

Affiliation:

University of Michigan School of Dentistry
Department of Periodontics and Oral Medicine

Feb 22nd PM (Friday), 2019

Hands-on course

"Use of Er:YAG for Management of Periodontitis and Peri-implantitis"

Synopsis:

Peri-implantitis has slowly become one of the major challenges for many practicing implantologists. Dental lasers have emerged as an adjunct tool in the management of peri-implant related diseases. This hands-on exercise highlights the differences among various lasers, presents current evidence and understanding related to these dental lasers. Specifically, the participant will learn how to properly use dental lasers for the treatment of peri-implant diseases. The hands-on exercise will cover an overview of Er:YAG laser technology, how to properly use Er:YAG laser to disinfect contaminated implant surfaces and prepare the sites for the guided bone augmentation without interfering implant osseointegration.

The pig-jaw workshop will include a lecture, with a hands-on workshop offering participants with an opportunity to feel and experience the how Er:YAG laser works and how to perform bone augmentation in a pig-jaw created peri-implant defect.

Learning Objectives

- Understand how dental laser can be used as an adjunct in treating peri-implantitis.
- Familiarize of different lasers that are available in the market.
- Know how to properly use Er-YAG laser for managing implant surface detoxification and perform guided bone augmentation around peri-implant defects.

Feb 23rd PM (Saturday), 2019

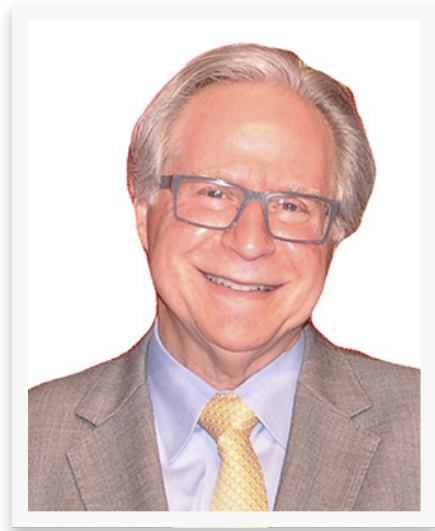
"Update in Avoiding and Managing Peri-implantitis"

Synopsis:

Peri-implantitis has slowly become a daily challenge for many practicing dentists. This presentation is designed to provide most updated classifications, etiological factors associated and current management. The presentation includes but is not limited to: new peri-implantitis definition, implant surface detoxification methods (e.g., chemotherapeutic agents, titanium brush, air-flow, lasers...etc.) and common treatment approaches (e.g., apically positioned flap with or without implantoplasty, guided bone regeneration, soft tissue grafts, implant removal as well as re-implantation). Decision tree on how to avoid peri-implantitis as well as how to treat this emerging disease will be presented.

Learning Objectives

- Understand current disease classification system
- Recognize factors that contribute to peri-implantitis
- Know how to use decision tree to select proper treatment modality to manage implant complications



Speaker:
Dr. Kenneth Kornman

Affiliation:

University of Michigan School of Dentistry
Department of Periodontics and Oral Medicine

Feb 23rd AM (Saturday), 2019

Lecture Topic: “The Future of Periodontics: Precision management of periodontitis and peri-implantitis”

Synopsis:

The future of periodontics is primarily about managing clinically and biologically complex patients, which constitute at least 20 to 25% of our adult population. Achievement of long-term oral and systemic health outcomes in the complex cases require specialty-level diagnostic and surgical skills, informed by deep knowledge and concepts defined in the 2017 reclassification of periodontitis and the new classification of peri-implant diseases and conditions. This presentation will describe the rationale for why our periodontitis classification system needed to change, and how to identify patients who present with complex cases. Although our knowledge of peri-implant diseases and conditions is at a much earlier stage, we can start to use elements of the new periodontitis classification to enhance the management of patients requiring dental implants. We will discuss how to identify the complex cases, what specific diagnostic and surgical skills are required, and how to define local and systemic outcomes. By definition, each complex case must be defined at the individual patient level, and the treatment planning inherently involves precision management of the individual patient. Importantly, the new periodontics should define a new role for the periodontist in the dental and medical care systems of today and the future.

Learning Objectives

Audience participants should be able to describe:

- why there is a need for change in clinical periodontics
- what constitutes a “complex case”
- what skills and core knowledge are needed to be part of the precision management of complex cases
- how the new periodontics defines new clinical networks of dentists and physicians



Speaker:

Dr. Thomas G. Wilson

Private practice, North Dallas Dental Health

Feb 24th AM (Sunday), 2019

"Etiology, Therapy, and Maintenance for Peri-implant Diseases"

Synopsis:

The number of implants suffering from peri-implant disease is increasing. There are continued questions concerning the etiology and treatment of these problems. This presentation will cover new data on these topics. The role of foreign bodies including cement and titanium found in soft tissues surrounding implants affected by these diseases will be discussed. The effect of early and late colonizing bacteria on the implant surfaces and their role in the production of these foreign bodies will also be detailed. New therapeutic modalities will be discussed including appropriate methods for removing biofilm from infected implant surfaces and how these approaches may or may not result in new attachments to implant surfaces previously covered with biofilm.

Learning Objectives

- New concepts in treating peri-implant diseases
- The role of cement in these processes and how to ameliorate the problem.
- The possible role of titanium particles in the etiology of these diseases.
- Current approaches for treating these diseases.

GRADUATE STUDENT EVENT

SATURDAY, FEBRUARY 23, 2019, 4-5 PM

ADMISSION IS FREE

“MSP Talks”

Dr. Kelly Hill, DDS, MSD. “Transition from Residency to Practice Owner”

Dr. Ebone Jordan DDS, MS : “Life at the DSO: what you need to know”

Dr. Vrisiis Kofina, DDS, MS : Answering common resident questions: Preparing for academic position applications”

Dr. Tricia Crosby DDS, MS. “What type of associate am I looking for from the owner’s point.”

Moderator: Yusuke Hamada, DDS, MSD.

We will take questions from audience at the end.

Each Presenter will be talking 7-9mins.

UNIVERSITY OF DETROIT MERCY

Graduate Periodontics Program

Departmental News:

We had a productive year at the University of Detroit Mercy successfully graduating our 12th cohort of residents (Class of 2018).

All three residents of the class of 2017 successfully obtained their Diplomate status from the American Board of Periodontology. Thus, our sincere congratulations to Dr. Filip Ambrosio, Dr. Kristyn Hope and Dr. Monica Lamble for their great accomplishments.

Dr. Donald Sherman has entered into his 53rd year of teaching at the University of Detroit Mercy. We are especially grateful for his dedication and continuous support of the Graduate Periodontics Program.

Awards and Grants:

Dr. Bassam Kinaia was a recipient of the prestigious 2018 AAP award for Outstanding Teaching and Mentoring in Periodontics.

Dr. Yung-Ting Hsu was a recipient of the 2018 osteology education grant for Osteology Research Academy.

Graduate Class of 2018:

At UDM Graduate Program we celebrated the graduation of the class of 2018 in June. Dr. Karishma Choksi (Chief Resident) will be joining the University of Detroit Mercy School of Dentistry as a part-time faculty. Dr. Krupa Patel will be practicing as a full-time associate in Sterling Heights and Rochester, MI. Dr. Abdullah Othman will be joining the Accelerated DDS program at the University of Detroit Mercy School of Dentistry.

All three residents successfully completed their Certificates in Advanced Graduate Studies in Periodontics and earned their Masters of Science degrees. Congratulations to our 2018 graduates on their achievements. We wish them all the best in their endeavors and look forward to their future success in becoming ABP Diplomates.

Incoming Graduate Residents:

We recently welcomed our new first year residents into the Graduate Periodontics family, the class of 2021:

Dr. Khashayar Azimi who received his D.D.S. from the University of Detroit Mercy School of Dentistry, Michigan in 2018. After graduation, he was accepted into the UDM Graduate Periodontics Program.

Dr. Andrea Lopez-Torres Silva received her D.M.D. from the University of Puerto Rico, San Juan in 2017. She then attended a GPR residency at Montefiore Medical Center in New York before being accepted into the UDM Graduate Periodontics Program.

Dr. Tinisha Notice received her D.D.S. from the University of Southern California, California in 2016. She then attended New York University Lutheran AEGD residency and later private practice in Arizona before being accepted into the UDM Graduate Periodontics Program.

Recent Publications:

Neely AL, Choksi K, Othman A, Patel K, Zhou Z, Kinaia BM. Atypical Clinical Presentation of Pemphigus and Its Management: A Case Report. *Clin Adv Periodontics*. 2018;0:1-6.

Neely AL and Maalhigh-Fard A. Successful Management of Early Peri-Implant Bone Loss Using a Multidisciplinary Approach. *Clin Adv Periodontics*. 2018;8:5-10.

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CONTINUED

Hsu YT. Research in Focus- Flap and Soft Tissue Management around Nature Dentition and Implants. Journal of Taiwan Academy of Periodontology. 2018; 23(1):3-5.

Kinaia BM, Ambrosio F, Lamble M, Hope K, Shah M, Neely AL. Soft Tissue Changes Around Immediately Placed Implants: A Systematic Review and Meta-analyses With at Least 12 Months Follow up After Functional Loading. J Periodontol. 2017;88:876-886.

Kinaia BM, Hope K, Zuhaili A, Tulasne JF. Full-Mouth Rehabilitation with Calvarium Bone Grafts and Dental Implants for a Papillon-Lefèvre Syndrome Patient: Case Report. Int J Oral Maxillofac Implant. 2017;32:e259–e264.

Ambrosio F, Gadalla H, Kapoor N, Neely A, Kinaia BM. Surgical Lip Repositioning Procedure to Correct Excessive Gingival Display: A Case Report of Identical Twins. Clin Adv Periodontics. 2018;8:48-53.

Hsu YT, Al-Hezaimi K, Galindo-Moreno P, O'Valle F, Wang HL. Effects of Bone Morphogenetic Protein-2 on Vertical Bone Augmentation in a Canine Model. Journal of Periodontology. 2017; 88(9):896-905.

Hsu YT and Levin L. Research in Focus- - Prevention and Treatment of Peri-Implant Diseases. Journal of Taiwan Academy of Periodontology. 2017; 22(4):293-295.

Poster Presentations:

Korkis S, Sherman D, Neely AL, Kinaia BM. Correcting a Peri-Implant Mucogingival Defect Using a Modified Gingival Graft. 1st place poster at the Michigan Periodontal Association meeting in February 2018 - Outstanding Soft Tissue Augmentation Category.

Gupta V, Kinaia BM, Neely AL. Surgical Management of Peri-Implantitis: A Case Report. 1st place poster at the Michigan Periodontal Association meeting in February 2018 - Outstanding Periodontal/Peri-Implant Disease Control Category.

Kinaia BM, Pham C, Gadalla H, Naqvi K, Haddow M, Shah M, Neely AL. Efficacy of rhBMP-2 in Alveolar Ridge Augmentation, Ridge Preservation and Sinus Lift Procedures: A Systematic Review and Meta-Analyses. Presented at the 103rd American Academy of Periodontology Meeting on September 9-12, 2017 (2750944).

Gadalla H, Kinaia BM, Al-Qawasmi R. Changing of Soft Tissue Profile in Gummy Smile Patients By Lip Repositioning. Presented at the 103rd American Academy of Periodontology Meeting on September 9-12, 2017.

Sego T, Hsu YT, Chu TM, Tovar A. Numerical Prediction of Bone Density around Dental Implant. Ramfjord Symposium 2018.

Hsu YT, Nair M, Angelov N, Lee CT. The Impact of Diabetes Mellitus on Clinical Outcomes of Non-Surgical Periodontal Therapy: a Systematic Review and Meta-analysis. AADR annual meeting 2018.

Sego T, Hsu YT, Chu TM, Tovar A. Multiscale Modeling of Peri-implant Bone Remodeling using Finite Element Analysis. AADR annual meeting 2018.

We all wish the district IV graduate programs a successful year ahead.