

NNC2017

1st Nordic Neurotrauma Conference
2017, Lund, Sweden



Welcome to the 1st Nordic Neurotrauma Conference, Nov 13-15 in Lund, Sweden!

The Scandinavian Neurotrauma Committee (SNC) is proud to present and initiate this multidisciplinary meeting place for clinicians and researchers interested in the exciting field of neurotrauma. The Nordic countries have a rich history in developing current neurotrauma care with on-going dedication and progress in many different areas of the field. Neurotrauma injuries are still amongst the most common indications to seek emergency care and account for the highest mortality in younger adults. The brain is still relatively poorly understood and current efforts aim to improve our understanding of the mechanisms and care of brain injuries.

As we all can acknowledge, neurotrauma care is no doubt a multidisciplinary discipline. This upcoming meeting will appeal to both clinical specialists, as well as clinicians undergoing specialist training, in areas such as emergency medicine, neurosurgery, anaesthesiology, intensive care, neurology, general surgery, orthopaedic surgery, rehabilitation medicine, pain medicine, radiology, neuropsychology, clinical chemistry, coagulation medicine and vascular surgery.

We aim to hold a meeting that reflects the clinical reality. Hence, the NNC meeting will have a clinical patient-oriented emphasis, although experimental/animal research with obvious clinical implications will also be encouraged. Topics, such as Prehospital Care, ER management, Coagulation in Neurotrauma, Spinal Cord Injuries, Neurotrauma in Sports, Imaging in Neurotrauma, Neurobiomarkers, Neurointensive Care and Rehabilitation will ensure that this clinical multidisciplinary aspect we feel so important is widely covered. We will also incorporate interactive sessions as much as possible in order to involve participants in these important subjects. Specially invited top international speakers will present new exciting data and discuss important clinical problems. Among others, Andrew Maas (Belgium), David Menon (UK), Grant Iverson (USA), Virginia Newcombe (UK), Fiona Lecky (UK), David Menon (UK) and Peter Hutchinson (UK) will be speaking, alongside the foremost Nordic experts in neurotrauma. There will be opportunities to present abstracts, both as posters and oral presentations, with a special prize, the Bertil Romner Award, for the best abstract.

We aim to have an exciting and relevant educational program, which gives those who undergo specialist training a chance to learn from the experts in the field. This will take place in the form of workshops, interactive presentations and interactive surveys on current practices. Also, we will strive to initiate a research platform within the NNC, involving multicentre, international, high quality research projects and guidelines.

NNC aims at being an annual eagerly awaited event and gathering place for all those interested in the clinical care and research in neurotrauma.

We look forward to seeing you in Lund!

Regards, on behalf of the Scandinavian Neurotrauma Committee

Johan Undén, Lund, Sweden
Olli Tenovuo, Turku, Finland
Knut Wester, president, SNC

MONDAY November 13	TUESDAY November 14	WEDNESDAY November 15
<p>09:00-10:45 Registration</p>	<p>09:00-10:30 Emergency management II (Imaging, Biomarkers and Coagulation) Chairmen: Ramona Åstrand, Kent Gøran Moen</p> <p>Luc van den Hauwe State-of-the-art neuroimaging in neurotrauma</p> <p>Raj Rahul CT imaging scoring systems – only for outcome prediction or could they also serve as important clinical assesment tools?</p> <p>Rashindra Manniesing Computer aided diagnosis in trauma imaging: current developments and the potential role of deep learning</p> <p>Peter Biberthaler Clinical experience with S100B in mild TBI</p> <p>Jacob Stensballe Coagulopathy and antitrombotic agents in TBI.</p>	<p>09:00-10:30 Neurosurgical care Chairmen: Ramona Åstrand, Zandra Olivecrona</p> <p>Per Enblad, Magnus Olivecrona Craniotomy in local hospitals - pros and cons</p> <p>Peter Hutchinson Early craniectomy in neurotrauma – pros and cons (rescue-ICP)</p> <p>Tsega Laeke Surgery for head injured patients in low-income countries</p> <p>Christina Rosenlund, Jari Siironen, Erik Edström, Ole Solheim Case presentations - What is a neurosurgical patient and how do we treat?</p>
<p>10:45-12:00 Welcome</p> <p>Introductory Lectures</p> <p>Grant Iverson Mild traumatic brain injury across the lifespan</p>	<p>11:00-12:30 Ethics, outcome and long-term consequences Chairmen: Christina Rosenlund, Grant Iverson</p> <p>Morten Dige Foregoing treatment based on ethical reasons</p> <p>Marco Brizzi What is a good outcome – who should decide?</p> <p>Aniko Bartfai Mechanisms of fatigue</p> <p>Birgitta Johansson Treating the cognitive sequels of TBI</p> <p>Olli Tenovuo Is TBI a progressive chronic disease?</p>	<p>11:00-12:30 Neurointensive Care I (neuromonitoring and imaging) Chairmen:Bo-Michael Bellander, Peter Reinstrup</p> <p>Carl-Henrik Nordström, Mårten Unneback Multimodal monitoring (Microdialysis, PTIO2 and online CBF)</p> <p>Andrew Maas, P-O Grände General concepts of neurointensive care in neurotrauma (America and Europe versus Lund)</p> <p>David Menon What is elevated ICP and when should it be treated?</p>
<p>12:00-13:30 Epidemiology and prevention Chairmen: Tor Brommeland, Olli Tenovuo</p> <p>Marek Majdan European epidemiology aspects - centerTBI</p> <p>Olli Tenovuo Neurotrauma – global aspects</p> <p>Claes Hulting The POC Lab: The forefront of safety – protecting the brain and spine</p> <p>Karin Brolin Impact biomechanics: Using human body models to evaluate the efficacy of cervical collars in cervical instability</p> <p>Svein Kleiven Biomechanic research and head injury prevention</p>	<p>Coffee break, posters & exhibition</p>	<p>Coffee break, posters & exhibition</p>
<p>14:00-15:30 Prehospital care Chairmen: Terje Sundstrøm, Mads Aarhus</p> <p>Terje Sundstrøm Rethinking prehospital c-spine immobilization</p> <p>Vagn Eskesen ATLS principles in neurotrauma</p> <p>Leif Rognås Pre-hospital airway management in patients with traumatic brain injury</p> <p>Thomas Lindner & Kristi G. Bache The future of air ambulance: Air CT</p> <p>Fiona Lecky ABC vs D - what is the priority in the patient who could have TBI and/or extracranial injuries</p>	<p>13:30-15:00 Sports Chairmen: Niklas Marklund, Ingunn Rise Kirkeby</p> <p>Tiina Laitala-Leinonen Sideline assessment and management - overview and current controversies</p> <p>Teemu Luoto Concussion and their prevention in elite sports</p> <p>Mixed martial art and boxing- what can biomarker tell us of ongoing brain injury?</p> <p>Grant Iverson A critical review of chronic traumatic encephalopathy</p> <p>Niklas Marklund PET/MR evaluation of athletes with post-concussion syndrome</p>	<p>13:00-14:00 Neurointensive Care II (biomarkers, coagulations) Chairmen:Bo-Michael Bellander, Peter Reinstrup</p> <p>Ulf Schött Optimal time to introduce thrombosis prophylaxis in neurotrauma patients</p> <p>Erik Thelin Biomarkers and neurointensive care. Evidence and issues</p> <p>Virginia Newcombe The recipe for success in performing ultra early head MRI in the neurointensive care patient</p> <p>Anne Vik What should clinicians know about traumatic axonal injury? An update</p>
<p>Coffee break, posters & exhibition</p>	<p>Lunch</p>	<p>Light lunch, posters & exhibition</p>
<p>16:00-17:30 Emergency management I (guidelines and trauma teams) Chairmen: Ramona Åstrand, Johan Undén</p> <p>Kjell Ögren Triage of neuropatients in mass trauma casualties</p> <p>Olga Calcagnile & Ramona Åstrand Management of minor and moderate head trauma patients according to SNC guidelines (adults and children)</p> <p>Teemu Luoto Experience from a local hospital after implementation of the SNC adult guidelines</p> <p>Tor Brommeland When should we do a CT angio? Dissection, pseudoaneurysms and cerebral infarction – what are the risks and how do we treat?</p> <p>Knut Wester Is “shaken baby” always a shaken baby?</p>	<p>15:30- 17:00 Spine Chairmen: Tor Brommeland, Terje Sundstrøm</p> <p>Hege Fredø Clearing the spine in the obtunded patient</p> <p>Mikkel Rasmussen Intraspinal pressure monitoring - the future in spinal cord injury treatment?</p> <p>Claudiud Thomé Future treatment of a cervically fractured patient (incl neuronavigation)</p> <p>Kay Müller Mean arterial blood pressure treatment in acute spinal cord injury</p>	<p>14:00-14:15 Johan Undén Bertil Romner Award</p> <p>14:15-14:45 Andrew Maas Farewell lecture</p>
<p>19:00-23:00 Pub evening</p>	<p>19:00-23:00 Conference Dinner - AF borgen</p>	