

First Congress of The Georgian Society of Neurological Surgery

Tbilisi, Georgia
6-7 September 2024

FRIDAY 6 SEPTEMBER 2024

09:30 – 10:00 Welcome Speech - Prof. G. Maghalashvili/Healthcare Ministry Representative

10:00-13:00 Session 1: NEUROONCOLOGY. Chair - Marcel Ivanov MD, PhD, Magnus Tisell, MD, PhD

10:00-10:15 Microsurgery for Temporal Lobe Gliomas - *Prof. Ömer Hakan Emmez, President of Turkish Neurosurgical Society*

10:15-10:30 Intraoperative Neuromonitoring: What Every Neurosurgeon Needs to Know - *Prof. Francesco Sala, Elective president of EANS, Professor and Chair of Neurosurgery, University of Verona, Italy - Online*

10:30-10:45 Eloquent Area Glioma Surgery - *Prof. Francesco Sala, Elective president of EANS, Professor and Chair of Neurosurgery, University of Verona, Italy – Online*

10:45-11:00 Innovation and research in peripheral nerve surgery - *Lukas Rasulic , Neurosurgeon, Full Professor at Faculty of Medicine, University of Belgrade and Head of the Department of peripheral nerve surgery, functional neurosurgery and pain management surgery, Clinic for Neurosurgery, University Clinical Centre of Serbia. EANS Secretary*

11:00-11:15 5ALA in Glioma Surgery - *David Berdzenishvili, Head of Neurosurgical Department, Todua Clinic, Tbilisi, Georgia*

11:15-11:30 Neurosurgical Treatment of Cancerous Lesions of Spinal Column - *George Gegia, American Hospital Tbilisi*

11:30-11:45 Foramen Magnum Meningiomas - *Prof. Cengiz Cokluk, Head of Neurosurgical Department, 19 May University Hospital, Turkey*

11:45-12:00 Surgery of Third Ventricle Tumors - *Vladimer Tsikarishvili, Head of Neurosurgical Department, Caucasus Medical Center, Tbilisi, Georgia*

12:00-12:15 Radiation Therapy for Gliomas - *Eter Natelauri, Head of Radiation Oncology Division, Medical Director, Krystyna Kiel Oncology Center, Kutaisi, Georgia*

12:15-12:30 Role of Neuroavigation in Surgery of Spinal Tumors - *Marcel Ivanov MD, PhD, MSc, FRCS, Consultant Neurosurgeon and Spinal Surgeon, Royal Hallamshire Hospital, Sheffield.*

12:30-12:45 Surgery of Orbital Tumors – *Gr. Tchatchia , INNOVA Medical Center, Tbilisi, Georgia*

12:45-13:00 Exoscopes in Neurosurgery – Current Technologies and Where do We Go? - *Prof. Jan Regelsberger, Diakonissenkrankenhaus Flensburg · Department of Neurosurgery Professor*

13:00-13:30 Coffee Break

13:30 – 14:30 Session 2: PEDIATRIC NEUROSURGERY. Chair - Prof. Kenichi Nishiyama, Lika Khorbaladze, MD, prof. Adrián Cáceres Chacón

13:30-13:45 Surgical Endoscopic Perspectives in the Management of Pediatric Craniopharyngiomas - *Prof. Adrián Cáceres Chacón, Clinical Professor at the Department of Neurological Surgery at the University of Costa Rica, Director of the Brain Tumor Clinic at the National Children's Hospital of Costa Rica.*

13:45-14:00 Progressive Parkinsonism due to Aqueductal Stenosis-induced Hydrocephalus - *Kenichi Nishiyama – MD, PhD, Pediatric neurosurgery, Neuroendoscopic surgery, Hydrocephalus and CSF physiology, Neurosurgeon, Neuroscientist, Director Department of Neurosurgery of Niigata Medical center, Japan, President Elect of IFNE*

14:00-14:15 Brainstem Surgery in Children - *Magnus Tisell, MD, PhD, Sahlgrenska University Hospital. Göteborg, Sweden, Chair of Global and Humanitarian Neurosurgery Committee of EANS, University of Gothenburg, Sweden, Department of Clinical Neuroscience and Rehabilitation*

14:15-14:30 Spina Bifida in Georgia - *Lika Khorbaladze MD, Iashvili Childrens Hospital, Tbilisi, Georgia*

14:30 – 15:30 Lunch Break

15:30-17:05 Session 3: NEUROTRAUMA, FUNCTIONAL AND PERIPHERAL NEUROSURGERY, Chair – Prof. Massimiliano Visocchi, Mario Ganau, MD, PhD,

15:30-15:50 New Trends in 360° Cranio-Vertebral Junction Surgery - *Massimiliano Visocchi, Professor Department of Neurosurgery, Catholic University, Rome, Italy*

15:50-16:05 Tackling the Burden of Traumatic Brain Injury: The Oxford Global Neurosurgery Initiative, *Mario Ganau, MD, PhD, Department of Neurosurgery, Oxford University Hospitals - United Kingdom, Chair of Ethico-legal Committee of EANS*

16:05-16:20 Supraaxial Cervical Trauma - *Prof. Sandeep Sonone, Associate Professor · K.E.M. HOSPITAL RESEARCH CENTRE*

16:20-16:35 Sports Related Neurotrauma - *Nikolaos Syrmos, Thessaloniki, Greece*

16:35-16:50 What's new in Traumatic Brain Injury (TBI) management? – *Andreas Demetriades, NHS Lothian, Edinburgh University Hospitals, Department of Clinical Neurosciences, Past President of EANS*

16:50-17:05 AI Precision: Targeting Deep Brain Structures in Essential Tremor and Beyond, *Nana Tchantchaleishvili, MD, MSC. Neurosurgeon, Neuroscientist, Assistant Professor, UNIK Kutaisi University, Georgia*

17:05 – 17:35 Coffee Break

17:35-19:05 Session 4: SPINAL NEUROSURGERY, Chair - Andreas Demetriades, Gocha Chutkerashvili, Mario Ganau, MD, PhD

17:35-17:50 OLIF Approach - Why Go Anterior in Lumbar Spine? - *Ayush Sharma MD, Head of Spine Surgery Department, Mumbai University Hospital, India*

17:50-18:05 C1-C2 Instability - *Prof. Sandeep Sonone, Associate Professor · K.E.M. HOSPITAL RESEARCH CENTRE*

18:05-18:20 Minimally Invasive C1/C2 Transarticular Screw Fixation is Preferable to the Standard Open Approach – *David Shalamberidze Senior Doctor at Department of Neurosurgery. – Klinikum Hochsauerland, WWU of Munster/Germany.*

18:20-18:35 Spinal Deformity Surgery - *Prof. Gocha Chutkerashvili, INNOVA Medical Center, Tbilisi, Georgia*

18:35-18:50 Spinal Metastatic Tumors Radiation Therapy - *Krystyna Kiel, Associated Professor, Radiation oncologist at the Radiation Therapy Center of Morris Hospital, USA*

18:50-19:05 Minimally Invasive Spine Surgery - *Giga Sulaberidze MD, West Georgia Medical Center, Kutaisi, Georgia*

19:05-19:15 Conclusion of the First Day of Congress - **Prof. Giorgi Maghalashvili, President of GSNS**

SATURDAY 7 SEPTEMBER 2024

09:30 – 09:40 Welcome Speech - *Prof. Torstein Meling, President of EANS/Prof. Giorgi Maghalashvili, President of GSNS*

09:40-10:55 Session 1: ANEURYSM MICROSURGERY. Chair – Assist Prof. I. Tsertsvadze, Prof. F. Göhre, Prof. Torstein Meling

09:40-09:55 Management of Ruptured Aneurysms from the View of Dual Trained Neurosurgeon - *I. Tsertsvadze, West Georgia Medical Center, Kutaisi, Georgia*

09:55-10:10 Microneurosurgery Applied to Intracranial Aneurysms via LSO - *Prof. Felix Göhre, Halle University Hospital, Germany*

10:10-10:25 Surgery of Complex Aneurysms - *Prof. Elshan Huseynzadeh, Baku, Azerbaijan*

10:25-10:40 How I Do it - Giant Aneurysms - *Prof. Torstein Meling, Rigshospitalet. University of Copenhagen. Denmark President of EANS*

10:40-10:55 Blister Aneurysms of the ICA - *Prof. Torstein Meling, Rigshospitalet. University of Copenhagen. Denmark President of EANS*

10:55 - 11:25 Coffee Break

11:25 – 12:35 Session 2: ENDOVASCULAR NEUROSURGERY. Chair - Prof. Ivan Vukasinovic, Deniz Bulja MD PhD

11:25-11:40 New Developments and Trends in Endovascular Technique - *David Hernández, Vall d'hebron University Hospital, Barcelona, Spain*

11:40-11:55 How I do it: Coiling of Ruptured Aneurysms- *Prof. Ivan Vukasinovic, Center for neuroradiology and MR, Clinical Center of Serbia*

11:55-12:10 Radiosurgery for AVM Treatment - *Prof. Ömer Hakan Emmez, President of Turkish*

Neurosurgical Society

12:10-12:25 Endovascular Treatment of Ruptured aneurysms in Acute Phase of SAH – *Prof. Mirza Khinikadze/Resident Neurosurgeon Koka Gogichaishvili, Caucasus Medical Center, Tbilisi, Georgia*

12:25-12:40 Endovascular Treatment of Cerebral Vasospasm – *Ketevan Mikeladze, New Hospitals, Tbilisi, Georgia*

12:40 – 13:10 Coffee Break

13:10-14:25 **Session 3: STROKE/BYPASS. Chair - David Hernández MD, Tsotne Chkhikvishvili MD.**

13:10 -13:25 Mechanical Thrombectomy: Perspectives from the West Georgia and West Ukraine - I. Tsertsvadze, *West Georgia Medical Center, Kutaisi, Georgia*

13:25-13:40 Direct Angio Suit Concept - *David Hernández, Vall d'hebron University Hospital, Barcelona, Spain*

13:40-13:55 Posterior Circulation Bypasses - *Prof. Felix Göhre, Halle University Hospital, Germany*

13:55-14:10 Stroke Management in Serbia - *Prof. Ivan Vukasinovic, Center for neuroradiology and MR, Clinical Center of Serbia, ESMINT East European Countries Section Chair*

14:10-14:25 Stroke Management in Bosnia and Herzegovina - *Deniz Bulja MD PhD - Clinical center University of Sarajevo*

14:25 – 15:25 Lunch Break

15:25-17:10 **Session 4: NEUROENDOSCOPY, Chair - Edisher Maghalashvili MD, PhD, Prof. Adrián Cáceres Chacón**

15:25-15:40 Endoscopic Surgery of Complex Skullbase Tumors - *Prof. Tural Rahimli, Baku, Azerbaijan*

15:40-15:55 Pitfalls of Neuroendoscopy - *Prof. Adrián Cáceres Chacón, Clinical Professor at the Department of Neurological Surgery at the University of Costa Rica, Director of the Brain Tumor Clinic at the National Children's Hospital of Costa Rica.*

15:55—16:10 Endoscopic Approaches to complex cervical chordomas - *Massimiliano Visocchi, Professor Department of Neurosurgery, Catholic University, Rome, Italy*

16:10-16:25 Transorbital Endoscopic Approaches - *Edisher Maghalashvil MD, Phdi, Head of Neurosurgical Demartment, American Hospital Tbilisi, Georgia*

16:25-16:40 Endoscopic Management of Cysts, Involving the Third Ventricle - *Kenichi Nishiyama – MD, PhD, Pediatric neurosurgery, Neuroendoscopic surgery, Hydrocephalus and CSF physiology, Neurosurgeon, Neuroscientist, Director Department of Neurosurgery of Niigata Medical center, Japan, President-Elect of IFNE*

16:40-16:55 Endoscopic Approach in Management of Discitis - *Ayush Sharma MD, Head of Spine Surgery Department, Mumbai University Hospital, India*

16:55-17:10 Endoscopic Endonasal Transsphenoidal Surgery – Personal Experience - *Edisher*

Maghalashvil MD, Phdi, Head of Neurosurgical Demartment, American Hospital Tbilisi, Georgia

17:10-17:40 Coffee Break

17:40-19:10 Session 5: VASCULAR MISCELLANEOUS, Chair - Prof. Torstein Meling, Sergej Marasanov MD

17:40-17:55 Exoscope in Neurosurgery - pros and cons - *Giorgi Maghalashvili, Tbilisi Central Hospital, Georgia, President of the Georgian Society of Neurological Surgery*

17:55-18:10 Surgical Treatment of High Grade Cerebral Arteriovenous Malformations - *Buba Shalamberidze, American Hospital Tbilisi, Georgia*

18:10-18:25 Migraine Surgery - *Tsotne Chkhikvishvili, American Hospital Tbilisi, Georgia*

18:25-18:40 Microvascular Decompression in Trigeminal Neuralgy - *I. Chelishvili, INNOVA Medical Center, Tbilisi, Georgia*

18:40-18:55 Surgical Treatment of Paraclinoid Aneurysms - *Vladimer Tsikarishvili, Head of Neurosurgical Deartment, Caucasus Medical Center, Tbilisi, Georgia*

18:55-19:10 Gamma Knife in Cavernous Malformations - *Sergej Marasanov, Clinical Hospital Centre, Zagreb, Croatia*

19:10 – 19:25 Closing of Congress - Prof. Giorgi Maghalashvili, President of GSNS