



Výročný kongres
SLOVENSKEJ NEUROCHIRURGICKEJ SPOLOČNOSTI
BRATISLAVSKÉ NEUROCHIRURGICKÉ DNI
2026

konané pri príležitosti **80. výročia** založenia prvého neurochirurgického
pracoviska v Československej republike

2. - 5. júna 2026,
Hotel Falkensteiner, Bratislava

Odborný program

Výročný kongres Slovenskej neurochirurgickej spoločnosti

Bratislavské Neurochirurgické dni 2026

Streda 3.6.2026

8:30 – 11:30

PRE-CONGRESS SCIENTIFIC SESSIONS

8:30 – 9:30

YOUNG NEUROSURGEON SESSION

Chairs: Ján Buvala, Lukáš Tarbaj

Martin Jánošík (Constantine the Philosopher University, Faculty Hospital Nitra, Slovakia): Cranioplasty as a Functional Intervention: More Than Just a Cosmetic Repair (8 + 2)

Miroslava Kohútková (Comenius University, National Institute of Children's Diseases, Slovakia): Comparison of Outcomes Following Prenatal versus Postnatal Repair of Open Neural Tube Defects (8 + 2)

Marek Lukáč (Slovak Medical University, F.D. Roosevelt University Hospital with Polyclinic Banská Bystrica, Slovakia): Late Complications of Decompressive Craniectomy: Institutional Experience, Management, and Prevention (8 + 2)

Marek Kaprálik (Bory Hospital, Bratislava, Slovakia): Full Endoscopic Uniportal Neuronavigated Posterior Fossa Decompression with Duraplasty for Chiari Malformation Type I: Technical Description and Case Series (8 + 2)

Lukáš Tarbaj (Slovak Medical University, University Hospital Bratislava, Slovakia): Surgical Management of Brain Metastases: Current Indications, Techniques, and Outcomes (8 + 2)

Ján Buvala (Comenius University, University Hospital Bratislava, Slovakia): Potential Role of 3D-Ultrasound in Brain Aneurysm Surgery (8 + 2)

9:30 – 9:45 Prestávka

9:45 – 11:30

ADULT SUPRATENTORIAL BRAIN GLIOMAS

Chairs: Martin Chorváth, Andrej Šteňo

Anna Šebová (Comenius University, University Hospital Bratislava, Slovakia): Multiparametric MRI of Brain Gliomas (13 + 2)

Michaela Jezberová (Dr. MAGNET Kramáre Magnetic Resonance Department, Bratislava, Slovakia): Brain Glioma: Today, we know more than we see (13 + 2)

Pavol Povinec (BIONT, a.s., Bratislava, Slovakia): The Role of PET in the Management of Brain Gliomas (13 + 2)

Boris Rychlý (Unilabs Slovakia, Bratislava, Slovakia): Methylation Profiling in Brain Tumors (Servier Sponsored Lecture) (13 + 2)

Andrea Kopániová (Comenius University, University Hospital Bratislava, Slovakia): Modern Management of Low-grade Gliomas (Servier Sponsored Lecture) (13 + 2)

Martin Chorváth (St. Elisabeth Cancer Institute Hospital, Bratislava, Slovakia): Modern Radiotherapy of Brain Gliomas (Servier Sponsored Lecture) (13 + 2)

Andrej Šteňo (Comenius University, University Hospital Bratislava, Slovakia): Surgery of Brain Gliomas at the Department of Neurosurgery, Comenius University and University Hospital Bratislava: Our Contribution and Experience over the Last 10 Years (Servier Sponsored Lecture) (13 + 2)

11:30 – 12:00 NETWORKING BRUNCH

12:00 – 13:40 CEREMONIAL OPENING

WELCOME ADDRESSES

Marek Števíček – Rector of Comenius University

Juraj Payer – Dean of the Faculty of Medicine, Comenius University

Alexander Mayer – Director of University Hospital Bratislava

Kamil Koleják – President of the Slovak Neurosurgical Society

Andrej Šteňo – Chair of the Organizing Committee

HONORARY CEREMONY

The Jozef Žucha Medal presented to Professor Engelbert Knosp for his lifelong contribution to Slovak neurosurgery

SPECIAL LECTURE OF THE JOZEF ŽUCHA MEDAL LAUREATE

Engelbert Knosp: Pituitary Surgery – A Lifetime of Experience (20 + 5)

SPECIAL LECTURE OF THE PRESIDENT OF THE EUROPEAN ASSOCIATION OF NEUROSURGICAL SOCIETIES

Francesco Sala: I CARE: An Inclusive Approach Tailoring the EANS Mission to Current Challenges in Education and Research (20 + 5)

13:40 – 14:00 Prestávka

14:00 – 15:35

MEET THE MASTERS 1 – SPINE AND INNOVATIONS

Chairs: David Netuka, Andrej Šteňo

Claudius Thomé (Medical University of Innsbruck, Innsbruck, Austria): Decision-making in Lumbar Spondylolisthesis (15 + 3)

Andreas Demetriades (Royal Infirmary of Edinburgh, Edinburgh, United Kingdom): Successes and Failures in the Modern Treatment of Myelopathy (15 + 3)

Francesco Sala (University of Verona, Verona, Italy): State of the Art of Intramedullary Spinal Cord Tumor Surgery in the Era of Neuromonitoring (15 + 3)

Lukas Rasulić (University of Belgrade, Belgrade, Serbia): Peripheral Nerve Surgery Today: Advancements and Innovations Shaping the Future of Neuroregeneration (15 + 3)

Nikolay Gabrovsky (Medical University of Sofia, Pirogov Hospital, Sofia, Bulgaria): Emerging Technologies and Innovations in Neurosurgery (15 + 3)

15:35 – 15:50 Prestávka

15:50 – 17:25

MEET THE MASTERS 2 – TUMORS

Chairs: Jan Klener, Vladimír Přibáň

Asgeir Jakola (University of Gothenburg & Sahlgrenska University Hospital, Gothenburg, Sweden): Cognitive Trajectories in IDHm gliomas (15 + 3)

Oleksandr Voznyak (Clinical Hospital Feofaniya, Kyiv, Ukraine): Surgical Management of Meningiomas of Anterior Clinoid Process (15 + 3)

Christian Freyschlag (Medical University of Innsbruck, Innsbruck, Austria): Sphenoorbital Meningiomas – Use of Intraoperative CT for Resection (15 + 3)

Martin Sameš (Jan Evangelista Purkyne University, Masaryk Hospital, Ústí nad Labem, Czech Republic): Surgical Treatment of Vestibular Schwannomas (15 + 3)

Martin Smrčka (University Hospital Brno & Masaryk University, Brno, Czech Republic): Surgical Treatment of Craniopharyngiomas (15 + 3)

17:25 – 17:40 Prestávka

17:40 – 19:00

MEET THE MASTERS 3 – VASCULAR

Chairs: Martin Sameš, Martin Smrčka

Ulrich Sure (University of Duisburg-Essen, University Hospital Essen, Essen, Germany): Brainstem Cavernous Malformations (15 + 3)

David Netuka (Charles University, Central Military Hospital - University Hospital Prague, Prague, Czech Republic): Sonolysis During Carotid Endarterectomy: Randomised Controlled Trial (15 + 3)

Jan Klener (Charles University, University Hospital Motol Homolka, Prague, Czech Republic): Microsurgical Treatment of High-Risk Dural AV Fistulae Non-Amenable to EVT (15 + 3)

Vladimír Příbáň (Charles University, University Hospital Plzeň, Plzeň, Czech Republic): Awake Craniotomy in Cerebrovascular Surgery – Two Case Reports (15 + 3)

20:00 Večera

Štvrtok 4.6.2026

8:30 – 10:25

ACADEMIC NEUROSURGERY IN SLOVAKIA AND KAROLINSKA INSTITUTE – INVITED GUEST LECTURE

Chairs: Róbert Illéš, Andrej Šteňo

Ján Šulaj (Slovak Medical University, F.D. Roosevelt University Hospital with Policlinic Banska Bystrica, Slovakia): Management Strategies in Intracranial Meningiomas (10 + 2)

Viktor Šimeg (Constantine the Philosopher University, Faculty Hospital Nitra, Slovakia): Foramen Magnum Meningiomas (10 + 2)

Tomáš Žilka (Slovak Medical University, Saint Michal's Hospital, Bratislava, Slovakia): Sellar Region Meningiomas and Endoscopy (10 + 2)

Ján Kozák (Slovak Medical University, University Hospital Bratislava, Slovakia): Microsurgery of Vestibular Schwannoma in the Era of Multimodal Treatment: Outcomes and Pitfalls (10 + 2)

Branislav Kolarovszki (Comenius University, University Hospital Martin, Slovakia): Endoscopic Treatment of Craniosynostosis – Our Experiences and Results (10 + 2)

Svorad Trnovec (Comenius University, National Institute of Children's Diseases, Slovakia): Endoscopic Detethering of Tethered Spinal Cord in Pediatric Patients: Description of Novel Technique and Preliminary Results in 11 Consecutive Patients (10 + 2)

Kamil Koleják (Bory Hospital, Bratislava, Slovakia): Spinal Cord Glioblastoma: Primary Tumors and Secondary (Metastatic) Spread (10 + 2)

Andrej Šteňo (Comenius University, University Hospital Bratislava, Slovakia): How We Do It: Insular Gliomas (10 + 2)

Jiří Bartek (Karolinska University Hospital, Stockholm, Sweden & Rigshospitalet, Copenhagen University Hospital, Copenhagen, Denmark): The Dual Life of a Research-Active Neurosurgeon – Or How to Combine Neurosurgical Training with a Research Career (15 + 3)

10:25 – 10:40 Prestávka

10:40 – 13:00

MEET THE MASTERS 4 – NEUROONCOLOGY

Chairs: Vladimír Kaňuch, Juraj Šteňo

Asgeir Jakola (University of Gothenburg & Sahlgrenska University Hospital, Gothenburg, Sweden): Supramaximal Resection in Glioblastoma: Current State of the Evidence (15 + 3)

Francesco DiMeco (Fondazione IRCCS Istituto Neurologico Carlo Besta, Milan, Italy): Intraoperative Ultrasound in Neurosurgery (15 + 3)

Claudius Thomé (Medical University of Innsbruck, Innsbruck, Austria): Management of Giant Pituitary Adenomas (15 + 3)

Roman Bošnjak (University Medical Centre Ljubljana, Ljubljana, Slovenia): Endoscopic Supracerebellar-Infratentorial Approach to the Pineal Region and Posterior Third Ventricle – Personal Experience (15 + 3)

László Novák (University of Debrecen, Debrecen, Hungary): Tumors of the Central Nervous System Under One Year of Age (15 + 3)

Tomáš Česák (Charles University, University Hospital Hradec Králové, Hradec Králové, Czech Republic): Microsurgical Strategies for Tuberculum Sellae Meningiomas – Focus on Visual Outcomes (15 + 3)

Ondřej Kalita (Palacky University, University Hospital Olomouc, Czech Republic): Awake Surgery in High-Grade Gliomas (15 + 3)

Michael Bartoš (Charles University, University Hospital Hradec Králové, Hradec Králové, Czech Republic): Molecular vs. Histological Glioblastoma: Initial Diagnostic and Clinical Experience (10 + 2)

13:00 – 14:00 Obed

13:00 – 14:00

Petr Smejkal (Institute for Clinical and Experimental Medicine (IKEM), Prague, Czech Republic): Postoperative Sepsis – Etiology, Prevention, Diagnosis, and Initial Treatment in the Era of Increasing Antimicrobial Resistance

Michael Ambrosio (Miethke - Christoph Miethke GmbH & Co. KG): Shunt Therapy – Significance of ICP Monitoring

Ondřej Bradáč (Charles University, University Hospital Motol Homolka, Prague, Czech Republic): Normal Pressure Hydrocephalus – A Hidden Epidemic: The Impact of NPH Underdiagnosis on the Aging Population

14:00 – 15:45

MEET THE MASTERS 5 – SPINE AND FUNCTIONAL NEUROSURGERY

Chairs: Tomáš Česák, Martin Smrčka

Andreas Demetriades (Royal Infirmary of Edinburgh, Edinburgh, United Kingdom): How to Avoid Complications in Spinal Surgery (15 + 3)

Peter Vajkoczy (Charité – Universitätsmedizin Berlin, Berlin, Germany): Cervical Deformity (15 + 3)

Karl Rössler (Medical University of Vienna - AKH Vienna, Vienna, Austria): Evolving Strategies in Epilepsy Surgery: Is Resection Still Favoured? (15 + 3)

Volodymyr Smolanka (Uzhhorod National University, Uzhhorod, Ukraine): Surgery for Temporal Epilepsy: Paradigm Shift (15 + 3)

Loránd Erőss (Semmelweis University, Budapest, Hungary): Information Transmission Through Neuromodulation Systems (15 + 3)

László Halász (Semmelweis University, Budapest, Hungary): Clinical Application of Spinal and Thalamic Brain-Computer Interfaces (10 + 2)

15:45 – 16:00 Prestávka

16:00 – 17:30

MEET THE MASTERS 6 – FUNCTIONAL NEUROSURGERY, HYDROCEPHALUS AND RADIOSURGERY

Chairs: Ondřej Bradáč, Roman Liščák

Michal Tichý (Charles University, University Hospital Motol Homolka, Prague, Czech Republic): Epilepsy Surgery: Experience of the Motol University Hospital Center (15 + 3)

Róbert Tomáš (Charles University, University Hospital Motol Homolka, Prague, Czech Republic): Evaluation of the Significance of Lateral Spread Response in Microvascular Decompression for Hemifacial Spasm and as a Prognostic Factor for Hemifacial Spasm Resolution (15 + 3)

Ondřej Bradáč (Charles University, University Hospital Motol Homolka, Prague, Czech Republic): Normal Pressure Hydrocephalus (15 + 3)

Roman Liščák (Charles University, Hospital Motol Homolka, Prague, Czech Republic): Radiosurgery of Pituitary Adenomas (15 + 3)

Sergej Marasanov (University of Zagreb, Dubrava University Hospital, Zagreb, Croatia): Gamma Knife Radiosurgery for Atypical Meningiomas: Outcomes and Clinical Considerations (15 + 3)

17:30 – 17:45 Prestávka

17:45 – 19:00

MEET THE MASTERS 7 – VASCULAR

Chairs: Pavel Buchvald, Ondra Petr

Jagoš Golubović (Clinical Center of Vojvodina & University of Novi Sad, Novi Sad, Serbia): Anatomy-Based Treatment Selection for Neurosurgical ICA Aneurysms (15 + 3)

Ondra Petr (Medical University of Innsbruck, Innsbruck, Austria): Fifty Shades of SAH: Beyond the Aneurysms (15 + 3)

Pavel Buchvald (Technical University of Liberec, Liberec Regional Hospital, Liberec, Czech Republic): Utilization of 3D Printing and IT Technologies in Brain Aneurysm Surgery (15 + 3)

Aleš Hejčl (Jan Evangelista Purkyně University, Masaryk Hospital, Ústí nad Labem, Czech Republic): Evolution of Surgical Treatment for Aneurysms over the Last 20 Years: The Ústí nad Labem Experience (15 + 3)

20:15 Večera

Piatok 5.6.2026

9:30 – 11:00

FUNCTIONAL NEUROSURGERY

Chairs: Michal Krajčovič, Gabriela Timárová

Michal Krajčovič (Slovak Medical University, Saint Michal's Hospital, Bratislava, Slovakia): Neuromodulation Treatment for Spinal Cord Injuries (10 + 2)

Aurélia Kollová (P. J. Safarik University, Louis Pasteur University Hospital, Kosice, Slovakia): Our Experience with the Nexframe© Frameless System in Patients Undergoing Deep Brain Stimulation (10 + 2)

Michal Klöc (Slovak Medical University, Saint Michal's Hospital, Bratislava, Slovakia): Personalized Strategies in Deep Brain Stimulation for Parkinson's Disease: Optimizing Outcomes, Preventing Complications (10 + 2)

Michaela Jezberová (Dr. MAGNET Kramáre Magnetic Resonance Department, Bratislava, Slovakia): MRI in Drug-Resistant Epilepsy (15 + 3)

Gabriela Timárová (Comenius University, University Hospital Bratislava, Slovakia): Results of Resection Epilepsy Surgery at L. Dérer's Hospital – University Hospital Bratislava (10 + 2)

Paulína Ondrušová (Comenius University, University Hospital Bratislava, Slovakia): Awake Resection of Temporal Encephalocele Associated with Drug-Resistant Epilepsy: An Illustrative Case (10 + 2)

Andrej Šteňo (Comenius University, University Hospital Bratislava, Slovakia): Surgical Treatment of LEATs (10 + 2)

11:00 – 11:15 Prestávka

11:15 – 13:25

MINIMALLY INVASIVE AND SPINAL SURGERY

Chairs: Viliam Novotný, Juraj Šteňo

Juraj Šteňo (Comenius University, University Hospital Bratislava, Slovakia): History of Minimally Invasive Neurosurgery in Bratislava (15 + 3)

Benedikt Trnovec (Bory Hospital, Bratislava, Slovakia): Full Endoscopic Removal of (Calcified) Thoracic Disc Herniation: The Next Standard of Care? (10 + 2)

Benedikt Trnovec (Bory Hospital, Bratislava, Slovakia): A Neuronavigated 3D-Assisted Percutaneous Variation of the Harms/Goel C1–C2 Fixation Technique (10 + 2)

Martin Sedliak (Slovak Medical University, University Hospital Bratislava, Slovakia): Biportal vs. Uniportal Spinal Endoscopy: Our Experience (10 + 2)

Ján Vanko (St. Elizabeth University of Health and Social Work, Faculty Hospital with Poliklinic Nove Zamky, Slovakia): Introduction of Unilateral Biportal Endoscopy into Clinical Practice: Learning Curve and Technical Aspects of the First 30 Cases (10 + 2)

Viliam Novotný (P. J. Safarik University, Louis Pasteur University Hospital, Kosice, Slovakia): Resection of a Rare Dumbbell Tumor of the Cervical Spine (10 + 2)

Peter Bačinský (Penta Hospitals Michalovce, Slovakia): Prediction and Evaluation of Surgical Site Infections (SSI) After Instrumented Spinal Surgery (10 + 2)

Peter Budaváry (St. Elizabeth University of Health and Social Work, Faculty Hospital with Poliklinic Nove Zamky, Slovakia): Use of Anterior and Lateral Approaches in the Surgical Treatment of Degenerative Diseases and Injuries of the Lumbar Spine: Our Initial Experience (10 + 2)

Martin Bibza (Comenius University, University Hospital Bratislava, Slovakia): Salvage Radical Resection of High-Grade Myxoid Liposarcoma in the Thoracolumbar Paravertebral Region Following Unplanned R2 Resection: A Case Report (10 + 2)

Matúš Šaffo (Catholic University in Ruzomberok, Central Military Hospital Ruzomberok, Slovakia): Intradural Disc Herniation: A Case Report and Literature Review (10 + 2)

13:30 – 14:30 Obed

14:30 – 15:45

PEDIATRIC NEUROSURGERY AND VARIA

Chairs: Tomáš Andráš, Svorad Trnovec

Róbert Chrenko (Comenius University, National Institute of Children's Diseases, Slovakia): Pial Synangiosis as an Effective and Safe Surgical Treatment for Moyamoya Disease in Children (10 + 2)

Róbert Chrenko (Comenius University, National Institute of Children's Diseases, Slovakia): Neuroendoscopy in Pediatric Neurosurgery: Evidence-Based Update and Procedures at the NÚDCH Pediatric Neurosurgery Department in Bratislava Between 2019 and 2025 (10 + 2)

Tomáš Andráš (P. J. Safarik University, Children's Faculty Hospital, Kosice, Slovakia): Acute Management of Large Neural Tube Defects at Our Center (10 + 2)

Svorad Trnovec (Comenius University, National Institute of Children's Diseases, Slovakia): Minimally Invasive Treatment of Pediatric Spinal Trauma (10 + 2)

Václav Vybíhal (University Hospital Brno & Masaryk University, Brno, Czech Republic): Surgical Therapy of Spontaneous Intracranial Hypotension: A Case Series (10 + 2)

Marián Precner (Constantine the Philosopher University, Faculty Hospital Nitra, Slovakia): Trends in Craniotrauma Management: Guidelines and Case Reports (10 + 2)

15:45 – 16:00 Prestávka

16:00 – 17:50

VASCULAR NEUROSURGERY AND TUMOR NEUROSURGERY

Chairs: Radim Brabec, Peter Jankovič

Peter Jankovič (Slovak Medical University, F.D. Roosevelt University Hospital with Polyclinic Banská Bystrica, Slovakia): ECG-gated 4D CT Angiography in the Follow-Up of Unruptured Cerebral Aneurysms (10 + 2)

Svorad Trnovec (Comenius University, National Institute of Children's Diseases, Slovakia): Arteriovenous Malformation of the Optic Nerve Mimicking a Tumor: Diagnostic Pitfalls (10 + 2)

Peter Mikula (Comenius University, University Hospital Bratislava, Slovakia): Aneurysm Management: The Interventional Radiologist's Perspective on Team-Based Care (10 + 2)

Martina Chovancová (Comenius University, University Hospital Bratislava, Slovakia): Monitoring Cerebral Vasospasms Following Aneurysmal SAH (10 + 2)

Alexander Lysak (Comenius University, University Hospital Bratislava, Slovakia): Prediction of Meningioma Tissue Bleeding During Surgery Using Preoperative Magnetic Resonance Imaging (10 + 2)

Radim Brabec (Technical University of Liberec, Liberec Regional Hospital, Liberec, Czech Republic): Solitary Fibrous Tumors (SFT) – Rare Mesenchymal Tumors Mimicking Meningiomas: A Retrospective Analysis of 11 Patients Treated at KNL Between 1999 and 2026 (10 + 2)

Michal Orlický (P. J. Safarik University, Louis Pasteur University Hospital, Kosice, Slovakia): Strategy of Bilingual Intraoperative Awake Monitoring (10 + 2)

Jakub Lenčేశ (Slovak Medical University, Saint Michal's Hospital, Bratislava, Slovakia): Calcifying Pseudoneoplasm of the Neuraxis (CAPNON) – A Rare Lesion (10 + 2)

Jakub Šipoš (Slovak Medical University, University Hospital Bratislava, Slovakia): Retrosigmoid Craniotomy in the Treatment of Neoplastic, Vascular, and Functional Lesions: Analysis of Technique and Complications in a 5-Year Patient Cohort (10 + 2)