

Dear colleagues

After an inspiring course in April 2022, we are happy to re-announce our training course in March 2023.

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 such as quantitative EMG and Single Fibre EMG 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 «Advanced EMG 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 have already 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 when «Scandinavia goes St.Gallen – reloaded».

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 33, Room 014, ground floor
Greithstrasse 20
CH-9007 St.Gallen

Organisation

Kantonsspital St.Gallen

Muskelzentrum/ALS Clinic

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Directions

By car

Approach from Zurich:

- Highway A1, Exit 82 St.Gallen–St.Fiden
- turn right at the signal
- turn right again at the next signal to the «Lindenstrasse»
- 30 meters further on the left you find the entrance, «Haus 33»
- a parking ramp «Böschenmühle» is further down following the «Lindenstrasse»

Approach from St.Margrethen:

- Highway A1, Exit 82 St.Gallen–St.Fiden
- after the tunnel turn left to the «Steinachstrasse»
- after a few meters turn left to the «Lindenstrasse»
- after 400 meters you find the entrance, «Haus 33»
- a parking ramp «Böschenmühle» is further down following the «Lindenstrasse»

By train

Every 30 minutes from Zurich and Zurich airport, Main Railway Station (about 1 hour trip time). Take the bus from St.Gallen, Main Railway Station (No. 1, 4, 7). Bus stop «St.Fiden». Follow the «Greithstrasse» (see map)

Credits

32 CME Credits (SNG, SGKN) for whole 4 days



Scandinavia goes St.Gallen – reloaded

With Erik Stålberg and Björn Falck
Muskelzentrum/ALS Clinic



Kantonsspital
St.Gallen



Wednesday, 29th March 2023 to
Saturday, 1st April 2023

Kantonsspital St. Gallen
Muskelzentrum/ALS clinic, St.Gallen

Wednesday, 29th March 2023

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 important muscles Björn Falck
12:00 – 13:15	Lunch
13:15 – 14:15	Spontaneous EMG activity Björn Falck
14:15 – 14:45	Basic EMG – quantitative EMG (QEMG) Erik Stålberg
14:45 – 15:15	Coffee
15:15 – 15:45	QEMG, DEMO Erik Stålberg
15:45 – 17:15	EMG hands on Erik Stålberg, Björn Falck, Christoph Neuwirth, Markus Weber

Thursday, 30th March 2023

08:00 – 08:55	EMG in myopathies Erik Stålberg
08:55 – 09:30	EMG signs of denervation and reinnervation Markus Weber
09:30 – 10:00	Coffee
10:00 – 10:45	EMG Quiz Erik Stålberg

10:45 – 11:30	Neurophysiological diagnosis of polyneuropathies Björn Falck
11:30 – 12:15	Motor neuro/neuronopathies Björn Falck, Markus Weber
12:15 – 13:30	Lunch
13:30 – 14:30	Neurography, principles Erik Stålberg
14:30 – 15:00	Late responses and reflexes Erik Stålberg
15:00 – 15:30	Coffee
15:30 – 16:00	Questions from participants Participants, Erik Stålberg, Björn Falck
16:00 – 17:15	Neurography, hands-on all

Friday 31st March 2023

08:00 – 08:45	CTS Erik Stålberg
08:45 – 09:15	Techniques for Motor Unit Number Estimation Erik Stålberg, Christoph Neuwirth
09:15 – 09:45	MUNE/MUNIX demo Erik Stålberg, Christoph Neuwirth
09:45 – 10:15	Coffee
10:15 – 11:00	Special neurography techniques Björn Falck, Christoph Neuwirth
10:45 – 12:15	Focal peripheral neuropathies Björn Falck
12:15 – 13:30	Lunch
13:30 – 14:15	Plexus brachialis lesions Björn Falck
14:15 – 14:45	Neurography DEMO Erik Stålberg, Björn Falck, Christoph Neuwirth, Markus Weber

14:45 – 15:30	Questions from participants (Case presentations) all
15:30 – 16:00	Coffee
16:00 – 17:15	Neurography hands on Erik Stålberg, Björn Falck, Christoph Neuwirth, Markus Weber
19:00	Dinner at «Candela» all

Saturday 1st April 2023

09:00 – 09:45	Hunting for signs of demyelination Christoph Neuwirth
09:45 – 10:15	Treatment effects of IVIG in CIDP and variants Christoph Neuwirth
10:15 – 10:45	Coffee
10:45 – 11:30	Single fibre EMG and CNE jitter Erik Stålberg
11:30 – 12:00	Repetitive nerve stimulation (RNS) inkl DEMO M. anconeus
12:00 – 13:15	Lunch
13:15 – 13:40	The special case: low dose Rituximab in ocular Myasthenia Alberto Rivero
13:40 – 14:30	Hands on CNE jitter Erik Stålberg, Björn Falck, Christoph Neuwirth, Markus Weber
14:30 – 15:15	Personage-Turner Syndrome, a case and background Christoph Neuwirth, Björn Falck
15:15 – 15:45	Coffee
15:45 – 17:00	Repetition on hands-on on selected techniques all
17:00 – 17:15	Closing remarks and feedback from participants all