

» IOM presentations

Tue, 24.09.2019

8:30 - 10:00 **New technologies in neurosurgical oncology (nTMS, motor cortex stimulation)**

8:30 - 10:00 **IONM**

- 08:30 - 08:40 Intraoperative neurophysiological monitoring of the facial nerve: Free running EMG vs corticobulbar MEPs (J. Prell)
- 08:40 - 08:50 Intraoperative neurophysiological monitoring of the motor system in brain glioma surgery: Awake or asleep? (L. Bello)
- 08:50 - 09:00 Monitoring of the human self (K. Schaller)
- 09:00 - 09:10 Training in Intraoperative Neurophysiology: Should this be part of the neurosurgical curriculum? (F. Sala)
- 09:10 - 09:18 Preserving visual field in awake surgery: a new intraoperative test (M. Conti Nibali)
- 09:18 - 09:26 Correlation between intraoperative electrophysiological data of ulnar nerve decompression and postoperative outcome (J.F. Hamilton)
- 09:26 - 09:34 Intraoperative mapping and monitoring of visual pathways in patients with intrinsic brain tumours: technique description and case series (J. Lavrador)
- 09:34 - 09:42 Application of intraoperative electrocorticography in precise bypass surgery of adult moyamoya disease: a preliminary study (J. Su)
- 09:42 - 09:50 The evaluation of postoperative motor function deficits after supratentorial brain tumor surgery through the analysis of intraoperative MEP and ischemic lesion on postoperative DWI (Y.I. Kim)
- 09:50 - 09:58 Intraoperative neurophysiological monitoring during scoliosis surgery in patients with duchenne muscular dystrophy (S.E. Dulfer)

17:35 - 17:50 **Identifying the tumour margin: tools & tips: intraoperative neuromonitoring (Kilbridge, Ireland)**

Thu, 26.09.2019

8:30 - 10:00 **Masterclass: How I do it**

- 08:30 - 08:45 Meningioma surgery (T. Meling)
- 08:45 - 09:00 Monitoring & mapping (A. Raabe)
- 09:00 - 09:15 Awake Craniotomy (H. Duffau)
- 09:15 - 09:30 Metabolic imaging (J.C. Tonn)



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Thu, 26.09.2019

- 09:30 - 09:40 Discussion
- 09:40 - 09:48 Endoscopic surgery of the orbit (A. Kalandari)
- 09:48 - 09:56 A simple grading scale to predict tumor progression in skull base chondrosarcoma (P. Gardner)
- 09:56 - 10:04 Limitations of MEP monitoring in predicting paresis during brain tumor surgery in motor areas (D. Giampiccolo)

17:56 - 18:04

Neuro-Oncology Parallel 1: Relationship between changes in advanced diffusion tractography of the corticospinal tract and pathological motor cortex excitability (F. Vergagni)

17:43 - 17:51

Masterclass: Giant aneurysms: Hoarseness after carotid endarterectomy – the technique for preventing hoarseness based with laryngoscope and vagus nerve monitoring (T. Tamaki)

Fri, 27.09.2019

09:00 - 9:10

General Neuro-Oncology: Awake craniotomy for lesions near the eloquent cortex and subcortical white matter (T. Dzedzic)

09:10 - 9:20

WFNS/FLANC Parallel Session: Neuromonitoring in acoustic neuroma surgery – Q&A (A. Cerejo)

11:20 - 13:00

New thinking in Neuro-Oncology

11:50 - 12:05 Low Grade Glioma (L. Bello)

12:40 - 12:48 Continuous dynamic mapping to identify the corticospinal tract in motor eloquent brain tumors – experience in 391 cases (K. Seidel)

14:30 - 16:10

Spine Plenary

14:30 - 14:45 Neuromonitoring for spinal surgery is a waste of time (C. Bolger)

14:45 - 15:00 Is Neuromonitoring for spinal surgery a waste of time? (F. Sala)

15:00 - 15:15 Neuromonitoring for spinal surgery Q&A

17:30 - 17:40

EANS/CNS Emerging Technology in Spine Surgery: Lateral (A. Parajon) ?

Sat, 28.09.2019

11:25 - 11:40

Tethered cord in children and adults: Neurophysiology guided early resection of lumbosacral lipomas (D. Pang)