

Course in EMG, Neurography and Neuromuscular Ultrasound 6–9 October 2025

Lecturers: Professor Anna Rostedt Punga, Consultant Maarika Liik, Professor Nens van Alfvén, Associate professor Karin Edebol Eeg-Olofsson

Monday October 6 — Clinical Neurophysiology, Entrance 85

09:00-09:30	Coffee /registration	
09:30-09:45	Introduction	
09:45-11:15	Overview: Neuromuscular EDX techniques	
09:45	Signal acquisition	1.
10:30	Nerve conduction studies, including late responses	2.
11:15	EMG	3.
11:45	Neuromuscular ultrasound	4.
12:15-13:00	Lunch at Hotel von Kraemer	
13:00-15:00	Diagnostic patterns	
13:00	Patient cases: Focal neuropathies and axonal/demyelinating polyneuropathies	
14:00	Participant's cases	
15:00-15:30	Coffee break	
15:30-17:00	Hands-on nerve conduction studies	5.

Tuesday October 7 — Clinical Neurophysiology, Entrance 85

08:30-10:30	EMG	
08:30	Spontaneous activity and QEMG	6.
09:30	Ultrasound-guided EMG tricks & important aspects	7.
10:30-11:00	Coffee break	
11:00-11:45	Reference values	8.
11:30-12:15	Pediatric EDX	9.
12:15-13:15	Lunch at Hotel von Kraemer	
13:15-15:00	Diagnostic patterns	
13:15	Patient cases: Myopathy, motor neuron disease	
13:45	Patient cases: Plexopathy, radiculopathy	
14:15	Participants' cases	
15:00-15:30	Coffee break	
15:30-17:00	Hands-on EMG	10.
18:30	Course dinner	

Wednesday October 8 — Clinical Neurophysiology, Entrance 85

08:30-10:30	Neuromuscular junction transmission failure and myotonias	
08:30	Methods (RNS, SFEMG, exercise test)	11.
09:30	Diagnostic patterns	
10:30-11:00	Coffee break	
11:00-12:15	DEMO RNS and SFEMG	12.
12:15-13:15	Lunch at Hotel von Kraemer	
13:15-15:00	Neuromuscular ultrasound	
13:15	Nerve ultrasound pathology - Examples from the clinic	13.
14:00	DEMO ultrasound	14.
15:00-15:30	Coffee break	
15:30-17:00	Hands-on SFEMG	15.

Thursday October 9 — Clinical Neurophysiology, Entrance 85

08:30-10:00	Hands-on neuromuscular ultrasound	16.
10:00-10:30	Coffee break	
10:30-12:15	Pitfalls in EDX diagnostics and participants' cases	
10:30	EDX pitfalls	17.
11:00	Participants' cases	
12:15-13:15	Lunch at Hotel von Kraemer	
13:15-15:00	Follow-up on participants' cases, course evaluation	18.