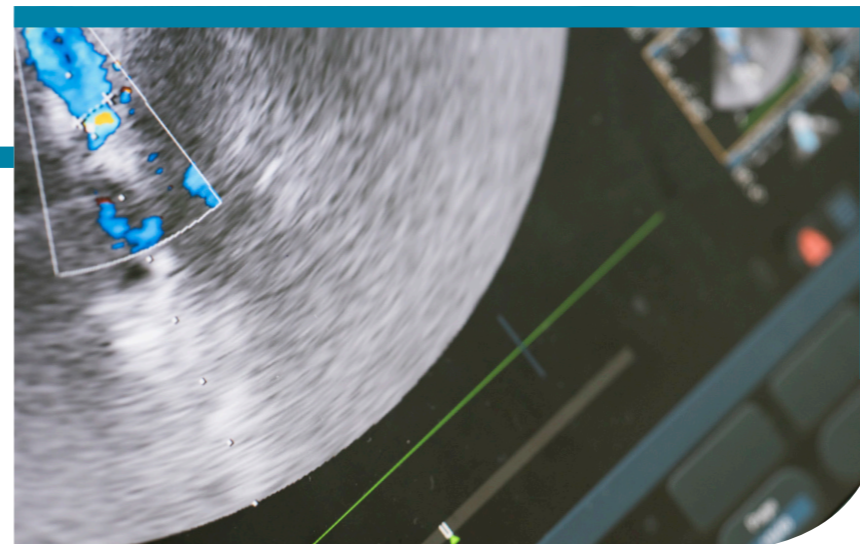


ARTeC 2019 will provide participants with practical learning points and a better understanding of using electrodiagnosis in neuromuscular disorders. The 2-day conference will also provide the emerging diagnostic field insights into high resolution ultrasound, used as an adjunct to electrodiagnosis and in treatment of neuropathies.

With a focused programme line-up and sharing from experts, ARTeC 2019 is the ideal platform to enhance your skill set, learn innovative approaches, as well as interact and communicate with peers and key opinion leaders in the world of neuromuscular medicine.

ABOUT + ARTeC 2019

4th ADVANCED REHAB TECHNOLOGY CONFERENCE (ARTeC)



11-12 SEP 2019
BITEC | Bangkok, Thailand



It is my privilege to announce that the 4th Advanced Rehab Technology Conference (ARTeC) will once again be held alongside MEDICAL FAIR THAILAND in September 2019.

Through the strong collaboration between Messe Düsseldorf Asia, Royal College of Psychiatrists of Thailand and Thai Rehabilitation Medicine Association, ARTeC has become a regular international event that encourages the sharing of new technologies for high quality rehabilitation.

Emerging technologies have now become a part of our daily practice. Under the theme of **"The Combination of Ultrasonography and Electrodiagnosis: An Innovative Approach to Neuromuscular Disorders"**, ARTeC 2019 will bring together experts to share their knowledge and experience in neuromusculoskeletal ultrasound and EMG.

It is my pleasure to invite you to join us at this conference towards discovering new technologies and application of ultrasound combined EMG for the benefit of mankind.

I look forward to giving you a warm welcome at ARTeC 2019 in Bangkok, Thailand.

Vilai Kuptniratsaikul, M.D.

President
The Royal College of Psychiatrists of Thailand and
Thai Rehabilitation Medicine Association

WHO SHOULD ATTEND

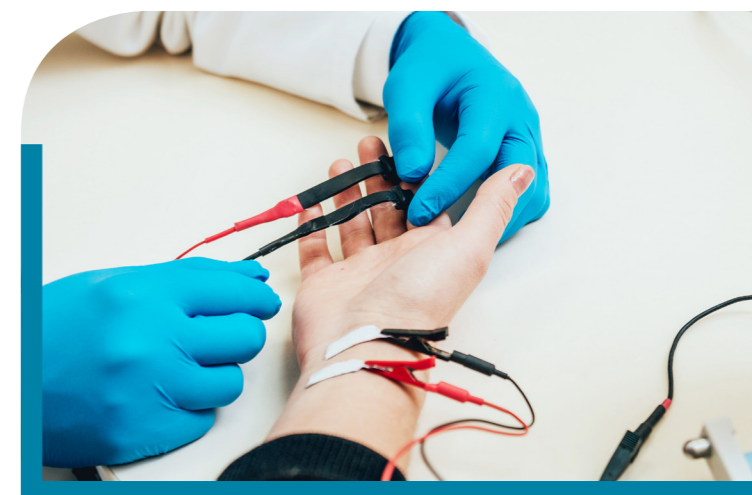
ARTeC 2019 is recommended for professionals who want to expand the ability to use either electrodiagnosis or ultrasound for approaching the nerve or muscles abnormalities, **especially:**

- + Rehabilitation doctors
- + Neurologists
- + Neurophysiologists
- + Radiologists

THE COMBINATION OF ULTRASONOGRAPHY + ELECTRODIAGNOSIS: AN INNOVATIVE APPROACH TO NEUROMUSCULAR DISORDERS

Since its first edition in 2013, the Advanced Rehab Technology Conference (ARTeC) has become the benchmark event in Thailand on the latest in rehabilitation technology and its applications in helping healthcare professionals provide better quality of life for patients.

Co-located with the region's largest international medical and healthcare exhibition - MEDICAL FAIR THAILAND - the 4th edition of ARTeC focuses on the theme **The Combination of Ultrasonography and Electrodiagnosis: An Innovative Approach to Neuromuscular Disorders** and will include lectures, panel discussions and demonstrations by world renowned industry thought leaders in their respective fields from the US, Canada and Thailand.



THAILAND'S LARGEST
INTERNATIONAL MEDICAL EXHIBITION

**BITEC,
BANGKOK**



9th International Exhibition on Hospital, Diagnostic, Pharmaceutical, Medical & Rehabilitation Equipment & Supplies

11-13 SEPTEMBER 2019 | BITEC, BANGKOK, THAILAND
WWW.MEDICALFAIR-THAILAND.COM

Moving to a new and bigger venue at BITEC, Bangkok, MEDICAL FAIR THAILAND, established since 2003, continues on its successful growth path as Thailand's largest international exhibition for sourcing and networking for the medical and healthcare industry!

Concurrent exhibition:



For enquiries:

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Plubla, Wangthonglang
Bangkok 10310, Thailand
Tel (66) 2559 0856 to 8
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info@exposis.co.th

Jointly organized by:



The Royal
College of
Psychiatrists
of Thailand



CONFERENCE SPEAKERS +



Lawrence Robinson, M.D.

Professor and Chief, Physical Medicine & Rehabilitation
University of Toronto

Dr. Larry Robinson is Professor and Department Division Director for Physical Medicine and Rehabilitation at the University of Toronto and holds the John and Sally Eaton Chair in Rehabilitation Sciences. He is based at Sunnybrook Health Sciences Centre where he serves as Program Chief for Rehabilitation and Program Research Director.

He came to Toronto in 2014 from the University of Washington where he served as Chair of the Department of Rehabilitation Medicine and later as Vice Dean for Clinical Affairs and Post Graduate Medical Education. Dr. Robinson has published extensively on rehabilitation and electrodiagnosis with over 140 publications in the peer-reviewed literature. He is creator of the Combined Sensory Index (CSI or Robinson Index) and recently was awarded the Lifetime Achievement Award from the American Association of Neuromuscular & Electrodiagnostic Medicine (AANEM).



Jeffrey A. Strakowski, M.D.

Clinical Associate Professor, Department of Physical Medicine & Rehabilitation
Ohio State University

Dr. Strakowski has sub-specialty certifications in Sports Medicine, Neuromuscular Medicine, Pain Management and Spinal Cord Injury Medicine. He is ABEM Certified in Electrodiagnostic Medicine and ARDMS Certified in Musculoskeletal Ultrasound.

He was an invited speaker on Musculoskeletal Ultrasound for the American Association of Neuromuscular and Electrodiagnostic Medicine (AANEM) and has published widely and is the author of Introduction to Musculoskeletal Ultrasound: Getting Started and Ultrasound Evaluation of Focal Neuropathies.

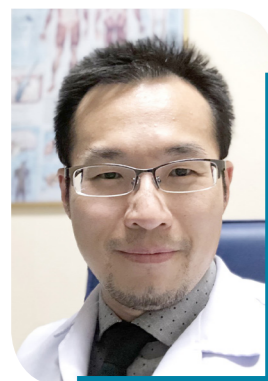


Natthiya Tantisirawat, M.D.

Department of Rehabilitation Medicine, King Chulalongkorn Memorial Hospital,
Thai Red Cross Society, Department of Rehabilitation Medicine, Faculty of Medicine,
Chulalongkorn University

Dr. Natthiya is the attending physician at the Department of Rehabilitation Medicine, King Chulalongkorn Memorial Hospital, Thai Red Cross Society and Associate (hon) Professor of Faculty of Medicine, Chulalongkorn University.

Dr. Natthiya was awarded the 2012 Lien I - Nan Scholarship and completed the Ultrasound Examination Training at the National Taiwan University in 2012. The Musculoskeletal Ultrasound unit was then set up as routine service upon her return, and approximately 1,000 cases have since undergone screening or intervention. This clinic has been requested for clinical observation from Thai Physiatrists all over Thailand.



Norarit Luanchumroen, M.D.

Physical Medicine & Rehabilitation, Nopparatjathane Hospital,
Department of Medical Services, Ministry of Public Health

Dr. Norarit is an official staff and senior professional of Nopparatjathane Hospital. He completed his Doctor of Medicine (First class honors) and Thai Board of Rehabilitation Medicine from Chulalongkorn University.

He is currently in the academic subcommittee of the Thai Association for the Study of Pain (TASP). His special field of interest is in Musculoskeletal Ultrasound and Ultrasound-guided interventions for pain and MSK disorders. He has also developed a technique called "Ultrasound-guided percutaneous release procedure" for common hand conditions such as trigger finger, carpal tunnel syndrome and De Quervain's tenosynovitis.

PROGRAMME +

11 SEP, WED (MORNING)

Time	Programme	Topics	Speaker
8.00		Registration	
8.30	Lecture	<ul style="list-style-type: none"> Introduction to Musculoskeletal and Neuromuscular Ultrasound Ultrasound Evaluation of Peripheral Nerve and Focal Neuropathies Normal Imaging of normal nerve and plexus 	Jeffrey A. Strakowski, M.D.
10.00		Coffee Break	
10.30	Lecture and Demonstration: Entrapment Neuropathies	<ul style="list-style-type: none"> Demonstrate how to use the Robinson Index for diagnosis of CTS Identify the best approaches for diagnosing ulnar neuropathy at the elbow Discuss how to formulate prognostic statements in focal neuropathies 	Lawrence R. Robinson, M.D.
12.00		Lunch	

11 SEP, WED (AFTERNOON)

Room 1 – Electrodiagnosis: Meet the Expert I & Meet the Expert II

13.30	Electrodiagnosis: Meet the Expert I	Approach in peripheral neuropathy: Practical point with a case-base study	Lawrence R. Robinson, M.D.
15.00		Coffee Break	
15.30	Electrodiagnosis: Meet the Expert II	Approach to Brachial Plexopathy: Clinical pearls	Lawrence R. Robinson, M.D.
16.30		Closing	

Room 2 – Demonstration & Lecture on Neuromuscular Ultrasound & Musculoskeletal

13.30	Demonstration	Normal neuromuscular ultrasound	Jeffrey A. Strakowski, M.D.
15.00		Coffee Break	
15.30	Lecture: Ultrasound assessment of musculoskeletal ultrasound mimics	<ul style="list-style-type: none"> Discuss some common MSK conditions that could clinically mimic focal neuropathies Describe methods of distinguishing peripheral nerve and MSK pathology Identify cases of clinical presentations using US and EDX to distinguish potential MSK abnormalities from focal neuropathies 	Jeffrey A. Strakowski, M.D.
16.30		Closing	

12 SEP, THURS (MORNING)

8.00		Registration	
8.30	Lecture	Electrodiagnosis and ultrasound in focal neuropathy of upper and lower limb	Jeffrey A. Strakowski, M.D.
10.00		Coffee Break	
10.30	Panel discussion: US Controversial Topics	<ul style="list-style-type: none"> Discuss the utility of diagnostic US in CTS Identify a scientific and rational approach when using diagnostic US in the EDX lab 	Jeffrey A. Strakowski, M.D. and Lawrence R. Robinson, M.D.
12.00		Lunch	

12 SEP, THURS (AFTERNOON)

Room 1 – Electrodiagnosis: Meet the Expert III & Meet the Expert IV

13.30	Electrodiagnosis: Meet the Expert III	<ul style="list-style-type: none"> Electrodiagnosis in NMJ disorders Facial nerve/Blink reflex 	Lawrence R. Robinson, M.D.
15.00		Coffee Break	
15.30	Electrodiagnosis: Meet the Expert IV	Approach to muscle disease: Clinical pearls	Lawrence R. Robinson, M.D.
16.30		Closing	

Room 2 – Demonstration & Sharing Experience

13.30	Demonstration	Use of electrodiagnosis and ultrasound for evaluation of focal neuropathies	Jeffrey A. Strakowski, M.D.
15.00		Coffee Break	
15.30	Sharing experience: US-Guided Peripheral Nerve Interventions	<ul style="list-style-type: none"> Ultrasound guided percutaneous carpal tunnel release Dextrose Neural Prolotherapy Hydrodissection for entrapment neuropathies 	Norarit Luanchumroen, M.D. Natthiya Tantisirawat, M.D. Jeffrey A. Strakowski, M.D.
16.30		Closing	

(Programme to be conducted in English)