

Intraoperative Neurophysiology - A State-of-the-Art Approach June 4-7, 2026 Sibiu, Romania				
Time	June 4	June 5	June 6	June 7
7:00-7:30	Registration & Welcome Coffee	Registration & Welcome Coffee	Registration & Welcome Coffee	Registration & Welcome Coffee
7:20-7:30	Welcome	Welcome	Welcome	Welcome
	Plenary Talks			Plenary Case Presentations
	25 min sessions	20 min sessions	25 min sessions	25 min sessions
7:30-9:35	Dipoles, Action, Near and Far Field Potentials - <i>Alexandru Calin MD, PhD</i> Electrical Stimulation in ION - <i>Andreas Szelenyi, MD, PhD</i> Variability of Nervous Tissue Excitability - Why it Matters - <i>Jose Manuel Matamala, MD, PhD</i> Brain Reactivity and Assessment of Anesthesia - <i>Mihai Moldovan, MD, PhD</i> EEG for assessment of ION Procedure-Specific Optimal Anesthesia - <i>Mirela Simon, MD, MSc</i>	Skull Base & Brainstem Surgery: Pathology & Anatomic-Functional Boundaries- <i>Altagar Moiyadi, MD</i> Endovascular Endonasal Approach - Pituitary Adenoma Surgery- <i>Claudiu Matei, MD, PhD</i> ION for Protection of CN III, IV & VI (Middle Cranial Fossa Surgery) - <i>Tatsuya Oishi, MD</i> ION for Protection of CN II & V (Middle Cranial Fossa Surgery) - <i>Mirela Simon, MD, MSc</i> ION for Protection of CN VII & VIII (CPA surgery) - <i>Mirela Simon, MD, MSc</i> ION for Protection of CN IX-XII (Posterior Cranial Fossa Surgery)- <i>Maria Tellez, MD, DABNM</i>	Pediatric Surgery - Pathology, Challenges & Specifics - <i>William Butler, MD</i> ION in Pediatric Surgery - <i>Mirela Simon, MD, MSc</i> Thyroid and Parathyroid Surgery - <i>Octav Girghina, MD, PhD</i> ION for Protection of Extracranial CN VII and X- <i>Maria Tellez, MD, DABNM</i> Troubleshooting in ION - <i>Tatsuya Oishi, MD</i>	Case 7 <i>Jose Manuel Matamala, MD, PhD</i> Case 8 <i>Ovidiu Banea, MD, PhD</i> Case 9 <i>Zoltan Major, MD, MSc, PhD</i> Case 10 <i>Ionela Codita, MD and Alexandru Thiery, MD</i> Case 11 <i>Dan Filip, MD, PhD and Claudiu Matei, MD, PhD</i> Case 12 <i>Mirela Simon, MD, MSc</i>
9:35-9:55	Q&A Session	Q&A Session	Q&A Session	
9:55-10:10	Coffee Break	Coffee Break	Coffee Break	Coffee Break
	Plenary Talks & Discussions			Plenary Case Presentations
	25 min sessions	25 min sessions	30 min sessions	25 min sessions
10:10-12:15	Supratentorial Surgery- Pathology & Anatomic-Functional Boundaries - <i>Claudiu Matei, MD, PhD</i> Preoperative Planning- Neuroimaging & TMS - <i>George Petrescu, MD, PhD</i> Preoperative Neurophysiology for Epilepsy Surgery - <i>Ioana Mindruta, MD, PhD</i> Sensory Motor Mapping & Monitoring - <i>Mirela Simon, MD, MSc</i> Language and Cognitive Functions Mapping & Monitoring - <i>Silvia Verst, MD, PhD</i>	Foramen Magnum Meningioma Surgery- Do We Always Need Neuromonitoring? <i>Stefan Ioan Florian, MD</i> Spinal Cord Surgery- Pathology & Anatomic-Functional Boundaries - <i>Kathleen Seidel, MD</i> ION in Intramedullary Spinal Cord Tumor Surgery - <i>Mirela Simon, MD, MSc</i> ION in Extramedullary Spinal Cord Tumor Surgery - <i>Kamylla Thiago De Almeida, MD</i> Spinal Column Procedures: Deformity, Minimally Invasive, Tumor Surgery- <i>Alexandru Thiery, MD</i>	Anesthesia and ION - An Anesthesiologist Perspective - <i>Iulia Dancu, MD</i> Anesthesia and ION - A Neurophysiologist Perspective- <i>Mirela Simon, MD, MSc</i> Enhancing Care -A Multidisciplinary Approach to ION- Roundtable Discussion <i>Mirela Simon, MD, MSc (M), Ionela Codita, MD, Alexandru Thiery, MD, Claudiu Matei, MD, PhD, Iulia Dancu, MD</i> Echos and Horizons: The Story and Future of Intraoperative Neurophysiology- Fireside Chat with <i>Marc Nuwer, MD, PhD</i>	Case 13 Case 14 <i>Dan Filip, MD, PhD and Claudiu Matei, MD, PhD</i> Case 15 <i>Ionela Codita, MD and Alexandru Thiery, MD</i> Case 16 <i>Anna Grigoryan, MD</i> Case 17 <i>Mirela Simon, MD, MSc</i> Case 18
12:15-12:35	Q&A Session	Q&A Session		
12:35-13:25	Lunch +/- 30 min Industry ION workshop; Kral Medical/Inomed	Lunch +/- 30 min Industry ION Workshop Kral Medical/Inomed	Lunch	Lunch
	Plenary Talks			Plenary Case Presentations
	25 min sessions	25 min sessions	25 min sessions	25 min sessions
13:25-15:30	Intraoperative Electroencephalography for Epilepsy Surgery - <i>Mirela Simon, MD, MSc</i> Intraoperative Neurophysiology (ION) in Cerebral Aneurysm Clipping - <i>Andreas Szelenyi, MD, PhD</i> CEA - <i>Greg Fulton, MD</i> EEG Monitoring in CEA - <i>Mirela Simon, MD, MSc</i> Multimodality ION in Vascular and Cardiac Surgery - <i>Mirela Simon, MD, MSc</i>	ION in Spine Deformity Surgery - <i>Ionela Codita, MD</i> ION in Minimally Invasive Spine Surgery - <i>Ricardo Ferreira, MD</i> ION in Pelvic Surgery - <i>Denise Medeiros De Melo, MD, MSc</i> ION in PNS surgery - <i>Isabel Fernandez Cornejo, MD</i> ION in Endovascular Treatment of Brain and Spinal Cord Lesions - <i>Sedat Ulkatan, MD, DABNM</i>	Case 1 Case 2 Case 3 <i>William Butler, MD and Mirela Simon, MD, MSc</i> Case 4 Case 5 Case 6	Case 19 Case 20 Case 21 <i>Mirela Simon, MD, MSc</i> Case 22 Case 23 Case 24
15:30-15:50	Q&A Session	Q&A Session		
15:50-16:10	Coffee Break	Coffee Break	Coffee Break	Adjourn
	Discussion Groups & Workshops			
	25 min sessions (+ 5 min to switch)	25 min sessions (+ 5 min to switch)	25 min sessions (+ 5 min switch)	
16:10-18:35	SSEP+ MEP in ION - <i>Konstantinos Papadopolous, MD, DSc and Zoltan Major, MD, MSc, PhD</i> Intraoperative Sensory Motor Mapping & Monitoring - <i>Mirela Simon, MD, MSc and Dan Filip, MD, PhD</i> EMG in ION - <i>Jose Manuel Matamala, MD, PhD and Ionela Codita, MD</i> Corticobulbar MEP in ION- <i>Ovidiu Banea, MD, PhD</i> Brainstem Brainstem Reflexes in ION - <i>Sedat Ulkatan, MD, DABNM and Maria Tellez, MD, DABNM</i>	Mapping & Monitoring of CR NN III, IV & VI in ION - <i>Tatsuya Oishi, MD</i> Intraoperative Language and Cognitive Mapping & Monitoring - <i>Silvia Verst, MD, PhD and Mirela Simon, MD, MSc</i> ION in Intramedullary Spinal Cord Tumor Surgery- <i>Kathleen Seidel, MD and Ovidiu Banea, MD, PhD</i> ION in Complex Open Spine Column Surgery - <i>Ionela Codita, MD and Alexandru Thiery, MD</i> ION in Minimally Invasive Spine Surgery - <i>Ricardo Ferreira, MD and Faisal Jahangiri, MD, DABNM</i>	Spinal Reflexes & Other ION Techniques in Pelvic Surgery- <i>Denise Medeiros De Melo, MD, MSc and Faisal Jahangiri, MD</i> ION in PNS Surgery - <i>Zoltan Major, MD, MSc, PhD and Kamylla Thiago De Almeida, MD</i> Case Based ION Planning and Workflow- <i>Mirela Simon, MD, MSc</i> Documentation and Communication in ION - <i>Victoria Cannon, MD, MS</i> Troubleshooting in ION - <i>Tatsuya Oishi, MD</i>	
18:35	Adjourn	Adjourn	Adjourn	
19:00-21:00	Welcome Reception		Course Dinner and Social Program	

Welcome Coffees, Coffee Breaks, Lunches and Welcome Reception are Included for all Attendees. Breakfast is included for attendees staying at the venue. Course Dinner and Social Program is available to all attendees for an additional charge.