neuro training academy

GENERAL INFORMATION

Advanced EMG Course | Dubai, UAE | May 24-25

Date May 24-25, 2023

Venue Sheraton Dubai Creek Hotel & Towers, Dubai, UAE

Course objectives

- Principles of NCS and EMG
- Single fiber EMG
- Clinical approach to Neuromuscular diseases
- Demonstrations of routine and quantitative tests.

Intended audience Neurologists, Neurophysiologists, EMG Technicians, Physiatrists (Physical Medicine & Rehabilitation) and any HCP with interest in EMG

Max. number of participants 50

Registration deadline 15.05.2023

Registration fee 295€

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FACULTY

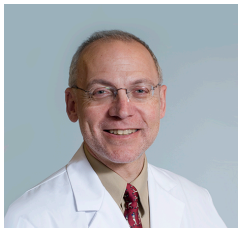
Speaker
Erik Stålberg, M.D., Ph.D
Uppsala University, Department of Clinical Neurophysiology
(Prof. Stålberg will join remotely)

Prof. Stalberg is a Professor Emeritus at the Uppsala University where he has spent his lifetime to learning, teaching, research and patient care. He is internationally recognized for his contributions to electrodiagnostic medicine. He pioneered the technique of single fiber EMG, and also other methods of quantitative analysis. He has promoted quantitative analysis and tele-medicine. He has trained many luminaries in this field. He has published over 450 articles, written chapters in many text books, and co- authored the book 'Single Fiber EMG'. He has lectured in many countries and conferences where he has been showered with recognition and awards. Among them, American Association of Neuromuscular and Electrodiagnostic Medicine gave him the "Distinguished Researcher Award" and "Lifetime Achievement Award".

Speaker
Sanjeev Nandedkar, Ph.D Senior Consultant, Natus Medical

With over 30 years of experience, Sanjeev is an award winning author, editor and reviewer, researcher, instrument design engineer, teacher, and clinical expert in the EMG field. He has delivered lectures, workshops and seminars in over 25 countries at universities, hospitals and EMG conferences. As an editor, Sanjeev started the "EMG on DVD" educational series. In collaboration with other clinicians, he developed Motor Unit Number Index (MUNIX) along with Multi-Motor unit Analysis (MMA) and Turns & Amplitude (TA) methods available on Natus EMG systems.

His primary research interest is in Automatic analysis of EMG signals, Modeling EMG signals and Technical aspects of EMG waveforms. Sanjeev is currently a Senior Consultant at Natus Medical. Sanjeev is also Adjunct Professor of Neurology at Medical College of Wisconsin



Speaker
William David, M.D., Ph.D
Associate Professor of Neurology at Harvard Medical School

Dr. William S. David is Chief of the Division of Neuromuscular Medicine and Director of the EMG Laboratory and Neuromuscular Diagnostic Center at Massachusetts General Hospital. He is an Associate Professor of Neurology at Harvard Medical School. He received his M.D. and Ph.D. degrees from the Albert Einstein College of Medicine in New York.

His research, clinical activities and educational/administrative pursuits have centered on his subspecialty interests of neuromuscular medicine and clinical neurophysiology (EMG), with a particular focus on Amyotrophic Lateral Sclerosis (ALS).

At MGH, he is an active participant in the ALS clinic and directs the Neuromuscular Diagnostic Center, which encompasses the EMG laboratory, the neuromuscular clinics, the autonomic laboratory and a botulinum toxin program for the treatment for dystonia and spasticity.

Dr. David is a member of the American Academy of Neurology (AAN), American Association of Neuromuscular and Electrodiagnostic Medicine (AANEM), and serves on the Executive for the Neuromuscular Study Group (NMSG) as well as in the House of Delegates of the American Medical Association (AMA). He is the Neuromuscular Section Editor for the Journal Practical Neurology.

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AGENDA

Day 1 May 24, 2023

08:45 – 09:00	Welcome & Introductions	
09:00 – 09:30	Instrumentation: Reducing Noise & Artifacts	S. Nandedkar
09:30 – 10:30	Nerve conduction studies – Anatomic correlates	**S. Nandedkar**
10:30 – 11:00	Break	
11:00 – 12:00	Electrophysiological Approach to brachial plexopathies	W. David
12:00 – 13:00	Demonstration – Motor & Sensory NCS	David + Nandedkar
13:00 – 14:00	Lunch	
14:00 – 14:30	Late responses – Anatomic correlates	S. Nandedkar
14:30 – 15:30	Clinical Approach to Peripheral Neuropathy	W. David
15:30– 16:00	Break	
16:00 – 16:50	Have you thought of that?	E.Stålberg (remote)
16:50 – 17:00	Q&A	E. Stålberg (remote)
17:00 – 18:00	Demonstrations – Late Response, Autonomic, Q & A	**David + Nandedkar**

Day 2 May 25, 2023

09:00 – 09:45	Spontaneous activity	S. Nandedkar
09:45 – 10:30	Volitional activity	S. Nandedkar
10:30 – 11:00	Break	
11:00 – 12:20	RNS, SFEMG & Myasthenia	E. Stålberg (remote)
12:20 – 12:30	Q & A	E. Stålberg (remote)
12:30 – 13:00	Demonstration SFEMG	David + Nandedkar
13:00 – 14:00	Lunch	
14:00 – 15:00	Motor neuron disease case studies	W. David
15:00 – 15:30	Approach to MUNE	**S. Nandedkar**
15:30 – 16:00	Break	
16:00 – 16:45	Clinical Approach to Myopathy	**W. David**
16:45 – 17:45	Demonstrations QEMG, MUNE	**David + Nandedkar**
17:45 – 18:00	Q&A and Adjurn	

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