

Day 1: 14th October 2022

TIME	TOPIC	SPEAKER
09:00 AM - 05:00 PM	<p>Live surgery and Hands on workshop Venue: Apollo Proton Cancer centre</p> <p>Module 1: Hands on workshop & Technicians course</p> <p>Module 2: Live Surgery Workshop</p>	<p>Dr. Sandip Chatterjee Dr. Ashok Jaryal Dr. Anandh B Dr. Srinivas Babu</p> <p>Dr. VR. Roopesh Kumar Dr. A. Arivazhagan Dr. Nishanth Sampath Dr. Partha Thirumala Dr. Arulvelan Dr. Prasanna Bidkar</p>
06:00 PM - 07:30 PM	<p>Pre - Inaugural Session Venue: Hotel Sheraton Grande, ECR</p> <p>Session 1: Introduction to IONM (12+3 mts)</p> <p>From bench to practice in Electro Neurophysiology Basic concepts in IONM IONM training and certification in India Challenges faced in setting up of IONM in Indian context Evidence for IONM in Spinal surgeries complications avoidance during IONM Medicolegal aspects of IONM</p>	<p>Chair Persons: Dr. KR. Suresh Babu Dr. VG. Ramesh Dr. Arun Kumar MJ</p> <p>Dr. Lakshmi Narasimhan R Dr. Srinivas Babu Dr. Ashok Jaryal Dr. JKBC Parthiban Dr. Suresh Nair Dr. VR. Roopesh Kumar Dr. Sandip Chatterjee</p>
07:30 PM - 08:00 PM	Inauguration	
08:00 PM Onwards	Dinner	

Day 2: 15th October 2022

08:00 AM - 10:00 AM	Registration & Breakfast	
	<p>Session 2: Techniques & Modalities (10+2 mts)</p> <p>Central sulcus localization using phase reversal MEPs in patients with pre-existing deficits Corticobulbar tract monitoring- Anatomy, Techniques & Interpretation VEP as a modality - it's clinical utility during surgery</p>	<p>Chair Persons: Dr. Vedantam Rajsekhar Dr. Ashok Jaryal Dr. Partha Thirumala</p> <p>Dr. Srinivas Babu Dr. Ashok Jaryal Dr. KV. Parthiban</p> <p>Dr. Aishwarya</p>

Day 2: 15th October 2022

TIME	TOPIC	SPEAKER
	Role of BAEP in intracranial surgery Multimodal IONM - illustrative cases Covering artefacts & trouble shooting in IONM Principles of IONM in tethered cord surgery	Dr. John C Yeh Dr. Nishanth Sampath Dr. Vanio Pinto Dr. Francesco Sala
	Session 3: Key Note Lecture: 20 mts The future of Brain mapping and therapeutics from AI, Nano neurosurgery & Neurophonotics	Chair Persons Dr. Dilip Panikar Dr. Kyung Seok Park Dr. John C Yeh <hr/> Dr. Babak Kateb <i>Scientific Director, Society for brain mapping & Therapeutics, California.</i>
10:00 AM - 12:00 PM	Session 4: Spine and Intra-op monitoring (10+2 mts) IONM in children undergoing tethered cord surgery Pedicle screw stimulation: what do the threshold mean? Changing paradigms in monitoring for spinal surgery IONM in cervical myelopathy surgery Avoiding pitfalls in the management of intramedullary tumours IONM in intramedullary tumours Neuromonitoring in Spine deformity surgery D wave monitoring- clinical utility	Chair Persons: Dr. N Muthukumar Dr. JKBC Parthiban Dr. Srinivas Babu <hr/> Dr. Vedantam Rajsekhar Dr. Partha Thirumala Dr. Sandip Chatterjee Dr. Kiran M Dr. Suresh Nair Dr. Ved Prakash Maurya Dr. Sajan Hegde Dr. Vedran Deletis
12:00 PM - 01:00 PM	AOS Presidential Oration Introduction of the President - Dr. Sandip Chatterjee Oration - Dr. Kunihiko Kodama	Chair Persons Dr. Sandip Chatterjee Dr. Ashis Pathak Dr. VR. Roopesh Kumar
01:00 PM - 02:00 PM	Lunch	
02:00 PM - 03:15 PM	Session 5: Anaesthesia and IONM (10+2 mts) Anaesthesia for IONM in adults Anaesthesia for IONM in children Experiences gained and lessons learnt during IONM in paediatric patients Is TIVA the only option for IONM Role of communication with surgeons and technologists	Chair Persons: Dr. Anandh B Dr. Rajshri Deopujari Dr. V. Ponniah <hr/> Dr. Nitin Manohar Dr. Prasanna Bidkar Dr. Neelakshi <hr/> Dr. Rajshri Deopujari Dr. Arulvelan

Day 2: 15th October 2022

TIME	TOPIC	SPEAKER
03:15 PM - 04:45 PM	<p>Session 6 : Epilepsy & Functional Surgery (10+2 mts)</p> <p>Intra op electrophysiology & Monitoring in Epilepsy surgery Excision of hand area FCD sparing hand functions</p> <p>Debate - Is Ecog monitoring required for Mesial temporal sclerosis surgery Against George Vilanilam For Sarat Chandra</p> <p>Micro electrode recording in DBS Hemifacial spasm monitoring Blink reflex monitoring during MVD for hemifacial spasm - A personal experience Role of IONM in MVD for tinnitus</p>	<p>Chair Persons: Dr. Sridhar K Dr. Ravi Mohan Rao Dr. Nishanth Sampath</p> <hr/> <p>Dr. A. Arivazhagan Dr. Ravi Mohan Rao</p> <hr/> <p>Dr. Arvind Sukumaran Dr. Vanio Pinto Dr. Kyung Seok Park</p> <hr/> <p>Dr. Sridhar K</p>
04:45 PM - 05:30 PM	<p>Session 7: Skull base surgery & IONM (10+2 mts)</p> <p>Facial MEP in vestibular schwannoma surgery Facial nerve preservation in large vestibular schwannoma using IONM Case studies in Skull base surgery</p>	<p>Chair Persons: Dr. V. Soundappan Dr. Sarat Chandra Dr. Nishanth Sadashivam</p> <hr/> <p>Dr. KR. Suresh Bapu Dr. Giridharan</p> <hr/> <p>Dr. Partha Thirumala</p>
05:30 PM - 06:00 PM	Board (EC) meeting of Asia Oceanic society	
07:00 PM	Cultural Program & Gala Dinner	

Day 3: 16th October 2022

08:00 AM - 09:00 AM	Formation of Indian IONM society & GB meeting	
09:00 AM - 11:00 AM	<p>Session 8: IONM & Brain Tumours (10+2 mts)</p> <p>Mapping and Monitoring motor functions in glioma surgery Mapping beyond language functions Subcortical mapping and its utility in cranial surgeries Neuromonitoring in surgeries for insular gliomas Combining DTI and IONM in tumours of diencephalon & brain stem combining navigation with IONM in improving patient outcomes</p> <p>Debate: Gliomas in and around motor cortex Dr. Dilip Panikar - For Awake craniotomy Dr. Anandh B - GA with IONM</p>	<p>Chair Persons Dr. Ramakrishna Eswar Dr. John C Yeh Dr. Nitin Manohar</p> <hr/> <p>Dr. Kuntal Das Dr. Ali Asgar Moiyadi Dr. Rajesh BJ Dr. A. Arivazhagan Dr. VR. Roopesh Kumar</p> <hr/> <p>Dr. Suresh Dugani</p>

Day 3: 16th October 2022

TIME	TOPIC	SPEAKER
11:00 AM - 11:30 PM	ISIN Presidential Address	Chair Persons Dr. Sandip Chatterjee Dr. M. Suresh Dugani Dr. KR. Suresh Bapu <hr/> Dr. Isabel Fernández Conejero <i>President, ISIN</i>
11:30 AM - 12:20 PM	Session 9: Vascular Neurosurgery & IONM (10+2 mts) Role of IONM in intra cranial aneurysm surgery EEG in Carotid endarterectomy - Utility & techniques How my practice of CEA changed with Intra Op EEG Role of IONM in Endovascular neuro interventions	Chair Persons: Dr. Dilip Panickar Dr. Srinivas Paramasivam Dr. Kyung Seok Park <hr/> Dr. KN. Gopala Krishna Dr. Ramakrishna Eswar Dr. Ravi Mohan Rao Dr. Srinivas Paramasivam
12:20 PM - 01: 50 PM	Session 10: IONM in Day to Day Practice (8+2 mts) The unlearning, learning & refinement of surgical techniques with IONM Establishing IONM in PGI- Challenges and lessons learnt Experience of IONM in Spine surgery- A series of 450 cases Nuances of IONM in Peri-Rolandic Glioma surgery: A neurosurgical perspective Eloquent area mapping in Glioma surgery Awake craniotomy- non eloquent area monitoring Establishing IONM as a standard of care in Oncology institution Does IONM increases the safety of surgical correction of lumbar canal stenosis through lumbar interbody fixation Utility of IONM in lateral approach to spine surgeries Trans spinal MEPS to localize loss of motor functions- a novel technique	Chair Persons: Dr. Sarat Chandra Dr. Kodeeswaran Dr. Awdesh Yadav <hr/> Dr. Vamsi Krishna Dr. Karthikeyan Dr. Ajay Krishnan Dr. Vishwaraj Ratha Dr. Sushanth Kumar Sahoo Dr. Vishwanath Dr. Vijay Sundar Dr. Amrita Endow Dr. Deepak Bhargale Dr. Sreya Konusu
01:50 PM	Valedictory function followed by Lunch	