




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

Academy of the Swiss Society of Clinical Neurophysiology 15th Annual Course – 2025

Course of Neurosonology and Joint Meeting with Swiss Society for
Ultrasound in Medicine, Vascular Section 
April 11-12, 2025
(2 x 8 Credits SGKN/SNG)

Organization:

Prof. Dr. med. Susanne Wegener, Zurich / PD Dr. med. Henrik Gensicke, Basel

Location:

Auditorium Maurice E. Müller, Operationstrakt Ost, Inselspital Bern

Friday	April 11	
08:45	Welcome and introduction	<i>S. Wegener, Zurich H. Gensicke, Basel</i>
	Principles of Neurosonography Chair: S. Wegener	
09:00	Physical principles and technical aspects of vascular sonography	<i>C. Canova, Chur</i>
09:45	Principles and challenges of neurosonography	<i>P. Lyrer, Basel</i>
10:30	Break	
	Non atherosclerotic disease: Chair: S. Wegener	
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>
12:30	Lunch	
	Steno-occlusive disease I: Chair: H. Gensicke	
13:45	Sonographic assessment of plaque burden and morphology	<i>D. Staub, Basel</i>
14:30	Atherosclerosis: Grading of Stenosis of extracranial Arteries	<i>F. Perren, Lausanne</i>
15:30	Break	
	Steno-occlusive disease II: Chair: H. Gensicke	
15:45	CT- and MR-Angiography: Methods and pitfalls for grading of stenosis and plaques imaging	<i>R. Wiest, Bern</i>
16:30	Treatment of extra-and intracranial stenosis	<i>H. Gensicke, Basel</i>

Saturday	April 12	
	Principles of Transcranial Doppler-/Duplex-sonography: Chair: S. Wegener	
09:00	Examination of intracranial vessels	<i>B. Wagner, Basel</i>
09:45	Hyperperfusion vs. vasospasms / stenosis	<i>C. Inauen, Zurich</i>
10:30	Break	
10:45	Emboli detection and cerebrovascular reserve capacity	<i>S. Wegener, Zurich</i>
11:30	Subclavian steal syndrome	<i>C. Thalhammer, Aarau</i>
12:30	Lunch	
	Group A (Chair: H. Gensicke)	Group B (Chair: S. Wegener)
13:45	Case problem presentation extracranial (<i>C. Thalhammer, Aarau</i>)	Hands On (<i>Wegener, Heldner, Inauen, Wagner, Antonenko</i>)
14:30	Case problem presentation transcranial (<i>C. Tränka, Basel</i>)	
15:15	Break	
	Group A (Chair: S. Wegener)	Group B (Chair: H. Gensicke)
15:30	Hands On (<i>Wegener, Heldner, Inauen, Wagner, Antonenko</i>)	Case problem presentation extracranial (<i>C. Thalhammer, Aarau</i>)
16:15		Case problem presentation transcranial (<i>C. Tränka, Basel</i>)
	All participants (groups A and B)	
17:15	Debriefing	<i>S. Wegener, Zurich</i> <i>H. Gensicke, Basel</i>