

Dear colleagues

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 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, yearly EMG course from Uppsala and to bring it to St. Gallen. The course features 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 neurographs and the diagnostic approach in specific neuromuscular disorders are some further topics. Several "hands-on"-sessions will help you put theory directly into practice.

As the number of participants is limited, registration is on a "first come – first serve" basis. The target audience are neurologists who already have broad experience in routine neurophysiological techniques.

We are looking forward to welcoming you when Uppsala goes St.Gallen.

PD Dr. Christoph Neuwirth

Prof Dr. Markus Weber



Fee

CHF 600.- course fee, to be paid in advance

Registration:
www.kssg.ch/uppsala-goes-sg

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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We would like to thank the sponsors for their contributions.



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Directions

By car

Directions from Zurich:

- highway A1, Exit 82 St.Gallen–St.Fiden
- turn right at the traffic light
- turn right again at the traffic light to "Lindenstrasse"
- 30 meters further on the left you will find the entrance to "Haus 33"
- car parking "Böschenmühle" is located at the end of "Lindenstrasse"

Directions from St.Margrethen:

- highway A1, Exit 82 St.Gallen–St.Fiden
- after the tunnel turn left on "Steinachstrasse"
- after a few meters turn left on "Lindenstrasse"
- after 400 meters you will find the entrance to "Haus 33"
- car parking "Böschenmühle" is located at the end of "Lindenstrasse"

By train

Every 30 minutes from Zurich, Main Railway Station (approx. 1 hour). Take the bus from St.Gallen, Main Railway Station (No. 1, 4, 7). Bus stop "St.Fiden". Follow "Greithstrasse" (www.kssg.ch/anreise)

Credits

SNG 24 for the whole 3 days course
Under the auspices of the Swiss Society of Clinical Neurophysiology

Uppsala goes St.Gallen

With Erik Stålberg and Björn Falck
Muskelzentrum/ALS Clinic



Kantonsspital
St.Gallen



Thursday, 12th March 2020 to
Saturday 14th March 2020

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

Thursday 12th March

09:00 – 09:30 am	Coffee, registration and get-together
09:30 – 09:45 am	Introduction and presentation Erik Stålberg, Björn Falck, Christoph Neuwirth, Markus Weber
09:45 – 10:15 am	The motor unit, anatomy and physiology Erik Stålberg
10:15 – 10:45 am	Practical aspects of the EDX investigation and Recordings Erik Stålberg
10:45 – 11:00 am	Coffee
11:00 – 11:45 am	Needle EMG technique of important muscles Björn Falck
11:45 am – 12:15 pm	Spontaneous EMG activity Björn Falck
12:15 – 01:15 pm	Lunch
01:15 – 02:15 pm	Basic EMG – quantitative EMG (QEMG) Erik Stålberg
02:15 – 02:45 pm	QEMG, DEMO Erik Stålberg
02:45 – 03:00 pm	Coffee
03:00 – 04:30 pm	EMG hands on ES, BF, MW, CN
04:30 – 05:15 pm	EMG QUIZ Erik Stålberg

Friday 13th March

08:00 – 08:55 am	EMG in myopathies Erik Stålberg
08:55 – 09:30 am	Strategies in EMG investigation Björn Falck
09:30 – 09:45 am	Coffee
09:45 – 10:30 am	EMG signs of denervation and reinnervation Markus Weber
10:30 – 11:30 am	Neurography, principles Erik Stålberg
11:30 am – 12:00 pm	Late responses and reflexes Erik Stålberg
12:00 – 01:00 pm	Lunch
01:00 – 01:30 pm	Repetitive nerve stimulation (RNS) inkl DEMO Christoph Neuwirth
01:30 – 02:10 pm	Single fibre EMG and CNE jitter Erik Stålberg
02:10 – 02:30 pm	Group demo CNE jitter Erik Stålberg, Christoph Neuwirth
02:30 – 03:00 pm	Hands on CNE jitter BF, ES, MW, CN
03:00 – 03:15 pm	Coffee
03:15 – 04:00 pm	Motor neuropathies, neuronopathies and ALS Björn Falck, Markus Weber
04:00 – 04:30 pm	Hunting for signs of demyelination Christoph Neuwirth
04:30 – 04:45 pm	Treatment effects of IVIG in CIDP and variants Christoph Neuwirth
04:45 – 05:15 pm	Questions from participants Participants, ES, BF
07:00 pm	External dinner (included)

Saturday 14th March

08:00 – 08:45 am	CTS Erik Stålberg
08:45 – 09:15 am	Techniques for Motor Unit Number Estimation Erik Stålberg, Christoph Neuwirth
09:15 – 09:45 am	MUNE/MUNIX demo ES, CN
09:45 – 10:00 am	Coffee
10:00 – 10:45 am	Special neurography techniques Björn Falck, Christoph Neuwirth
10:45 am – 12:15 pm	Focal peripheral neuropathies Björn Falck
12:15 – 01:15 pm	Lunch
01:15 – 02:00 pm	Plexus brachialis lesions Björn Falck
02:00 – 02:30 pm	Neurography DEMO Erik Stålberg, CN, MW
02:30 – 03:15 pm	Questions from participants (Case presentations) all
03:15 – 03:30 pm	Coffee
03:30 – 05:00 pm	Neurography hands on BF, ES, MW, CN
05:00 – 05:15 pm	Closing remarks and feedback from participants all