

Thinking ahead. Focused on life.



# Erwin AdvErL EVO

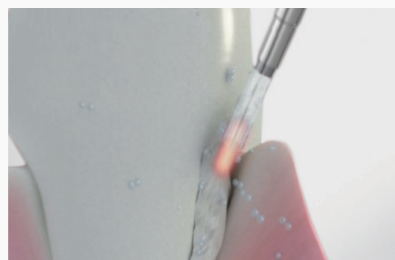
The Er:YAG laser eliminates vibration and is attracting considerable attention as a new treatment method. Morita's AdvErL EVO, an Er:YAG laser, combines a stylish design with all the essential features of a laser treatment unit. With a wide variety of contact tips and great operability, this laser is useful for many types of treatment, and is an efficient clinical instrument.



Caries removal



Gingival incision and excision



Removal of subgingival calculi

Sales Name: Erwin AdvErL Generic Name: Er:YAG laser Medical Device Classification: Specially Controlled Medical Devices (Class III) Medical Device Requiring Special Maintenance Management Medical Device Approval Number: 21500BZZ00720000  
Sales Name: Lasertip Generic Name: Contact Tip for Laser Medical Device Classification: Specially Controlled Medical Devices (Class III) Medical Device Approval Number: 21500BZZ00721000

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## The 9<sup>th</sup> Pan Pacific Session

# 2024

San Diego  
Convention  
Center



DATE

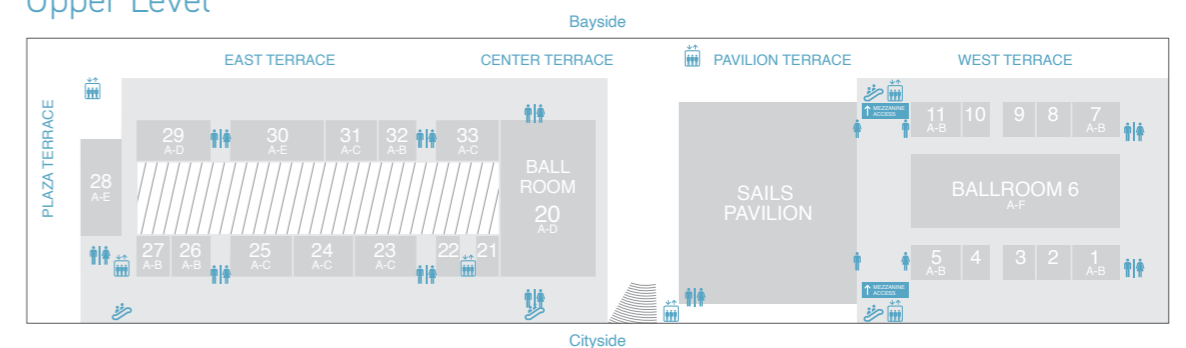
10.31 (Thu) 8:00~12:00

PLACE

San Diego Convention Center

111 Harbor Dr San Diego, CA 92101

### Upper Level



Bayside

Cityside

# The 9<sup>th</sup> Pan Pacific Session 2024

## Seminar Description

The Pan Pacific Session is a session organized by the Japanese Academy of Clinical Periodontology and the Taiwan Academy of Periodontology.

The main theme of the 9th Pan Pacific Session will focus on “Innovative approach in Periodontics and Implantology”.

The session will feature a broad range of leading speakers representing the AAP and the Periodontal Academies of Japan and Taiwan. Lectures will be clinical presentation and reflect variety of innovative approach for periodontal treatment and dental implants.

## Time schedule

08:00 - 08:05	Opening Remarks (JACP President: Hidetaka Kimura)
Session 1: Moderator: Dr. Teresa Chanting Sun (TAP)	
08:05 - 08:30	Speaker 1 TAP: Dr. Hsuan-Hung Chen
08:30 - 08:35	Q & A
08:35 - 09:00	Speaker 2 TAP: Dr. Chun-Jung Chen
09:00 - 09:05	Q & A
09:05 - 09:30	Speaker 3 JSP: Dr. Shogo Maekawa
09:30 - 09:35	Q & A
09:35 - 09:50	Break
Session 2: Moderator: Dr. Takahiro Taniguchi (JACP)	
09:50 - 10:15	Speaker 4 JACP: Dr. Shota Tsuji
10:15 - 10:20	Q & A
10:20 - 10:45	Speaker 5 JACP: Motomu Kudo
10:45 - 10:50	Q & A
10:50 - 11:25	Speaker 6 AAP: Dr. Philip Y. Kang
11:25 - 11:30	Q & A
11:30 - 11:40	Closing Remarks (TAP President: Dr. Ren-Yeong Huang )

SPEAKER 1

08:05 - 08:30



## Hsuan-Hung Chen

- Attending Physician, Division of Periodontology, Department of Stomatology, Taipei Veterans General Hospital, Taipei, Taiwan.
- Lecturer, Department of Dentistry, School of Dentistry, National Yang Ming Chiao Tung University, Taipei, Taiwan
- Clinical Fellow, Division of Periodontology, Department of Oromaxillofacial Sciences, School of Dentistry, University of California San Francisco, San Francisco, CA, USA
- Director, Taiwan Academy of Periodontology, Taipei, Taiwan

## Survival Rate of Teeth Adjacent and Non-adjacent to Dental Implants.

Dental implants, offering sustainable long-term function and esthetics, have become an increasingly popular choice for replacing missing dentition. However, dental implants and implant restorations have a negative effect on the longevity of adjacent teeth. A higher need for further treatment for teeth adjacent to dental implant, such as some forms of restorative treatment or root canal treatment, was reported. In addition, a higher complication rate was found in teeth adjacent to implants including caries, fracture, and hypermobility. Therefore, the positioning of teeth adjacent to dental implants may serve as a local factor influencing the long-term prognosis of natural teeth.

SPEAKER 2

08:35 - 09:00



## Chun-Jung Chen

- Former Academic Chairperson of Taiwan Academy of Periodontology, Taiwan
- Former Education Delegate of ITI Section Taiwan
- Chairperson of ITI Section Taiwan
- Directors of Taiwan Academy of Periodontology, Taiwan
- Director of Periodontal Division, Department of Dentistry, Chi-Mei Medical Center, Taiwan

## Ridge Preservation in Periodontally Compromised Patient

Sufficient hard and soft tissue volume are the keys for long-term success of implant therapy. However, severe ridge deficiency after tooth loss might compromise implant placement, especially in periodontally compromised patients.

Several surgical techniques have been used for reconstruction of these defects. However, post-surgical complications, time consuming and more expense are concerned from patients' point of view. This presentation will show the rational of ridge preservation and the clinical benefits of ridge preservation in periodontally compromised patients.

SPEAKER 3

09:05 - 09:30



## Shogo Maekawa

- Assistant Professor, Department of Periodontology, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University
- Board-Certified Periodontist, Japanese Society of Periodontology

## Key Updates and Challenges for Modern Periodontal Surgery

In recent decades, periodontal surgical procedures have been advancing owing to updates in and development of various biomaterials as well as the abundant emergence of new surgical techniques. Moreover, the widespread use of microscopes in treatment and the progress of digital technology have contributed to the evolution of periodontal treatment, especially in the areas of periodontal regeneration and plastic surgery. These advances have enabled the preservation and function of teeth affected by severe periodontitis, which would have been otherwise difficult to save. Even though prognosis and actual outcome of periodontal treatment has improved, we often encounter challenging situations in determining appropriate treatment methods and selection of biomaterials.

In this presentation, recent periodontal regenerative/plastic surgeries will be reviewed, and key updates and challenges in periodontal surgery will be discussed in the interest of improving predictability and long-term success of periodontal treatment.

SPEAKER 4

09:50 - 10:15



## Shota Tsuji

- Private Practice, Osaka, JAPAN
- Department of Periodontology and Regenerative Dentistry, Graduate School of Dentistry Osaka University
- Diplomate, American Board of Periodontology

## Interproximal attachment gain in aesthetic zone: Impact of tissue engineering concept

Periodontal tissue deficiencies in the aesthetic zone are often problematic since patients' aesthetic demands have been increasing. Periodontal regenerative therapy is indicated for intrabony defects, hence attachment gain in the interdental area, including horizontally lost interdental papillae, is unpredictable, even though interdental papillae are often lost due to either periodontitis or periodontal treatment. Recently, some studies have demonstrated successful results for periodontal regeneration in supra-alveolar-type defects. By utilizing appropriate surgical techniques and biomaterials, there may be potential for regeneration in supracrestal bone defects. This presentation will discuss a new surgical approach for both interdental attachment gain and papilla regeneration in compliance with the tissue engineering concept for the treatment of a patient with severe papilla destruction in the esthetic zone.

SPEAKER 5

10:20 - 10:45



## Motomu Kudo

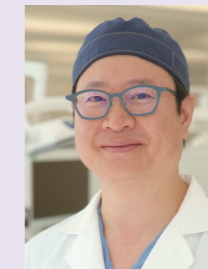
- Private Practice, Tokyo
- Department of Periodontology, Tokyo Medical and Dental University
- Board-Certified Periodontist, Japanese Society of Periodontology
- Board-Certified Implantologist, Japanese Society of Oral Implantology

## Periodontal Regenerative therapy Assisted with Digital Aligner Orthodontics

Generalized Periodontitis Stage 4 patients need periodontal regenerative surgery for bone defects, orthodontic treatment for pathologic tooth migration, and implant treatment for multiple tooth loss. In recent years, periodontal regenerative surgery has been developed by improvements in microscopes, micro instruments, flap designs, and many kinds of regenerative biologics. On the other hand, orthodontic treatment is expected to have a synergistic effect with periodontal regenerative therapy. Technological developments such as digital advances, CBCT analysis, and guided surgery for Implant placement made it possible for us to provide precise Periodontic, Orthodontic, and Prosthodontic treatment. In this presentation, I want to introduce the SIMBO (Strategic Implant placement Before Ortho) technique and Perio-Ortho Synergistic new concept, "Periodontal Regenerative therapy Assisted by Digital Aligner Orthodontics" for Periodontitis Stage 4 patients.

SPEAKER 6

10:50 - 11:25



## Philip Y. Kang

- Professor and Director of Postgraduate Periodontics at Columbia University College of Dental Medicine
- Clinical Assistant Professor at the University of Pennsylvania
- Chair of the Postgraduate Directors Committee for AAP
- Co-chair for the In-Service Examination Committee for AAP
- Vice President for the Northeast Society of Periodontists
- Diplomate, American Board of Periodontology

## Myths and Realities of Lasers: Why Is There So Much Controversy?

Various dental laser wavelengths have emerged as adjunct tools to treat periodontitis and peri-implantitis. However, tremendous heterogeneity in treatment outcomes and controversy still remain. Pertaining to peri-implantitis treatment, even more conflicting data exists in both clinical and research settings. While the recent American Academy of Periodontology Best Evidence Consensus has demonstrated little benefit with the use of lasers, an increasing number of clinicians are employing laser therapy in their practices, and more practitioners are convinced with positive clinical outcomes. This presentation will highlight an unbiased review of various lasers, challenges associated with clinical research, currently available scientific evidence, and future directions.

LEARNING OBJECTIVES: After this presentation, participants can be expected to:

- become familiar with commonly-used lasers in periodontics;
- develop an understanding of how different lasers work;
- understand the advantages and disadvantages of various lasers;
- understand why there is confusion and controversy among clinicians;
- appreciate how lasers can change the way periodontists treat patients;
- learn future directions.