

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 neurophysiological 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), Professor Björn Falck (Turku, Finland), and new in the team Professor Sanjeev Nandedkar (Wisconsin, USA) 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. This year, Erik Stålberg will join the session remotely. Thus we will carry forward the famous EMG course from Uppsala.

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 put theory directly into practice.

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

We are looking forward to welcoming you in St. Gallen.

PD Dr. Christoph Neuwirth
HOCH Health Ostschweiz,
Kantonsspital St. Gallen

Prof Dr. Markus Weber
HOCH Health Ostschweiz,
Kantonsspital St. Gallen

Registration & fee

CHF 900.- course fee, to be paid in advance (completely booked, waiting list available:
besa.ademi@h-och.ch

Location

Muskelzentrum/ALS Clinic
Building No. 33 ,
Room 126, first floor
Greithstrasse 20
9007 St. Gallen



Organisation

HOCH Health Ostschweiz
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Muskelzentrum/ALS Clinic
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www.h-och.ch/muskelzentrum

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)

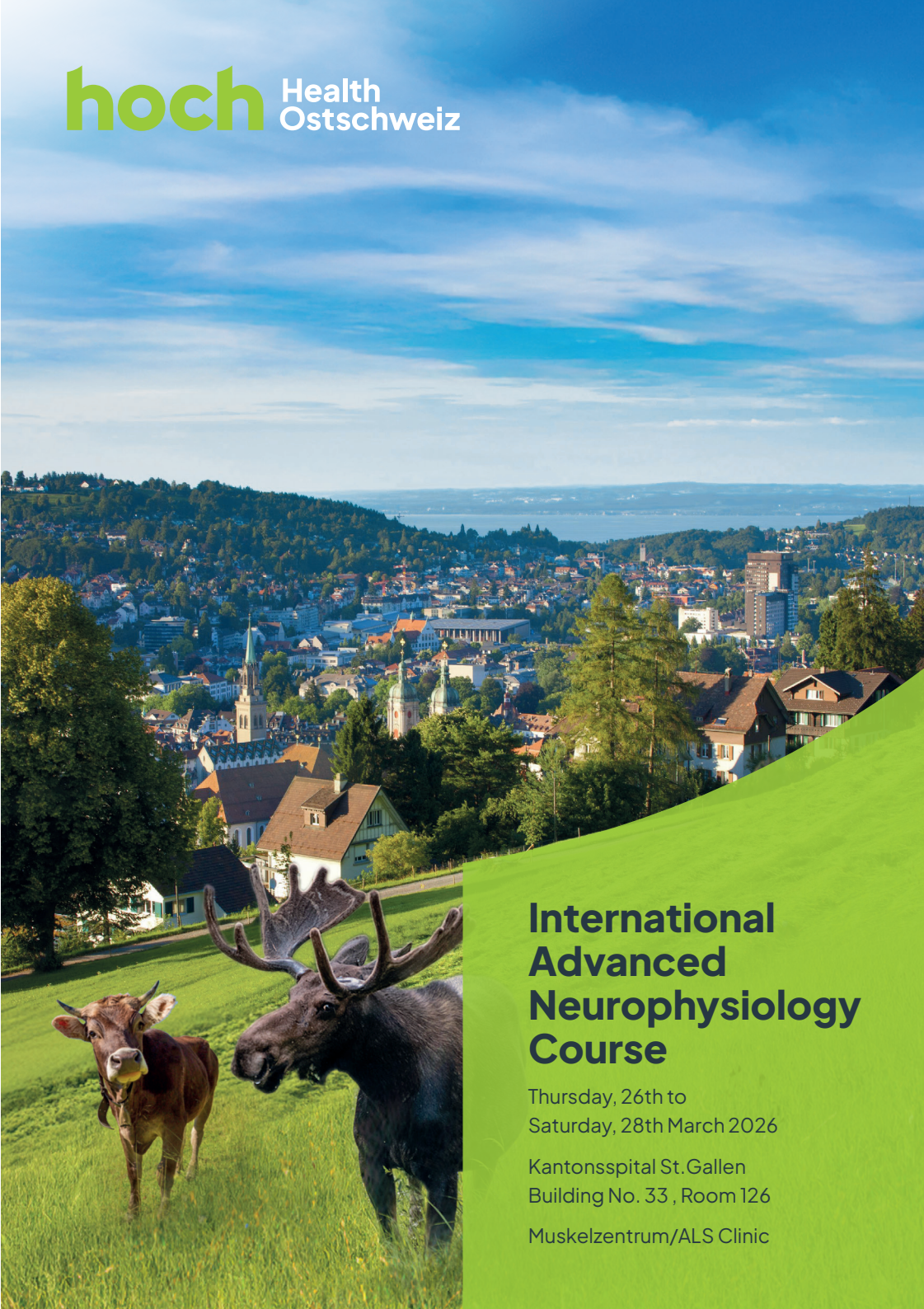
Credits

24 CME Credits (SNG, SGKN)
Under the auspices of the SGKN for all 3 days

We like to thank for the patronage of the Swiss Society for Clinical Neurophysiology and the following sponsors:



hoch Health Ostschweiz



International Advanced Neurophysiology Course

Thursday, 26th to
Saturday, 28th March 2026

Kantonsspital St. Gallen
Building No. 33 , Room 126

Muskelzentrum/ALS Clinic

Thursday, 26th March 2026

09:00 – 09:30	Coffee and get-together
09:30 – 09:45	Introduction and presentation Erik Stålberg, Björn Falck, Sanjeev Nandedkar, Christoph Neuwirth, Markus Weber
09:45 – 10:15	The motor unit, anatomy and physiology and practical aspects of EDX recordings Sanjeev Nandedkar
10:15 – 10:45	Needle EMG technique of imortant muscles Björn Falck
10:45 – 11:15	Coffee
11:15 – 12:00	Quantitative EMG incl. DEMO Sanjeev Nandedkar, Christoph Neuwirth
12:00 – 13:15	Lunch
13:15 – 14:00	Spontaneous EMG activity Björn Falck
14:00 – 14:45	EMG abnormalities in neuropathies and myopathies Erik Stålberg (remote), Markus Weber
14:45 – 15:15	Coffee
15:15 – 15:45	Role of EMG in the diagnosis of myopathies and other neuromuscular disorders Björn Falck
15:45 – 17:15	EMG hands on Sanjeev Nandedkar, Björn Falck, Christoph Neuwirth, Markus Weber

Friday, 27th March 2026

08:30 – 09:30	Updated routine neurography and late components (F– and A–waves) Erik Stålberg (remote)
09:30 – 10:00	Coffee
10:00 – 10:45	Neurophysiological diagnosis of polyneurpathies Björn Falck
10:45 – 11:25	ALS Markus Weber
11:25 – 12:00	Other motor neuronopathies Björn Falck
12:00 – 13:15	Lunch
13:15 – 14:00	Techniques for Motor Unit Number Estimation, MUNIX & DEMO Christoph Neuwirth
14:00 – 15:00	Focal peripheral neuropathies Björn Falck
15:00 – 15:30	Coffee
15:30 – 16:00	Parsonage–Turner syndrome Christoph Neuwirth
16:00 – 16:30	Plexus brachialis lesions Björn Falck
16:30 – 17:00	Questions and answers Sanjeev Nandedkar Björn Falck, Christoph Neuwirth, Markus Weber
17:00 – 18:00	Neurography hands–on Participants, Sanjeev Nandedkar, Björn Falck, Christoph Neuwirth, Markus Weber
19:30	Dinner at Candela Restaurant all incl. Sponsors

Saturday, 28th March 2026

08:30 – 09:00	Special neurography techniques with near nerve electrodes Björn Falck
09:00 – 09:20	Special neurography techniques with surface electrodes Christoph Neuwirth
09:20 – 10:00	Repetitive nerve stimulation (RNS) incl. DEMO M. anconeus Christoph Neuwirth
10:00 – 10:30	Coffee
10:30 – 12:00	Special Neurography hands–on Sanjeev Nandedkar, Björn Falck, Christoph Neuwirth, Markus Weber
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 jitter with conventric needle electrode, incl. Demo Erik Stålberg (remote)/Christoph Neuwirth
14:45 – 15:15	Hands on CNE jitter Sanjeev Nandedkar, Björn Falck, Christoph Neuwirth, Markus Weber
15:15 – 15:45	Coffee
15:45 – 16:15	Hands–on, Repetition on selected techniques Sanjeev Nandedkar, Björn Falck, Christoph Neuwirth, Markus Weber
16:15 – 16:30	Closing remarks feedback from participants and sponsors all (Erik Stålberg remote)