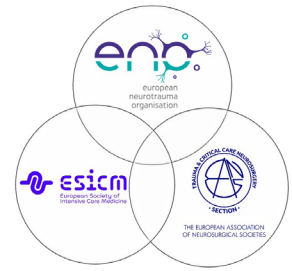




EUROPEAN LUND, SWEDEN
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SUMMIT NOVEMBER 12-14, 2025



European Neurotrauma Organisation (ENO)

European Society of Intensive Care

Medicine (ESICM)

European Association of Neurosurgical

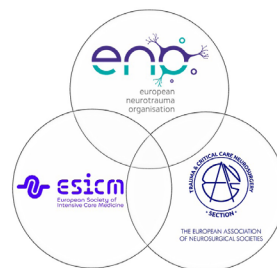
Societies (EANS)- Trauma Section

Neurotrauma Summit Lund

Nov 12-14 2025



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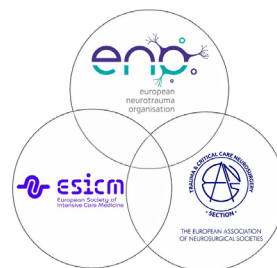
Tuesday November 11th

WORKSHOPS

Lecture room:	Lecture room:	Lecture room:	Lecture room:
10:00 - 13:00 Preclinical Neuroimaging Federico Moro & Marcello De Salvo	10:00 - 13:00 Clinical Neuroimaging TBA	10:00 - 13:00 SCI Modeling Valeria Veneruso	10:00 - 13:00 Open Science Alberto Villagran & Anja Betz
Lecture room:	Lecture room:	Lecture room:	Lecture room:
14:00 - 17:00 Preclinical Neuroimaging Federico Moro & Marcello De Salvo	14:00 - 17:00 Clinical Neuroimaging TBA	14:00 - 17:00 SCI Modeling Valeria Veneruso	14:00 - 17:00 Open Science Alberto Villagran & Anja Betz
	EANS/ESICM/ENO- optional		
	ENO working group meetings		
	IntBir meeting/assembly		



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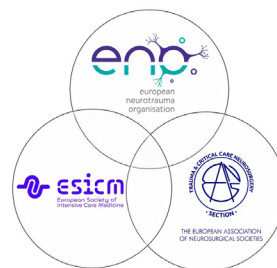
Tuesday November 11th

**EANS Trauma Section Crash course
PreEANS course**

09:00 - 09:45	<p>Multimodal monitoring and precision medicine for individualized treatment strategies in TBI and role of AI <i>Elham Rostami</i></p> <p>Post-Traumatic Hydrocephalus: Diagnostic Challenges & Surgical solutions <i>Corrado Iaccarino (Online)</i></p> <p>ICP, PbtO₂, and Microdialysis Monitoring: Principles, Surgical Techniques, and Practical Tips <i>Laura Lippa & Elham Rostami</i></p>
10:00 - 12:00	<p>Hands-On stations <i>Elham Rostami & Laura Lippa</i></p> <p>Hands-On Neurocritical Care Course Overview Participants rotate through four interactive training stations, each designed to build practical skills and understanding of core monitoring and therapeutic techniques in neurocritical care and hydrocephalus management:</p> <p>Cranial Monitoring & Valve Station Practice on integrated manikins/skulls equipped for ICP monitoring and placement of external ventricular drains (EVD). Includes exposure to brain tissue oxygen probes (pbrO₂) and hands-on experience with shunt valves. Participants drill burr holes and set up monitoring hardware, simulating acute and chronic intracranial pressure scenarios.</p> <p>Microdialysis Station Learn the principles and application of cerebral microdialysis, including catheter setup and sampling. Gain experience interpreting real-time metabolic data for brain injury patients and discuss its integration into multimodal monitoring protocols.</p> <p>Miethke Shunt & Advanced ICP Station Train in the use, adjustment, and troubleshooting of Miethke shunt valves, with practical demonstration of shunt management in hydrocephalus and post-traumatic contexts. Includes hands-on with advanced ICP monitoring systems (e.g., Raumedic/Medtronic) and case discussions focused on shunt-related complications and pressure management.</p> <p>Valve and Pathophysiology Station Demonstrations and discussion on shunt valve technologies in relation to post-traumatic hydrocephalus (PTH). Participants evaluate valve settings, flow characteristics, and mechanisms, with applied case scenarios illustrating clinical decision-making.</p> <p>Each station incorporates guided simulation and active participation. Clinical teaching links pathophysiological concepts to technical procedures, reinforcing multidisciplinary approaches to complex neurocritical care.</p>



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Tuesday November 11th

**EANS Trauma Section Crash course
PreEANS course**

Lectures

“Evolution, Impact, and Future Directions of the Brain Trauma Foundation Guidelines in Severe Traumatic Brain Injury”
(SIBICC, BTF)

Gregory Hawryluk

Penetrating Brain injury

Gregory Hawryluk

Neurosurgical management of combat-related penetrating traumatic brain injury

Mattias Sköld (Online)

Concussion- back to sport/School

Niklas Marklund

Management of traumatic brain injury in older adults

Alfonso Lagares

TBI & Polytrauma

Laura Lippa

Advances in Pediatric TBI: Tailoring Monitoring and Management to the Developing Brain

Anthony Figaji (Online)

12:30

-

17:00

Posttraumatic seizures

Ana Maria Castano Leon

Hemi- & bifrontal craniectomy, primary/secondary craniectomy, surgical aspects and clinical trial

Peter Hutchinson (Online)

Intraoperative Hemostasis in Trauma Neurosurgery: Strategies for Managing Venous Sinus Injuries

Andras Buki

Skull fracture & CSF

Péter Tóth

Sex Differences in TBI

Daniel Pinggera

Imaging in TBI - Modalities, Timing and Pitfalls

Daniel Pinggera

Epidemiology of Traumatic Brain Injury: Pitfalls and Challenges

Yasmina Molero

The evolution of TBI trials and studies across 50 years

Andrew Maas

Case discussions: *Andras Buki, Niklas Marklund, Alfonso Lagares*



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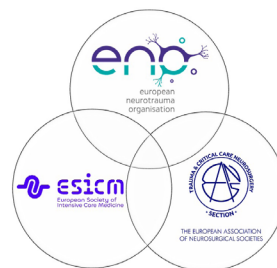


Wednesday November 12th

08:30-09:00	Introduction and welcome
09:00-10:30	New TBI classification from a European perspective <i>Andrew Maas, ENO</i> <i>Ramon Diaz-Arrastia & Virginia Newcombe</i>
10:30-11:00	Coffee break
11:00-12:30	Emerging technologies (e.g., Continuous monitoring, AI) EANS <i>Tom Theys (Leuven): invasive and non-invasive EEG in TBI monitoring</i> <i>Ana Maria Castano Leon (Madrid): AI in TBI</i> ESCIM <i>Erta Baquari</i> ENO <i>Andras Buki: Adjuncts to multimodal monitoring: protein biomarkers and beyond</i> <i>Jussi Posti: Microbiota-gut-brain axis after TBI: any monitoring or treatment targets?</i>
12:3-14:00	Lunch, posters & exhibition
14:00-14:45	Data Blitz ESICM ENO EANS
15:00-15:30	Selected PhD/post-doc presentations EANS ESICM ENO
15:30-16:00	Coffee break
16:00-17:00	Novel pathobiological mechanisms for classification and treatments EANS: <i>Peter Toth</i> ESICM: <i>Edward Neednam - neuroinflammation</i> ENO: <i>Igor Khalin (BBB)</i>
17:00-17:20	J Neurotrauma update <i>Nikolaus Plesnila & Niklas Marklund</i>
19:00-23:00	Get together at AF-borgen



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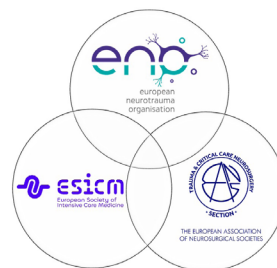


Thursday November 13th

08:30- 09:00	Sponsor breakfast seminars		
	Imaging, Biomarkers and Monitoring		
09:00-10:30	EANS: <i>Alfonso Lagares</i> : report on the Braini studies ESICM: <i>Jonathan Coles</i> ENO: <i>Inga Koerte</i>		
10:30-11:00	Coffee break		
	Different approaches to diverse neurotrauma populations		
	EANS <i>Aurelia Peraud</i> : ped TBI management <i>Jonas Stenberg</i> : KI concussion management, post-concussive symptoms		
11:00-12:30	ESICM <i>Shruti Agrawal</i> : Paediatric ICU <i>Mathieu Van der Jagt</i> : Elderly TBI		
	ENO <i>Alexander Younsi</i> (geriatric TBI)		
12:30-13:00	Lunch Symposium - Abbot		
12:30-14:00	Lunch, posters & exhibition		
	ESICM	ENO Strategies to overcome Translational Gap <i>Nikolaus Plesnila</i> <i>Asla Pitkänen</i>	EANS Surgical guidelines: are we up for an update? <i>Thomas Van Essen</i> : ASDH <i>Elham Rostami</i> : contusions <i>Rick Vreeburgh</i> : DC size and location <i>Greg Hawryluk</i> : BTF view and concluding remarks
14:00-15:00			
15:00-15:30	TBI/SCI Patients' Perspective/Voice		
15:30-16:00	Coffee break		
	Translational aspects of spinal cord injury		
16:00-17:00	<i>Samira Saadoun</i> : Spinal cord injury: from the lab to the clinic EANS: <i>Armin Curt</i> : intrathecal antibodies to Nogo-A in patients with acute cervical spinal cord injury Future development of SIBICC guidelines: <i>Greg Hawryluk</i>		
19:00-23:00	Banquet dinner att AF-borgen		



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Friday November 14th

08:30-09:00	Sponsor breakfast seminars
09:00-10:30	<p>Short and Long-term Dynamics of Neurotrauma (from initial insult to neurodegeneration)</p> <p>EANS <i>Yasmina Molero</i>: long term TBI effects <i>Niklas Marklund</i>: dementia risk in TBI and sports concussion</p> <p>ESICM <i>Cecilia Åkerlund</i>: AI to understand acute trajectories</p> <p>ENO <i>Elisa Zanier & Adel Helmy</i></p>
10:30-11:00	Coffee break
11:00-12:30	<p>Advancing therapeutic options in Neurotrauma: learning lessons from clinical and experimental studies</p> <p>EANS <i>Wilco Peul</i>: complement inhibition in TBI <i>Bart Depretere</i>: rehabilitation for persistent postconcussion symptoms</p> <p>ESICM <i>Elisa Bogossian</i></p> <p>ENO <i>David Loane & Francesca Pischiutta</i></p>
12:30-14:00	Lunch, posters & exhibition
14:00-15:00	<p>Young Investigators Awards</p> <p>Concluding talks: Future directions/networking ENO/ESICM/EANS</p>
15:00-15:15	Farewell