




Schweizerische Gesellschaft für klinische Neurophysiologie
Société Suisse de Neurophysiologie Clinique
Società Svizzera di Neurofisiologia Clinica

Academy of the Swiss Society of Clinical Neurophysiology 13th Annual Course – 2023

Course of Neurosonology and Joint Meeting with Swiss Society for
Ultrasound in Medicine, Vascular Section 
May 12-13, 2023
(2 x 8 Credits SGKN/SNG)

Organization:

PD Dr. med. Georg Kägi, St. Gallen / Prof. Dr. med. Philippe Lyrer, Basel

Location:

Auditorium Maurice E. Müller, Operationstrakt Ost, Inselspital Bern

Friday	May 12	
08:45	Welcome and introduction	<i>P. Lyrer, Basel</i>
	Principles of Neurosonology Chair: P. Lyrer	
09:00	Physical principles and technical aspects of vascular sonography Doppler sonography	<i>C. Canova, Chur</i>
09:30	Challenges of neurosonography	<i>P. Lyrer, Basel</i>
10:15	Break	
	Non atherosclerotic disease: Chair: G. Kägi	
10:45	Dissections of Extra- and intracranial arteries	<i>S. Engelter, Basel</i>
11:30	Large vessel vasculitis of the supra-aortal arteries	<i>M. Arnold, Bern</i>
12:15	Lunch	
	Steno-occlusive disease I: Chair: H. Gensicke	
14:00	Sonographic assessment of plaque burden and morphology	<i>D. Staub, Basel</i>
14:45	Atherosclerosis: Grading of Stenosis of extracranial Arteries	<i>F. Perren, Lausanne</i>
15:30	Break	
	Steno-occlusive disease II: Chair: H. Gensicke	
16:00	CT- and MR Plaque imaging	<i>R. Wiest, Bern</i>
16:45	Treatment of extra- and intracranial stenosis	<i>H. Gensicke, Basel</i>

Saturday	May 13	
	Principles of Transcranial Doppler-/Duplex-sonography: Chair: G. Kägi	
09:00	Examination of intracranial vessels	<i>M. Mono, Zürich</i>
09:30	Hyperperfusion vs Vasospasms / Stenosis	<i>J. Vehoff, St.Gallen</i>
	Group A (Chair: G. Kägi)	Group B
10:30	Case problem presentation extracranial (<i>C. Thalhammer, Aarau</i>)	Hands On (bis 12:15) (<i>Heldner, Vehoff, Fluri, Antonenko, Lyrer</i>)
11:15	Case problem presentation transcranial (<i>Ch. Tränka, Basel</i>)	
12:15	Lunch	
	All participants (groups A and B): Chair: P. Lyrer	
14:00	Emboli detection and Cerebrovascular Reserve Capacity	<i>R. Sztajzel, Meyrin</i>
14:45	Subclavian Steal Syndrome	<i>C. Thalhammer, Aarau</i>
15:15	Break	
	Group A	Group B (Chair: G. Kägi)
15:45	Hands On (bis 17:30) (<i>Heldner, Antonenko, Vehoff, Sztajzel, Lyrer</i>)	Case problem presentation extracranial (<i>C. Thalhammer, Aarau</i>)
16:30		Case problem presentation transcranial (<i>Ch. Tränka, Basel</i>)
	All participants (groups A and B)	
17:30	Debriefing	<i>P. Lyrer, Basel G. Kägi, St. Gallen</i>