



Date

15-16 May 2025

Venue

[Capital Plaza Hotel](#), Bucharest, Romania

Course Objectives

- Practical application and interpretation of conventional neurography, electromyographic methods, Repetitive Nerve Stimulation and Single-fibre-EMG with CNE as well as Motor Unit Number Index (MUNIX).
- Upon successful completion of the course, participants will understand the physiology, be able to practice the techniques, know about pitfalls, and interpret results.

Intended audience

Physicians and technologists who would like to enhance/review electrodiagnostic techniques, and get a hands-on experience in performing some of the common and uncommon studies. This is a combined lecture and hands-on course.

Max.number of participants

30

Registration deadline

24 April 2025

Registration fee

€250

Day 1 – May 15

- 9.00 Welcome & Introduction
- 9.15 CMAP & Noise Interference (Dr. Sanjeev Nandedkar)
- 9.45 Motor Nerve Conduction (Dr. Christoph Neuwirth)
- 10.15 Sensory Nerve Conduction (Dr. Christoph Neuwirth)
- 10.45 Hands on
- 12.00 Lunch
- 13.00 EMG Signs of De & Reinnervation (Dr. Markus Weber)
- 13.45 Differential Diagnosis of pure motor syndromes (Dr. Markus Weber)
- 14.30 QEMG (Dr. Sanjeev Nandedkar)
- 15.15 Hands on
- 17.00 Close

Day 2 – May 16

- 9.00 Recap of Day 1
- 9.15 Repetitive Nerve Stimulation (Dr. Christoph Neuwirth)
- 10.00 Single Fibre EMG (Dr. Sanjeev Nandedkar)
- 10.45 Hands on
- 12.00 Lunch
- 13.00 MUNIX – Technique and other MUNE methods (Dr. Sanjeev Nandedkar)
- 13.45 MUNIX – Clinical Indications (Dr. Markus Weber)
- 14.30 MUNIX – Pitfalls (Dr. Christoph Neuwirth)
- 15.15 Hands on
- 17.00 Close



Healthcare Ostschweiz

Speaker

Prof. Dr. Markus Weber
Professor of Neurology
Healthcare Ostschweiz

Prof. Dr. Markus Weber is Professor of Neurology at the University of Basel and serves as chief of the Neuromuscular Diseases Unit/ ALS Clinic at the Kantonsspital St.Gallen in Switzerland. He has worked for more than 30 years in the field of neuromuscular disorders with a special focus on Amyotrophic Lateral Sclerosis and clinical neurophysiology. His main research interests cover outcome measures, clinical neurophysiology, trial designs and cannabinoid research. Prof. Weber is a member of the ENCALS executive committee and research committee of the European Neuromuscular Center (ENMC). He has previously served as co-chair of the European Academy of Neurology scientific panel on ALS and FTD.



Speaker

Dr. Christoph Neuwirth

Deputy Head
Healthcare Ostschweiz

Dr. Christoph Neuwirth has focused since nearly 20 years on neuromuscular disorders. Beside clinical practice, his research interests are on electrophysiological methods to estimate the number of lower motor neurons (MUNIX) and clinical trials in diseases like ALS, Myasthenia gravis and other rare neuromuscular disorders. The application and teaching of electrophysiological methods is one further main interest in his daily practice as the Deputy Head at the Swiss Reference Center for Rare Neuromuscular Diseases, based at the Cantonal Hospital St. Gallen, Switzerland.



Speaker

Sanjeev D. Nandedkar, PhD

Senior Consultant
Natus Medical

Dr. Nandedkar has over 30 years' experience and 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 an Automatic analysis of EMG signals, Modeling EMG signals and Technical aspects of EMG waveforms. Sanjeev is currently a Senior Consultant here at Natus Medical.