

# International Pre-congress of Dental Sleep Medicine

Topic : "Revolutionizing Dental Care:  
Tackling Adult and Pediatric  
Obstructive Sleep Apnea"



## Conference & Hands-on Workshop

**ALL TOPICS WILL BE CONDUCTED  
IN ENGLISH!**

Siriraj Medical Research Center,  
Faculty of Medicine Siriraj Hospital,  
Mahidol University, Bangkok, Thailand

**19th - 20th November 2024**



Professor Stanley Yung Liu  
MD, DDS, FACS



Professor Audrey Yoon  
DDS, ABO, ABDSM



Dr. Shereen Lim DDS



Professor Naricha Chirakalwasan  
MD, FAASM, FAPSR



Professor Wish Banhiran MD, ABSM,  
Certified International Sleep Specialist



Associate Professor Visasiri Tantrakul  
MD, PhD



Assistant Professor Supanigar Ruangsri  
DDS, MSc, PhD



Associate Professor Supakit Peanchitlertkajorn  
DDS, ABO, ABDSM



Associate Professor Somsak Mitrirattanakul  
DDS, PhD, Dip. ABOP



Assistant Professor Premthip Chalidapongse  
DDS, PhD, International Certificatant ABDSM

### Hands-on workshop instructors

only 40 attendees for hands-on workshop

Assist. Prof. Supanigar Ruangsri, Dr. Thaviporn Limrachtamorn  
Dr. Sakarin Tangpothitham, Dr. Pankaew Yakkaphan, Assoc. Prof. Chayanit Chaweewannakorn  
Assoc. Prof. Chidsanu Changsiripan, Dr. Prangtip Potewiratnanond, Dr. Nattakarn Hosiriluck  
Assoc. Prof. Supakit Peanchitlertkajorn, Dr. Nattapon Prengsukarn  
Assoc. Prof. Somsak Mitrirattanakul, Assist. Prof. Premthip Chalidapongse



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scientific program

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Topic : Revolutionizing Dental Care:  
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## Meet speakers



### Professor Stanley Yung Liu MD, DDS, FACS

- Chair and Associate Professor, Department of Oral and Maxillofacial Surgery, Assistant Dean of Hospital Affairs Nova Southeastern University College of Dental Medicine, USA
- Previous Chief of Service, Oral & Maxillofacial Surgery, Stanford Healthcare, Stanford, CA, USA
- Previous Director of the Sleep Surgery Fellowship at Stanford, where he trains postgraduate otolaryngologists in various sleep surgery techniques.



### Professor Audrey Yoon DDS, ABO, ABDSM

- A distinguished orthodontist and pediatric dentist specializing in sleep medicine. She holds multiple academic positions, including Clinical Professor Sleep Medicine, Department of Psychiatry and Behavioral Science, Stanford University, School of Medicine, Clinical Assistant Professor and Program Director, Pacific Dental Sleep Medicine Fellowship Department of Orthodontics, Craniofacial Research Instrumentation Lab, University of the Pacific Arthur A. Dugoni School of Dentistry
- She is the President of World Dentofacial Sleep Society
- She is a diplomate of both the American Board of Orthodontics and the American Board of Dental Sleep Medicine.



### Dr. Shereen Lim DDS

- A Perth based dentist with a post graduate diploma in dental sleep medicine from the University of Western Australia.
- Author of Breathe, Sleep, Thrive: Discover how airway health can unlock your child's retire health, learning and potential.



### Professor Naricha Chirakalwasan MD, FAASM, FAPSR

- She is a Professor in the Pulmonary and Critical Care Division at the Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand, and directs the International Sleep Medicine Fellowship Program. She holds board certifications in Sleep Medicine, Critical Care Medicine, Pulmonary Medicine, and Internal Medicine from the American Board
- She will cover the definition, clinical manifestations, and treatment options for obstructive sleep apnea (OSA), as well as explain four distinct endotypes that influence treatment methods based on PLAM concepts.



### Professor Wish Banhiran MD, ABSM, Certified International Sleep Specialist

- Professor in the Otolaryngology division, department of Otolaryngology and at the Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand. He holds American Board of Sleep Medicine certified international sleep specialist, certificated registered polysomnographic technologist and Diploma of the Thai Board of Otorhinolaryngology-Head and Neck Surgery.
- He will discuss combination therapy benefits, identifies eligible patients, implements effective methods.



### Associate Professor Visasiri Tantrakul MD, PhD

- She is an Associate Professor in Sleep Medicine Division at Ramathibodi Hospital, Mahidol University, Bangkok, Thailand, and holds board certifications in Sleep Medicine (International Sleep specialist, WASM) and Behavioral Sleep Medicine (AASM), Pulmonary and Critical Care Medicine, and PhD in Clinical Epidemiology and Biostatistics.
- She will explain how to identify and extract relevant data from sleep tests, correlate clinical findings with sleep test data, and recognize factors that may affect data collection and lead to misinterpretation of sleep test results.



### Assistant Professor Supanigar Ruangsri DDS, MSc, PhD

- She is an Assistant Professor in the Department of Oral Biology and specializes in Orofacial Pain and Dental Sleep Medicine at the Faculty of Dentistry, Khon Kaen University, Thailand.
- She will discuss screening for obstructive sleep apnea (OSA) and taking sleep histories in dental practice, as well as thoroughly evaluating at-risk craniofacial, oropharyngeal, and intraoral characteristics.



### Associate Professor Supakit Peanchitlertkajorn DDS, ABO, ABDSM

- He is an Associate Professor in the Department of Orthodontics at the Faculty of Dentistry, Mahidol University, Bangkok, Thailand, and holds board certifications from the American Board of Orthodontics and the American Board of Dental Sleep Medicine
- He will discuss characteristics and mechanisms of oral appliances and assessing their efficacy and treatment success.



### Associate Professor Somsak Mitrirattanakul DDS, PhD, Dip. ABOP

- He is an Associate Professor in the Department of Masticatory Science at the Faculty of Dentistry, Mahidol University, Bangkok, Thailand, and holds the American Board of Orofacial Pain certification.
- He will discuss clinical guidelines for bidirectional referral with sleep physicians, integrating oral appliances in digital and conventional bite registration, and managing acclimatization, titration, and follow-up processes.



### Assistant Professor Premthip Chalidapongse DDS, PhD, International Certificant ABDSM

- She is an Assistant Professor in the Oral Medicine Division, Department of Diagnostic Science at the Faculty of Dentistry, Prince of Songkla University, Hat-Yai, Songkhla, Thailand, and serves as a clinical consultant at the Orofacial Pain and Dental Sleep Medicine Clinic. She is certified by the American Board of Dental Sleep Medicine and the Thai Board of Occlusion and Orofacial Pain."
- She will discuss the side effects of oral appliances and their management.

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## REGISTRATION FEE

Early bird rate  
until 15th October 2024

Registration rate  
after 15th October 2024

Registration type	Conference	Conference & Workshop	Conference	Conference & Workshop
International Dental, Medical Practitioners:	185 USD	300 USD	230 USD	375 USD
International Residents, Dental assistant, Dental staff:	130 USD	210 USD	165 USD	265 USD
Thai Dental, Medical Practitioners: Member / Non-member	4,000 / 5,500 Baht	6,500 / 8,000 Baht	5,000 / 6,500 Baht	8,000 / 9,500 Baht
Thai Residents, Dental assistant, Dental Staff: Member / Non-member	2,800 / 3,800 Baht	5,300 / 6,300 Baht	3,500 / 4,500 Baht	6,600 / 7,600 Baht

- Join membership with application fee 1,000 Baht life time for Thai medical practitioner and 500 Baht for other professionals
- Resident in training must have a proof from school (Director of course or Head of department)
- Dental assistant / dental staff must have a proof from clinic or organisation
- Email: dental.sleep2024@gmail.com
- Contact for Thai attendees: Miss Thanaporn Rattanatakul
- Email: dental.sleep2024@gmail.com Tel: +66967120005
- Contact for International attendees: Dr. Pankaew Yakkaphan
- Email: dental.sleep2024@gmail.com Tel: +66815426907
- 10% discount for international delegate group registration 3 persons or more
- CE.....credit from Thai Dental Council, Thai Medical Council and Thai Nurse Council



Registration



Scientific Program

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**Day1: Tuesday, November 19th, 2024: Conference**



Siriraj Medical Research Center, Faculty of Medicine Siriraj Hospital, Mahidol University, BKK, Thailand

Time	Topic	Speaker
8.00-8.15	Welcome address	President of the Thai Society of Sleep Medicine
8.15-8.45	OSA endotype model	Naricha Chirakalwasan MD, FAASM, FAPSR
8.45-9.15	Understanding clinical meaning in a sleep test	Visasiri Tantrakul MD, PhD
9.15-9.30	Q&A Session	Thiprawee Chattratrai DDS, PhD (Moderator) Siew Peng Neoh DDS (Moderator)
9.30-9.50	<b>Coffee break</b>	
9.50-10.20	Screening and assessment at risk of OSA in dental practice	Supanigar Ruangsri DDS, MSc, PhD
10.20-11.00	A Comprehensive Approach to Sleep Surgery Explained via Imaging & Endoscopy	Stanley Yung Liu MD, DDS, FACS
11.00-11.40	Oral appliances treatment for adult OSA	Supakit Peanchitlertkajorn DDS, ABO, ABDSM
10.40-11.55	Q&A Session	Thiprawee Chattratrai DDS, PhD (Moderator) Siew Peng Neoh DDS (Moderator)
11.55-12.45	<b>Lunch symposium (Topic to be announced)</b>	
12.45-13.25	Patient workflow toward OA treatment	Somsak Mitrirattanakul DDS, PhD, Dip. ABOP
13.25-14.05	To Expand and to Advance: DOME & MMA for the OSA patient	Stanley Yung Liu MD, DDS, FACS

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## Day1: Tuesday, November 19th, 2024: Conference

Siriraj Medical Research Center, Faculty of Medicine Siriraj Hospital, Mahidol University, BKK, Thailand

Time	Topic	Speaker
14.05-14.20	Q&A Session	Thiprawee Chattrattraai DDS, PhD (Moderator) Siew Peng Neoh DDS (Moderator)
14.20-14.45	Coffee break	
14.45-15.25	Combination treatment of OSA in adult	Wish Banhrian MD, ABSM, Certified international Sleep Specialist
15.25-16.05	TMD pain and occlusal change from OAT	Premthip Chalidapongse DDS, PhD, International certificant ABDSM
16.05-16.20	Q&A Session	Thiprawee Chattrattraai DDS, PhD (Moderator) Siew Peng Neoh DDS (Moderator)

## Day2: Wednesday, November 20th, 2024: Conference

Siriraj Medical Research Center, Faculty of Medicine Siriraj Hospital, Mahidol University, BKK, Thailand

Time	Topic	Speaker
8.00-8.20	Hands-on workshop orientation	Premthip Chalidapongse DDS, PhD, International certificant ABDSM
8.20-9.00	Myofunctional therapy: Unlock airway health from infancy	Shereen Lim DDS (Virtual)
9.00-9.20	Coffee break	
9.20-10.00	Craniofacial development and respiratory functions	Audrey Yoon DDS, ABO, ABDSM (Virtual)

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## Day2: Wednesday, November 20th, 2024: Conference

Siriraj Medical Research Center, Faculty of Medicine Siriraj Hospital, Mahidol University, BKK, Thailand

Time	Topic	Speaker
10.00-10.40	Rapid maxillary expansion in children with OSA	Audrey Yoon DDS, ABO, ABDASM (Virtual)
10.40-11.00	Q&A Session	Chidsanu Changsiripan DDS, PhD Nuannapa Thiptirapong DDS, MSc
11.00-11.50	Lunch symposium (Topic to be announced)	

## Day2: Wednesday, November 20th, 2024: Hands-on Workshop

Siriraj Medical Research Center, Faculty of Medicine Siriraj Hospital, Mahidol University, BKK, Thailand

Moderator: Thiprawee Chattratrai DDS, PhD / Siew Peng Neoh DDS

Time	Topic	Speaker
12.00-12.30 (30min)	<b>Station 1:</b> History taking, understand the sleep report, establishing referral network and clinical assessment <ul style="list-style-type: none"><li>• Screening questionnaires/sleep history taking</li><li>• Sleep reports<ul style="list-style-type: none"><li>◦ Bidirectional referral to sleep doctors</li></ul></li></ul>	Supanigar Ruangsri DDS, MSc, PhD Thaviporn Limrachtamorn DDS  (Room 301)
12.30-13.00 (30min)	<b>Station 2:</b> Clinical assessment and recording <ul style="list-style-type: none"><li>• Craniofacial profile</li><li>• TMJ, masticatory muscle and mandibular movement examination</li><li>• Oropharynx and intraoral examination</li><li>• Occlusion examination</li><li>• Data recording</li></ul>	Sakarin Tangpothitham DDS Pankaew Yakkaphan DDS, PhD Chayanit Chawewannakorn DDS, PhD  (Room 304)

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Day2: Wednesday, November 20th, 2024: Hands-on Workshop

Time	Topic	Speaker
13.00-13.30  (15mins)	<b>Station 3.1:</b> Conventional bite construction for MAD <ul style="list-style-type: none"><li>Determine range of mandible movement</li><li>Choosing mandibular position for construction of MAD</li><li>Conventional bite registration for MAD with the George gauge</li></ul>	Supakit Peanchitlertkajorn DDS, ABO, ABDSM Nattapon Prengsukarn DDS  (Room 305)
	<b>Station 3.2:</b> Digital bite construction and digital workflow of MAD & MOG <ul style="list-style-type: none"><li>Determine range of mandible movement</li><li>Choosing mandible position for construction of MAD</li><li>Digital bite registration for MAD &amp; MOG</li><li>Digital workflow of OA</li></ul>	Chidsanu Changsiripan DDS, PhD Prangtip Potewiratnanond DDS, PhD Nattakarn Hosiriluck DDS, PhD  (Room 305)
13.30-14.00	<b>Station 4:</b> What is the effective titration range, Different OA with different methods and Morning Occlusal Guide (MOG) designs <ul style="list-style-type: none"><li>OA designs and delivery</li><li>Titration decision and methods</li><li>MOG designs</li></ul>	Somsak Mitrirattanakul DDS, PhD, Dip. ABOP Premthip Chalidapongse DDS, PhD, International Certificant ABDSM  (Room 303)
14.00-14.30	<b>Coffee Break</b> (Conference room, 1st Floor)	
14.30-15.50  (80 mins)	<b>Station 5:</b> Home sleep test is the method for monitoring OA effectiveness <ul style="list-style-type: none"><li>Demonstration hook up</li><li>Sleep polygraph</li><li>Sleep reports</li></ul>	(Room 301, 303, 304, 305)
	<b>Station 6:</b> Dental technicians are important to the success of OA treatment <ul style="list-style-type: none"><li>Conventional lab processing for MAD &amp; MOG</li><li>Digital lab processing for MAD &amp; MOG</li><li>Common mistakes in both lab procedures</li></ul>	
15.50-16.10	<b>Wrap up and Summary</b>	(Room 304, 305)