



Program
Cycle II, Part III – BRAINSTEM AND PERIPHERAL

Thursday, November 10, 2016

- 12:00** **Registration and lunch at the UMCG**
- 12:50** **Welcome and introduction**
- 13:10** **Introductory Course (Part I-1)**
An overview of intraoperative electrophysiology
The operating room environment: safety, troubleshooting and communication
- 14:20** **Coffee Break with Exhibitors**
- 14:50** **Introductory Course (Part I-2)**
Anesthesia and neuromonitoring
Somatosensory evoked potentials
- 16:00** **Coffee Break with Exhibitors**
- 16:30** **Introductory Course (Part II)**
Motor evoked potentials
Auditory evoked potentials
Intraoperative cortical and brainstem mapping techniques
- 18:15** **Closing**
- Walk to the 'Academiegebouw' (20 minutes walk)*
- 18:45** **Welcome Reception at the 'Academiegebouw'**
- 19:00** **Magistral Lecture (TBA)**
- 19:30** **Buffet**
- 21:30** **Depart**

Friday, November 11, 2016

- 08:00** **Welcome at the UMCG**
- 08:30** **Session I: Why do we need IOM in skull base and brainstem surgeries?**
Neuroanatomy of the skull base and brainstem
A neurosurgeon's approach to skull base surgery
Surgical removal of brainstem lesions
- 10:30** **Coffee Break with Exhibitors**
- 11:00** **Session II: How do we monitor the function of the brainstem and cranial nerves (Part I)**
MEP monitoring for excision of infratentorial tumors
Monitoring and mapping of the ocular motor nerves
Monitoring and mapping of the trigeminal and facial nerves
The Real Life: Monitoring during excision of cerebellopontine angle lesions



- 13:10 Lunch Break with Exhibitors**
- 14:10 Session II: How do we monitor the function of the brainstem and cranial nerves (Part II)**
Monitoring of the auditory pathways
Monitoring and mapping of the last four cranial nerves (CN IX-XII)
- 15:10 Coffee Break with Exhibitors**
- 15:40 Session III: Case presentations by trainees**
- 16:40 Session IV: Peripheral nerves and more**
Monitoring for detethering the spinal cord
TES-MEP Monitoring in children
Monitoring for patients with a neuromuscular disorder
- 18:10 Closing**
- Walk to 'Het Feithhuis' (10 minutes walk)*
- 19:00 Dinner at 'Het Feithhuis – Groningen'**
- 23:00 Depart**
- Saturday, November 12, 2016**
- 08:00 Welcome at the UMCG**
- 08:30 Session V: Deep Brain Stimulation (DBS)**
Neuroanatomy of the basal ganglia and surroundings
Surgery for Parkinson's and other movement disorders
- 09:45 Coffee Break with Exhibitors**
- 10:15**
Intraoperative neurophysiology of DBS
The Real Life: DBS for Parkinson's, movement disorders and other
- 11:30 Session VI: Workshops with the exhibitors**
- 12:30 Lunch Break with Exhibitors**
- 13:30 ISIN Travel Fellowship Award Ceremony**
- 13:45 Session VII: The Real Life: Monitoring for removal of brainstem lesions**
- 14:30 Session VIII: Case presentations by the trainees**
- 15:30 Coffee Break with Exhibitors**
- 16:00 Session IX: Monitoring of microvascular decompression of cranial nerves and other**
- 16:30 IONM state of the art**
- 17:00 Adjourn**