





## TELEMEDICINE AND AI IN SLEEP









**EMAIL** 

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**ORGANIZED BY** 

DEPARTMENT OF OTORHINOLARYNGOLOGY UNIVERSITI MALAYA MEDICAL CENTER, KUALA LUMPUR

Join us to celebrate and update ourselves on the latest technological trend and clinical practice in sleep medicine.

We cordially invite Medical Doctors, Specialists, Dental officers, Nurses, Sleep Techs and bioengineers to attend this conference to receive updates on latest trends on sleep medicine.

#### Our Co-Organizers













## **Esteemed Speakers**

































Topic	Time	Presenter		
Registration	0830-0900H	Management		
Opening Ceremony Welcoming Speech	0900Н-0945Н	Event Management		
Session 1 : Introduction and Sleep Technology				
Development of sleep medicine in Malaysia - A historical perspective	0945H-1005H	A/Prof Dr. Ahmad Izuanuddin Ismail President Sleep disorder Society of Malaysia		
ResMed AirView Telemedicine Platform	1005H-1025H	ResMed Inc.		
Artificial intelligence in ring tech for sleep apnea diagnosis and treatment follow-up	1025-1045H	Belun Technologies		
Breakfast break (1045-1100H)				

## Parallel session 1: PAP Therapy

Topic	Time	Presenter	
Tips and pearls in obtaining best PAP mask fit	1100H- 1120H	Sr. Rosmaliza binti Robi Rawatan Utama Klinik Am, Universiti Malaya Medical Center	
Artificial intelligence in Diagnositics and wearable devices for sleep medicine - Future trends	1120H- 1140H	Prof. Ir. Fatimah binti Ibrahim Biomedical Engineer Department of Biomedical Engineering. Faculty of Engineering, Universiti Malaya	
Remote PAP management in sleep apnea – How and for whom?	1140H- 1200H	Dr. Yong Mei Ching Respiratory Physician Department of Respiratory medicine Sarawak General Hospital Kuching, Sarawak	
Improving compliance of PAP therapy for sleep apnea - Future trends	1200H- 1220H	Dr. Lo Shan Min Respiratory Physician Department of Respiratory Medicine Hospital Queen Elizebeth Kota Kinabalu, Sabah	
Combined Morbility of insomnia and sleep apnea (COMISA) for patients under PAP therapy	1220H- 1240H	A/Prof Rusdi Abd. Rashid Psychiatrist Department of Psychiatry Faculty of Medicine, Universiti Malaya	
Narcolepsy : with or without sleep apnea?	1240H- 1300H	Prof Lim Kheng Seang Neurologist Department of Neurology Faculty of Medicine,Universiti Malaya	
Lunch + Symposium Phillips Telemedicine Care Orchestra system	1300H- 1400H	Dr. Soo Chun Ian Respiratory Unit Department of Medicine Faculty of Medicine, Universiti Malaya	
An outlook in the integration of telemedicine at a public university hospital	1400H- 1420H	Prof. Zulkiflee Abu Bakar Otorhinolaryngologist Department of Otorhinolaryngology Faculty of medicine Universiti Malaya	
Live Upper airway scope + PAP Application + Dental examination demonstration (Practical)	1420H- 1500H	Dr. Lo Shan Ming + Dr. Yong Mei Ching + Dental + ENT team	
Tea Break (1500H-1520)			
Panel Discussion (1520H-1620H) – Combined session			
Closing Ceremony			

## Parallel session 2: PAP Alternatives

Topic	Time	Presenter		
Paediatric Obstructive sleep apnea – When to approach surgically	1100H-1120H	A/Prof Jeyanthi Kulasegarah Paediatric Otorhinolaryngologist Department of Otorhinolaryngology Faculty of medicine Universiti Malaya		
Linguaflex Tongue Retractor - Tongue Base Suspension to treat OSA	1120H-1140H	Datuk Dr. Balwinder Singh Otorhinolaryngologist , Rhinologist and Sleep Surgeon KMI Taman Desa Medical Center		
Advancing the jaw and face - beauty versus function	1140H-1200H	Dr Kamil Hassan Oral & Maxillofacial Surgery Dept of Oral & Maxillofacial Clinical Sciences, Faculty of Dentistry, Universiti Malaya		
The role of orthodontists in the management of obstructive sleep apnoea	1200H-1220H	A/Prof. Lau May Nak Orthodontist Department of Orthodontics and paediatric dentistry Faculty of dentistry, Universiti Malaya		
Weight loss surgery – When is it Time?	1220H-1240H	Dr. Wong Wei Jin Upper GI Surgeon Department of Surgery Faculty of Medicine Universiti Malaya		
Differences in sleep practice between private care and government service	1240H-1300H	Dr Nur Hashima Abdul Rashid Otorhinolaryngologist Prince court medical center , Kuala Lumpur		
Lunch + Symposium				
Integrative approach in sleep medicine	1400H-1420H	Dr. Jeevanan Jahendran Otorhinolaryngologist Pantai Cheras Kuala Lumpur		
The blocked nose in Sleep apnea : What can we offer	1420H-1440H	Dr. Arvin Balachandran Otorhinolaryngologist and Rhinologist Bukit Tinggi Medical Center, Klang		
Mandibular advancement appliance - therapeutic position and titration?	1440H-1500H	Dr Chin Mei H'uah Department of Orthodontics Jalan Putra Dental Clinic, Teluk Intan, Perak		
Tea Break (1500H-1520)				
Panel Discussion (1520H-1620H) – Combined session				
Closing Ceremony				

#### **Platinum Sponsor**







#### **Gold Sponsor**







### Register here



#### NURSES , ALLIED HEALTH PROFESSIONAL AND LAB TECHNICIANS

PRIVATE PRACTITIONERS

MEDICAL DOCTORS , ENGINEERS AND ENTREPRENEURS

Ministry of health (KKM), Ministry of education (KPT)

200°

Sleep Technicians

Respiratory nurses

Lab technicians

Paramedics

350°

Family Physicians and Dental Practitioners

❷ Private Specialists

O Dental Specialists

Hospital Management

250°°

Medical officers

Bioengineers and Innovators

Fellows and Specialists

## **Beyond Barriers:**







Belun Sleep Platform is an Al-enabled FDA 510(k) cleared system for OSA\* diagnosis with sleep stages.

FDA 510(k) cleared medical devices for both

AHI is clinically validated with in-lab PSG :
Accuracy: 89%; Sensitivity: 91%; Specificity: 88%\*\*

Channels: Photoplethysmography (PPG), Pulse Rate, Heart Rate Variability, Oximetry & Actigraphy

Auto-scoring & raw data for manual scoring

Reusable on multiple patients, no consumable

No mobile phone is required

Multi-night study (max. 120 hours of data)

Clinical validation in the U.S. and Asian populations



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health, mental clarity, emotional balance, and peak performance. Prioritise your rest for a better life."

#### **Multidisciplinary Congress**

Respiratory - Otorhinolaryngology - Neurology - Psychiatry - Pediatric - Dentistry



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& Exhibition

# WORLD CONGRESS FOR ENDOSCOPIC SURGERY OF THE PARANASAL SINUSES, SKULL BASE, BRAIN AND SPINE

- 2<sup>nd</sup> Congress of College of Otorhinolaryngologists Head & Neck Surgeons
- 44th MSO-HNS AGM & 2nd CORLAMM AGM
- Launching of ASEAN Skull Base Society

