

FRIDAY 14th OF JUNE

14.06.2024 EET; UTC+02:00



15th CONGRESS OF THE BALTIC
NEUROSURGICAL ASSOCIATION

14 - 15 June, 2024
Riga, Latvia

08:00 – 09:00 Registration

09:00 – 09:20 Opening ceremony

Minister of Health of the Republic of Latvia **Hosams Abu Meri**
President of the EANS, Head of Department of Neurosurgery at the National
Hospital of Denmark, Rigshospitalet **Prof. Torstein R. Meling**
The Head of Latvian Neurosurgical Society, **Assoc.prof. K. Auslands**

09:30 – 10:30 I SESSION – NEUROSURGERY – PRESENT AND FUTURE

Moderators: T. Meling, A. Demetriades, L.Rasulić

09:30 – 09:45 Torstein Meling. Training of Neurosurgeons: the EANS perspective

09:45 – 10:00 Andreas Demetriades. Embracing modern technology in Neurosurgery –
challenges and implementation

10:00 – 10:15 Lukas Rasulić. Innovation and Research in Peripheral Nerve Surgery

10:15 – 10:30 Magnus Tissel. Neurosurgery in Subsaharan Africa

10:30 – 10:40 Discussion, Q&A session

10:40 – 11:10 Coffee break

11:10 – 13:35 II SESSION – NEUROONCOLOGY

Moderators: C.Mawrin, V.Lubrano, O.Voznyak

11:10 – 11:25 Christian Mawrin. Molecular characterization of brain tumors –
the CNS 5 WHO classification

11:25 – 11:40 Jelena Ščerbak. The importance of genetics in the management of brain gliomas

11:40 – 11:55 Žilvinas Chomanskis. Systematic approach to the diagnosis of CNS lymphoma

11:55 – 12:10 Aleksandrs Krīgers. Fluorescence (5-ALA, ICG, Yellow) in glioma surgery

12:10 – 12:25 Vincent Lubrano. Glioblastoma heterogeneity: implications for local treatments

12:25 – 12:40 Antanas Gvazdaitis, Pavel Kačnov. Management of midbrain pilocytic astrocytomas

12:40 – 12:55 Mihaela Horoi, Normunds Ruņģevics – Kiseļovs. Minimally invasive vestibular
swannoma endoscopic removal

12:55 – 13:10 Oleksandr Voznyak. Hearing preservation in patients with vestibular swannoma

13:10 – 13:25 Dace Zvirgzdiņa. Endoscopic transsphenoidal surgery

13:25 – 13:35 Discussion, Q&A session

13:35 – 14:35 LUNCH BREAK

14:35 – 16:05 III SESSION – TRAUMA AND CRITICAL CARE

Moderators: N.Marklund, A.Preikšaitis, F.Sala

- 14:35 – 14:50 Niclas Marklund. Recent advances in sports concussion
- 14:50 – 15:05 Christian F. Freyschlag. Management of chronic subdural hematoma.
- 15:05 – 15:20 Aidanas Preikšaitis. Cerebrovascular autoregulation in TBI
- 15:20 – 15:35 Aleksandrs Krīgers. Neurosurgical ICU
- 15:35 – 15:50 Aistė Visockytė. Cysternostomia in severe TBI
- 15:50 – 16:05 Gediminas Lukšys. Intracranial hypotension

16:05 – 16:15 Discussion, Q&A session

16:15 – 16:45 Coffee break

16:45 – 18:30 IV SESSION – SPINAL NEUROSURGERY

Moderators: C.Thome, Christian F. Freyschlag, M.Buks

- 16:45 – 17:00 Claudius Thomé. Timing of disc surgery and anular closure
- 17:00 – 17:15 Niclas Marklund. Post-traumatic myelopathy – surgical technique and results
- 17:15 – 17:30 Francesco Sala. Spinal cord tumor surgery in the era of Neuromonitoring: advantages and limitations
- 17:30 – 17:45 Martynas Račkauskas. Only fixation for cervical spondylosis
- 17:45 – 18:00 Māris Buks, Aija Tumova. The epidemiology of spondylodiscitis: A retrospective single-center analysis of incidence rates, pathogens, in-hospital mortality, and hospital stays between 2012 and 2022
- 18:00 – 18:15 Ona Lapteva. Evaluation of spinal balance
- 18:15 – 18:30 Agnese Ozoliņa. Efficacy of erector spine plane block in lumbar spinal neurosurgery

18:30 – 18:40 Discussion, Q&A session

20:30 – 01:00 CONGRESS DINNER

SATURDAY 15th OF JUNE

15.06.2024 EET; UTC+02:00

08:30 – 08:55 **PLATINUM SPONSOR (BBRAUN) LECTURE**

“Benefits of neuroendoscopy with a focus on intraventricular and transnasal procedures performed with MINOP systems from Aesculap”

Peter Vacek, MD, PhD, Charles University Hospital in Pilsen, Czech Republic

09:00 – 09:30 **V SESSION – LEGACY OF BALTIC NEUROSURGICAL ASSOCIATION**

Moderators: T.Asser, J.Puriņš, A.Gvazdaitis

09:00 – 09:10 Toomas Asser. Legacy of Baltic Neurosurgical association

09:10 – 09:20 Juris Puriņš. The first Baltic congress of neurosurgery in Riga

09:20 – 09:30 Antanas Gvazdaitis. History and heritage of neurosurgery in Lithuania

09:30 – 09:40 **Discussion, Q&A session**

09:40 – 11:35 **VI SESSION – RADIOSURGERY/FUNCTIONAL AND EPILEPSY SURGERY**

Moderators: S.Rocka, T.Rätsep, S.Marasanov

09:40 – 09:55 Sergerj Marasanov. Current status of radiosurgery for cavernomas

09:55 – 10:10 Šarūnas Tamašauskas. Gama knife radiosurgery: pros and cons

10:10 – 10:25 Māris Mežeckis. Stereotactic Radiosurgery for Cerebral Arteriovenous Malformations in Latvia: A Single-Center Analysis 2016 – 2024

10:25 – 10:40 Vladyslav Buryk. Robotic Radiosurgery in comprehensive treatment of brain and spine tumors

10:40 – 10:55 Tõnu Rätsep. Spinal cord stimulation in patients with neuropathic pain due to failed back surgery syndrome

10:55 – 11:10 Saulius Rocka. VNS surgery – Vilnius center experience

11:10 – 11:25 Volodymyr Smolanka. How to predict long term outcome in MVD for trigeminal neuralgia

11:25 – 11:35 **Discussion, Q&A session**

11:35 – 12:00 **Coffee break**

12:00 – 13:30 VII SESSION – VASCULAR/SKULL BASE

Moderators: V.Smolanka, D.Netuka, M.Ivanov

- 12:00 – 12:15 Asra Al Fauzi. Cranial Keyhole Surgery: Should It Be a Standard in Our Daily Practice?
- 12:15 – 12:30 David Netuka. Czech multicenter study on skull base meningiomas
- 12:30 – 12:45 Marcel Ivanov. Neurosurgical management of intramedullary vascular malformations
- 12:45 – 13:00 Karolis Simaitis. Decompressive hemicraniectomy in ischemic stroke
- 13:00 – 13:15 Karolis Bareikis. Early brain injury in aneurysmal subarachnoid hemorrhage
- 13:15 – 13:30 Sanita Ponomarjova. Challenges in cerebral vasospasm treatment

13:30 – 13:40 Discussion, Q&A session

13:40 – 14:40 LUNCH BREAK

14:40 – 15:20 VIII BEST ABSTRACT SESSION

Moderators: A.Asser, E.Valeinis, R.Bricis

- 14:40 – 14:50 Victoria Schön. Subgaleal Drainage with One Burr-hole for Chronic Subdural Hematomas: Our 2-Years' Experience
- 14:50 – 15:00 Andres Asser. Selective Dorsal Rhizotomy (SDR) - Implementing a New Option for Treatment of Spasticity in Estonia
- 15:00 – 15:10 Marius Slisers. 6-year results of high-frequency (10 kHz) spinal cord stimulation in persistent spinal pain syndromes and other conditions associated with chronic neuropathic pain
- 15:10 – 15:20 Matthias Demetz. The role of postoperative blood pressure management in early postoperative hemorrhage in awake craniotomy glioma patients

15:20 – 15:30 Discussion, Q&A session

15:30 – 17:45 IX BALTIC SESSION. BRAIN&SPINE

Moderators: A.Krīgers, G.Lukšys, A.Preikšaitis

- 15:30 – 15:45 Dace Zvirgzdiņa. Clinical governance, audits, and quality improvement projects
- 15:45 – 16:00 Mindaugas Urbonas. Clinical experience in Kaunas clinics managing hydrocephalus with telemetric sensors
- 16:00 – 16:15 Lukas Šalaševičius. Anatomical involvement patterns of insular gliomas
- 16:15 – 16:25 Līga Gribuste, Līga Krūmiņa. Rehabilitation program of neuro-oncological patients - Riga East Clinical University hospital
- 16:25 – 16:30 Dmitrijs Gavriļins. Breast Cancer Metastasis in Brachial Plexus Mimicking Ulnar Nerve Neuropathy in Cubital Canal: A Case Report
- 16:30 – 16:35 Kārlis Puriņš. Cauda equina syndrome caused by Aspergillus fumigatus infection

16:35 – 16:50 Giedrius Bernotavičius. Surgical treatment of pediatric scoliosis

16:50 – 17:10 Ugnius Kšanas. Inoperable cases in neurosurgery

17:10 – 17:25 Lukas Piliponis. Spina bifida management and outcomes in Kaunas clinics

17:25 – 17:35 Sibilla Elisone Grīga. Clinical outcome in patients undergoing microsurgery of lumbar disc herniation and spinal stenosis – a prospective study

17:35 – 17:45 Discussion, Q&A session

17:45 – 18:00 CLOSING REMARKS

Latvia, Lithuania and Estonia