

Dear colleagues

After an inspiring course in Spring 2023, we are happy to re-announce our training course in March 2024.

Electromyography and nerve conduction studies are an essential part of the neurologist's every day practice. While most are familiar with the basics of neurophysiologic testing and the interpretation of results, more sophisticated methods are rarely used in clinical routine. The goal of this course is to equip you with the knowledge about these sophisticated neurophysiological techniques and to improve your skills, performance and sensitivity in the diagnostic work-up of neuromuscular disorders.

It is a great pleasure that Professor Erik Stålberg (Uppsala, Sweden) and Professor Björn Falck (Turku, Finland) will be teaching again at this International Advanced Neurophysiology Course in St.Gallen, where they will share their enormous expertise on EMG and nerve conduction studies with us. Our aim is to carry on the famous EMG course from Uppsala and to bring it to Switzerland. The course features are a broad spectrum from principles in neurophysiology to the application of more specific techniques like Single Fibre EMG using concentric needle electrodes. Quantitative EMG, motor number estimation techniques (MUNIX), non-standard neurographies and the diagnostic approach in specific neuromuscular disorders are some further topics. Several «hands-on»-sessions will help you to put theory directly into practice.

The target audience are neurologists who already have broad experience in routine neurophysiological techniques. Due to the generous support from our sponsors, up to four Neurologists/Neurophysiologists from countries with low gross domestic product can apply for financial support.

We are looking forward to welcoming you.

PD Dr. Christoph Neuwirth

Prof Dr. Markus Weber



Registration & fee

CHF 680.- course fee, to be paid in advance (completely booked, waiting list available: www.kssg.ch/emg-course)

Location

Muskelzentrum/ALS clinic
House 39, Auditorium
Rorschacher Strasse 226
CH-9007 St.Gallen



Organisation

Kantonsspital St.Gallen
Muskelzentrum/ALS Clinic
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We like to thank the following sponsors:

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Directions

By car

You can reach house 39 by car via the highway exit «St. Fiden / Spitäler». There is a limited number of underground parking spaces available on the basement. The 2nd and 3rd floors are available to permanent users. Alternatively you can use the parking spaces at the Paul Grüninger Stadium.

By train

From St.Gallen train station, house 39 (bus stop «Grütlistrasse») can be reached with the buses of the municipal transport companies on line 1 (Stephanshorn) and line 2 (Guggeien).

Credits

24 CME Credits (SNG, SGKN)
for whole 3 days

International Advanced Neurophysiology Course

Muskelzentrum/ALS Clinic



Kantonsspital
St.Gallen

Thursday, 21st to
Saturday, 23rd March 2024
Kantonsspital St. Gallen
House 39, Auditorium

Thursday, 21st March 2024

09:00 – 09:30	Coffee and get-together
09:30 – 09:45	Introduction and presentation Erik Stålberg, Björn Falck, Christoph Neuwirth, Markus Weber
09:45 – 10:15	The motor unit, anatomy and physiology Erik Stålberg
10:15 – 10:45	Practical aspects of the EDX investigation and Recordings Erik Stålberg
10:45 – 11:15	Coffee
11:15 – 12:00	Needle EMG technique of selected muscles and uncommon spontaneous activity Björn Falck
12:00 – 13:15	Lunch
13:15 – 14:15	Basic EMG – quantitative EMG (QEMG), signs of de- and reinnervation Erik Stålberg, Markus Weber
14:15 – 15:00	QEMG + DEMO Erik Stålberg, Christoph Neuwirth
15:00 – 15:30	Coffee
15:30 – 16:00	EMG in myopathies Erik Stålberg
16:00 – 17:15	EMG hands on ES, BF, MW, CN

Friday, 22nd March 2024

08:00 – 08:45	EMG QUIZ Erik Stålberg
08:45 – 09:30	Neurography, principles Erik Stålberg
09:30 – 10:00	Coffee
10:00 – 11:00	Neurophysiological diagnosis of polyneuropathies Björn Falck
11:00 – 12:00	Motorneuron and neuronopathies Björn Falck/Markus Weber
12:00 – 13:15	Lunch
13:15 – 14:00	Techniques for Motor Unit Number Estimation, MUNIX & DEMO Erik Stålberg/Christoph Neuwirth
14:00 – 15:00	Focal peripheral neuropathies/CTS Björn Falck
15:00 – 15:30	Coffee
15:30 – 16:30	Plexus brachialis lesions and pasonage turner syndrom Björn Falck, Christoph Neuwirth
16:30 – 17:45	Neurography, hands-on Participants, ES, BF, CN, MW
19:30	Gala Dinner at Candela Restaurant all incl. Sponsors

Saturday 23rd March 2024

08:00 – 08:45	Special neurography techniques Björn Falck/Christoph Neuwirth
08:45 – 09:15	Neurography DEMO ES, BF, /CN, MW
09:15 – 10:00	Repetitive nerve stimulation (RNS) inkl DEMO M. anconeus Christoph Neuwirth
10:00 – 10:30	Coffee
10:30 – 12:00	Neurography hands-on BF, ES, MW, CN
12:00 – 13:15	Lunch
13:15 – 13:45	Hunting for signs of demyelination Christoph Neuwirth
13:45 – 14:00	Treatment effects of IVIG in CIDP and variants Christoph Neuwirth
14:00 – 14:45	Single fibre EMG and CNE jitter Erik Stålberg
14:45 – 15:15	Hands on CNE jitter BF, ES, MW, CN
15:15 – 15:45	Coffee
15:45 – 16:15	Repetition on hands-on on selected techniques all
16:15 – 16:30	Closing remarks feedback from participants and sponsors all