



Asia Pacific Division (APD) Webinar Series On Photonic (Laser or light-based) Dentistry

The Asia Pacific Division Committee invite you to attend a complimentary Webinar Series via Zoom.

Webinar #21

9:00 – 10:00 pm Tokyo (JST) | Friday, November 11th 2022

<https://us02web.zoom.us/j/84413122085?pwd=WUpkYk9QOEJ2b3BPNndjUjA4TWU2dz09>

Webinar #22

9:00 – 10:00 pm Tokyo (JST) | Friday, December 16th 2022

<https://us02web.zoom.us/j/83832741424?pwd=ODRjY0xWdDd2dXpqcEVjSDgvMGtQdz09>

Presented by:

**Lasers in Dentistry Research Group- Khon Kaen University
Can Tho University of Medicine and Pharmacy, Vietnam**

Moderators :

Prof Sajee Sattayut and Dr Thao Thi Do

Host:

Dr Shigeyuki Nagai | PhD, DDS

The attendance for this webinar is free!

If required, a certificate detailing the number of CPD points will be issued after the last webinar in Dec 2022 with a fee of 30 euros for non-WFLD members and 10 euros for WFLD members. To record your attendance, please scan the QR code at the end of each webinar and complete the evaluation form.

APD Webinar #21 Friday 11th November 2022

**Title Photocoagulation technique in relation to post-operative complications
"Challenging technique for achievement of patient satisfaction"**

Photocoagulation technique has been used as a treatment of choices for oral vascular malformations due to its effectiveness and safety for remission of the lesion without ablative effect. However, heat accumulation from multiple irradiations resulted reasonably post-operative complications, such as swelling, ulceration and discomfort. These may compromise the patient's quality of life during the recovery period. We are presenting the techniques and outcomes obtained from photocoagulation technique in order to achieve the patient satisfaction.

APD Webinar#22 Friday 16th December 2022

**Title Transferring photocoagulation technique by Telehealth
"Makes possible clinical practice via international online connection"**

We are presenting the new paradigm of transferring laser therapy via international online connection enhancing precise medicine and seamless health care. To treat Vietnamese patient suffering from oral vascular malformations, photocoagulation technique from Lasers in Dentistry Research Group, Khon Kaen University, Thailand was selected and transferred to Can Tho University of Medicine and pharmacy, Vietnam via telehealth. This model included preparation processes, online-laboratory simulation, LIVE-operation and discussion. Now, we make possible in transferring photocoagulation technique by Telehealth.



MR. SUWAT TANYA, DDS, Grad Dip in Clin Sci (Prosthodontics)

-Currently, PhD student in Oral Sciences and Researcher at Lasers in Dentistry Research Group (LDRG), Faculty of Dentistry, Khon Kaen University (KKU), Thailand

Experience in Laser dentistry

- since 2020, successfully passed the international course of laser dentistry held by LDRG, KKU and experienced in laser therapies for 3 years, especially for caring geriatric patients

- field of interest: photobiomodulation, photodynamic therapy, clinical research, geriatrics dentistry

Academic position

- lecturer at General Dentistry Division, Department of Family and Community, Faculty of Dentistry, Chiang Mai University, Thailand



MR. PHAN BA LOC, DDS, MS

Experience in Laser in dentistry: 2020, attended and passed the International Course about Lasers in dentistry held by LDRG, KKU. 3 years of using lasers in dentistry, especially in vascular malformation treatment. Fields of interest: photodynamic therapy, photocoagulation, photobiomodulation, applying laser in minor oral surgery.

Academic position: Lecturer, Department of Oral and Maxillofacial Surgery, Can Tho University of Medicine and Pharmacy, Vietnam



Ha Thai Dam, DDS, MSc

- PhD student in Oral Science, Faculty of Dentistry, Khon Kaen University, Khon Kaen, Thailand
- Member of Lasers in Dentistry Research Group (LDRG), Faculty of Dentistry, Khon Kaen University, Khon Kaen, Thailand

- Lecturer, Department of Endodontic and Restorative, Faculty of Odonto Stomatology, Can Tho University of Medicine and Pharmacy, Can Tho, Viet Nam

"Photobiomodulation seems to me to be "magical". Laser therapy is a non-invasive method that results in less bleeding and improves clinical outcomes by expediting wound healing, particularly in the surgical region and surrounding soft tissues."



Dr. Shigeyuki Nagai DDS, PhD

Dr. Shigeyuki Nagai received his DDS from the Osaka Dental University, Japan in 1987 and studied at the Harvard School of Dental Medicine as a Clinical Fellow from 1989-1992. He practiced at the Massachusetts Veterans Administration Medical Center and Massachusetts General Hospital in 1991. He received his PhD from Tokyo Medical and Dental University. Dr. Nagai serves as a Board member of the Japanese Society

for Laser Dentistry, Asia and Pacific Division of the World Federation for Laser Dentistry and Vice President of the Japanese Academy of Color for Dentistry. He served as the board member of Academy of Laser Dentistry from 2010-2018. He is a committee member of the Japan Academy of Esthetic Dentistry, Japan Society for Laser Surgery and Medicine, and Japan Association of Microscopic Dentistry. He was awarded the Leon Goldman Award for Clinical Excellence in Laser Dentistry from the Academy of Laser Dentistry in 2010, the Excellent Presentation Prize of the Japanese Academy of Color for Dentistry in 2008 and Dr. Glenda Payas Outstanding Educator Award from the Academy of Laser Dentistry in 2022. Dr. Nagai maintains a full-time private dental practice in Tokyo, Japan. Dr. Nagai is visiting lecturer at Tokyo Medical and Dental University Photoperiodontics, Department of Periodontology.



Professor Sajee Sattayut PhD, DDS (First Class Honors)

Oral and Maxillo-facial Surgeon

Head of Lasers in Dentistry Research Group, Khon Kaen University since 2011

Vice Director of Asia Pacific Division, World Federation for Laser Dentistry (WFLD), since 2015

Vice President of Thailand Association for Laser Medicine and Surgery, since 2018

Advisor, WFLD, Executive committee since 2018

Thailand country representative, WFLD, since 2007

Member of Editorial Board of Laser Therapy Journal

Editor-in-chief, Gerontology and Geriatric Medicine Journal, since 2017.



Dr DO Thi Thao, DDS, MSC, PhD

Vice Dean, Faculty of Odonto-Stomatology and Head of Oral Pathology and Periodontology, Can Tho University of Medicine and Pharmacy, Vietnam. She has numerous national and international presentations and publications. Textbooks: Do Thi Thao (2020), Oral and Maxillofacial Diseases, Medical Publishing House, (Vietnamese). Honors and Awards: Tailor Made Programme Problem – Based Learning, Can Tho University, Vietnam and Radboud University, The Netherlands 2008-2009; The 5th International Workshop on Clinical Research Methods in Oral Health, Hoi An, Quang Nam, Vietnam 2014; Summer Institute in Clinical Dental Research Methods, School of Dentistry, University of Washington, Seattle, USA 2014.