



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

Academy of the Swiss Society of Clinical Neurophysiology 16th Annual Course – 2026

Course of Neurosonology and Joint Meeting with Swiss Society for Ultrasound in Medicine, Vascular Section

April 10-11, 2026

(2 x 8 Credits SGKN/SNG/SGUM)

Organization:

Proff. Susanne Wegener, Zurich / Henrik Gensicke, Basel

Location:

Auditorium Maurice E. Müller, Operationstrakt Ost, Inselspital Bern

Friday	April 10	
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	Ultrasound grading of extracranial stenosis	<i>P. Baumgartner, Zürich</i>
14:30	Treatment of extracranial stenosis	<i>H. Gensicke, Basel</i>
15:15	Break	
	Steno-occlusive disease II: Chair: H. Gensicke	
15:30	Ultrasound assessment of plaque burden and morphology	<i>B. Wagner, Basel</i>
16:15	CT- and MR-Angiography: Methods and pitfalls for grading of stenosis and plaques imaging	<i>R. Wiest, Bern</i>
17:00	Debriefing	<i>S. Wegener, Zurich H. Gensicke, Basel</i>

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