



## » 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)

## » IOM presentations

### 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)**