

11th ESO ESMINT ESNR Stroke Winter School 2024

Course program

Seminar
Break/Lunch
Workshop

Tuesday 30th January 2024

Arrival in Bern at lunchtime

Time	Welcome & Introduction		Speaker
	Chair: Tomas Dobrocky, Thomas Meinel		
13:30	Welcome to the 11 th ESO, ESMINT, ESNR Welcome of the local organisation committee		P. Kelly / S. Sacco (ESO) Z. Kulcsar (ESMINT) J. Gralla (ESNR) T. Dobrocky E. Piechowiak S. Pilgram-Pastor J. Gralla T. Meinel U. Fischer S. Jung
	Introduction, Prehospital and Stroke Imaging Chair: Götz Thomalla, Manon Kappelhof		
14:00	Global burden of stroke and impact on brain health (20 min)		P. Kelly, Ireland
14:20	Pre-hospital management and LVO detection (25+5 min)	Recognition of stroke and of LVO, management during transport (blood pressure, oxygen, head position), pre-notification, reducing onset-to-door times, optimization of the acute chain, peri-interventional blood pressure management	H. Audebert, Germany
14:50	Acute Stroke imaging: CT, MRI or direct to the angio (25+5 min)	NCCT, CTA, MR, DTA, Advanced imaging details will be covered in the workshops	E. Piechowiak, Switzerland
15:20	Early outcome prediction, restriction of treatment (25+5 min)	Most important predictors, Outcome model performance, pre- and post-intervention, time and causes of death, palliative care	E. Venema, Netherlands
15:50	Break		
	Topic: State of the Art: Thrombolysis Chair: Eike Piechowiak, Esmee Venema		
16:20	Evidence of acute stroke treatment 2023 (30 min)	On label IVT (Neurology 15 min) shorten historical introduction, time-window, deficit, PRISMS, NOT TNK (will be covered separately)	U. Fischer

		On label MT (Neuroradiology 15 min) Shorten historical introduction, HERMES, DAWN, DEFUSE, ATTENTION, BAOCHE,	
16:50	IVT: contraindications, surveillance and how to manage complications (25+5 min)	Absolute and relative contraindications (DOAC covered in separate topic), surveillance during IVT (glucose, blood pressure, neurological exam), management of: sICH, systemic bleeding, orolingual edema	G. Thomalla, Germany
17:20	Bridging thrombolysis (20+5 min)	Bridging IVT, IVT instead of MT,	M. Kappelhof, Netherlands
17:45	Tenecteplase and other fibrinolytics (15 min)	AcT, NORTEST1/2, EXTEND-IATNK1/2, TASTE, reteplase, modified staphylokinase, shortage of lytics	M. Heldner, Switzerland
18:00	Organizational topics		

Time	Topic: Acute stroke treatment		Speaker
	Chair: Diana Aguiar de Sousa, David Seiffge		
	State of the Art: Thrombectomy		
08:00	EVT: when to refuse a patient for EVT in LVO (25+5 min)	large core, MAGNA/TESLA, low NIHSS, NOT distal occlusions (covered in separate talk)	Z. Kulcsar, Switzerland
08:30	New work-flow in the angiosuite (25+5 min)	flat-panel perfusion, intra-arterial thrombolysis	J. Kaesmacher, Switzerland
09:00	Hot topic: medium and distal vessel occlusion: how to treat? (25+5 min)	Evidence, Technical aspects, risk/benefit decisions, P1-occlusions	M. Psychogios, Switzerland
09:30	Break		
	Roads less travelled		
	Chair: Thomas Meinel, Rosalie McDonough		
10:00	Cerebral venous thrombosis: Acute medical management, off-label IVT & thrombectomy (25+5min)	Symptoms and diagnosis of CVT, medical management (DOAC, LMWH), off-label IVT, MT and neurosurgical options	D. Aguiar de Sousa, Portugal
10:30	Intracerebral hemorrhage: medical management (blood pressure, edema), neurosurgical indications (25+5min) - the Neurologists view - the Neurointensivist view	Neurology: Next steps after the imaging shows ICH instead of ischemia: blood pressure, hemostatic agents (also in DOAC patients) Neurosurgeon: EVD indications (supra/infratentorial), open surgery, minimal invasive techniques, intraventricular fibrinolysis	D. Seiffge, Switzerland J. Kuramatsu, Germany
11:00	Pediatric strokes: Be aware! (15+5 min)	Acute stroke	M. Kossorotoff, France
11:20	Cervical artery dissections and carotid web (15+5 min)	Hyperacute medical management including IVT, special considerations for MT	R. McDonough, Canada
11:40	Ocular and spinal ischemia (15+5 min)	CRAO: IVT/IA-lysis, medical management	S. Poli, Germany
12:00-13:15	Lunch Meeting of the Faculty of 11 th ESO-ESMINT-ESNR <i>SITEM Auditorium2</i>		Neuroradiologist Faculty Neurologist Faculty
	Afternoon: separate program for neuroradiologists and neurologists		
13:20	Meeting point for the workshops and skills training in front of the auditorium (SITEM)		
13:30	Neurologists Clinical training in advanced neuroimaging (4 groups) Others: see specific topics		Neurologist Faculty
13:30	Neuroradiologists Skills training in interventional neuroradiology (4 groups)		Neuroradiologist Faculty

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Time	Topic Individualized treatment		Speaker
	Chair: Simon Jung, Franziska Dorn		
	Difficult clinical settings I		
08:30	Stenting of intracranial stenosis (20+5 min) yes / no debate	New ESO guideline, CASSISS, SAMPRIS, WEAVE, ...	R. Chapot, Germany (yes) P. Michel, Switzerland (no)
08:55	Stroke in patients with preceding anticoagulation and hyperacute antithrombotic therapy (20+5 min)	Stroke in DOAC, POINT/THALES, antithrombotics/ anticoagulation for MT	T. Meinel, Switzerland
09:20	Stroke mimics and stroke chameleons: - view of the neurologist - view of the neuroradiologist (25+5 min)		B. Volbers, Switzerland R. Wiest, Switzerland
09:50	Stroke in late Time-window (20 min)		W. van Zwam, Netherlands
10:10	Break		
	Chair: Bastian Volbers, Linxin Li		
	Preventing and managing complications		
10:30	Minimising the risks of symptomatic intracranial hemorrhage following reperfusion treatments (15+5 min)	sICH prediction IVT, sICH prediction MT, modifiable risk factors, risk/benefit	K. Treurniet, Netherlands
10:50	TIA, TIA-mimics and mild stroke (20+5 min)	CAA spells	L. Li, UK
11:15	Post reperfusion monitoring and stroke care according to recanalization status (25+5 min)	(Oxygenation, Dysphagia, Infections, Stroke and Trop, management of brain edema, monitoring, seizures).	W. Pfeilschifter, Germany
11:45-12:30	Lunch		
	Chair: Johannes Kaesmacher, Waltraud Pfeilschifter		
	Carotid Revascularisation		
12:30	CEA and CAS: when to use what for symptomatic carotid stenosis (50+10)	If MT, if no MT, which antithrombotic regimen, relative preference for each modality.	F. Dorn, Germany M. Müller, Switzerland
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Friday 2nd February 2024

Time	Topic: Set up and Infrastructure		Speaker
	Chair: Tomas Dobrocky, Michael Hill		
	Set up and Infrastructure		
09:00	In-hospital stroke management (10+5 min)		S. Jung, Switzerland
09:15	Flying doctor concept and other stroke network organisation forms (20+5)	RACECAT, TEMPIS	G. Hubert, Germany
09:40	Adjunct Technologies in the Angiography Suite – remote future? (15+5)	Flat Panel, Hyperdense Sign	S. Pilgram-Pastor, Switzerland
10:00	Neuroanesthesiology during and after thrombectomy (15+5)	CS, LA, OPTIMATE, INDIVIDUATE	S. Schönenberger, Germany
10:20	Break		
10:50	Case Discussions, Morbimortality Corner My worst memory! – Advice Piechowiak/Dobrocky/Pilgram-Pastor, Meinel/Jung		
11:50	Tips & Tricks in EVT (20 + 5min)		J. Gralla, Switzerland
12:15	Break		
	Chair: Gordian Hubert, Sara Pilgram-Pastor		
	The crystal ball		
13:15	Neuroprotection (25+5 min)	NA1, Oxygen, hypothermia	M. Hill, Canada
13:45	How to build up a Stroke Center and serve a large catchment area – An example of a successful blueprint from Vietnam (15+5 min)		T. Cuong, Vietnam
14:05	The future of ischemic stroke management (20+5 min)		T. Dobrocky, Switzerland
14:30	Farewell		T. Dobrocky, Th. Meinel Switzerland