Neuroscience Workshop: Simulation Workshop: Perioperative Neurological Emergencies

Workshop Fee: 200 USD

This is a full scale simulation session. Based on real life scenarios, participants will work together to handle perioperative neurological emergencies and obtain feedback on their management and crisis management skills.

Simulation Workshop: Perioperative Neurological Emergencies
Shobana Rajan, United States

Simulation Workshop: Perioperative Neurological Emergencies
Shobana Murugan, United States

Simulation Workshop: Perioperative Neurological Emergencies
Chin Ted CHONG, Singapore

Simulation Workshop: Perioperative Neurological Emergencies
Matthew Chan, Hong Kong

Simulation Workshop: Perioperative Neurological Emergencies
Shang Yee Chong, Singapore
Session Date/Time: Wednesday, March 6, 2024  -  08:30 - 09:30

405B (Level 4)

Neuroscience: International Accreditation of Neuroanaesthesia Fellowships: Trials, Tribulations, Triumphs

This panel will provide an update on the international accreditation of neuroanaesthesia fellowship programs. Leaders from UK and China will share their experience on the perioperative neuroscience training and the future development of international fellowship accreditation.

08:30  Chair: Session Introduction
Chanhung Lee, United States

08:32  Update on the Current Status of Worldwide Neuroanaesthesia Fellowship Accreditation
Shobana Rajan, United States

08:47  ICPNT Accreditation: The UCL UK & Beijing Tiantan Experiences
Valpuri Luoma, United Kingdom

08:55  ICPNT Accreditation: The UCL UK & Beijing Tiantan Experiences
Ruquan Han, China

09:02  Future of International Neuroanaesthesia Fellowship Accreditation
Tumul Chowdhury, Canada

09:17  Questions and Answers

Session Date/Time: Wednesday, March 6, 2024  -  09:30 - 10:30

405B (Level 4)

Neuroscience: Anaesthesia for Treatment of Intracranial Aneurysms

This panel will provide you with an update on the management for microsurgical clipping of intracranial aneurysm. In particular, the use of flow arrest and other strategies for hemodynamic management will be discussed.

09:30  Chair: Session Introduction
Valpuri Luoma, United Kingdom

09:32  Anaesthetic Management for Intracranial Aneurysm Clipping
Umeshkumar Athiraman, United States

09:47  Approach to Flow Arrest for Intracranial Aneurysm Clipping
John Bebawey, United States

10:02  Hemodynamic Management of Patients with SAH
Chee Seong Peter Tan, Malaysia

10:17  Questions and Answers

Session Date/Time: Wednesday, March 6, 2024  -  11:15 - 12:15

Exhibition Hall

E-Poster Presentations: Neuroscience
PROGRAMME

All E-Posters will be showcased through a live 6-minute in-person presentation.

11:15  Details will be available by end January 2024.
    E-Poster Presentations,

12:15

Session Date/Time: Wednesday, March 6, 2024  -  13:45 - 14:45
406 (Level 4)
Neuroscience: Depth of Anaesthesia Monitoring: Much Ado about Nothing or Critical Intervention?
This panel will describe the latest advances in the monitoring of depth of anaesthesia. In particular, EEG signatures for anaesthesia and postoperative cognitive disorders will be highlighted. In addition, experts will provide an update on the link between anaesthetic depth monitoring and perioperative outcome.

13:45  Chair: Session Introduction
    Matthew Chan, Hong Kong

13:47  Monitoring Depth of Anaesthesia and Consciousness
    Erik Jensen, Spain

14:02  Depth of Anaesthesia Monitoring and Perioperative Outcomes
    Kate Leslie, Australia

14:17  EEG Signatures and Postoperative Cognitive Disorders
    Chanhung Lee, United States

14:32  Questions and Answers

Session Date/Time: Wednesday, March 6, 2024  -  14:45 - 15:45
406 (Level 4)
Neuroscience: Practice Update: Advances and Challenges in the Management of Traumatic Brain Injury
In this panel, experts will provide an update on the current advances in anaesthetic management and cerebral monitoring for patients with traumatic brain injury. Special considerations will be given for paediatric traumatic brain injury.

14:45  Chair: Session Introduction
    Maria Bustillo, United States

14:47  Considerations for Anaesthetic Management of Surgery for Traumatic Brain Injury
    Deepak Sharma, United States

15:02  Update on Neuromonitoring for Traumatic Brain Injury
    Masahiko Kawaguchi, Japan

15:17  Considerations for Paediatric Traumatic Brain Injury
    Girija Prasad Rath, India

15:32  Questions and Answers

Session Date/Time: Wednesday, March 6, 2024  -  16:15 - 17:15
Neuroscience: How I Do It? Neuroanaesthesia Recipes from the Experts

In this session, expert panel members will show you their master management for patients having posterior fossa tumour resection, endovascular thrombectomy and epilepsy surgery.

16:15 Chair: Session Introduction
   Alana Flexman, Canada

16:17 Posterior Fossa Tumour Resection
   Lilian Lukoko, Kenya

16:32 Endovascular Thrombectomy
   Ruquan Han, China

16:47 Epilepsy Surgery
   Cristiane Tavares, Brazil

17:02 Questions and Answers
Programme
Thursday, March 07, 2024

Session Date/Time: Thursday, March 7, 2024 - 08:30 - 09:30
MR 331 (Level 3)

Neuroscience: Enhanced Recovery after Complex Spine Surgery
In this session, panel members will discuss the current evidence for enhanced recovery after complex spine surgery. In particular, enhanced recovery after surgery care bundles, regional anaesthesia for spine surgery and blood conservation techniques will be highlighted.

08:30  
Chair: Session Introduction  
John Bebawy, United States

08:32  
ERAS Bundles for Spine Surgery: What Is the Evidence?  
Abhijit Lele, United States

08:47  
Regional Anaesthesia for Spine Surgery  
Jason Chui, Canada

09:02  
Blood Conservation in Major Spine Surgery  
Maria Bustillo, United States

09:17  
Questions and Answers

Session Date/Time: Thursday, March 7, 2024 - 09:30 - 10:30
MR 331 (Level 3)

Neuroscience: Perioperative Cerebral Perfusion and Stroke
In this session, panel members will discuss the current epidemiology and impact of covert brain infarction. Technologies for monitoring of cerebral perfusion during surgery, as well as strategies to detect perioperative strokes will be discussed.

09:30  
Chair: Session Introduction  
Cristiane Tavares, Brazil

09:32  
Perioperative Neuromonitoring for Cerebral Perfusion  
Deepak Sharma, United States

09:47  
Clinical Monitoring for Perioperative Stroke  
Alana Flexman, Canada

10:02  
Covert Perioperative Stroke  
Adrian Gelb, United States

10:17  
Questions and Answers

Session Date/Time: Thursday, March 7, 2024 - 10:50 - 11:50
MR 331 (Level 3)

Neuroscience: Pain Management for Neurosurgical Procedures
In this session, panel members will provide an up-to-date review on the pain management for craniotomy and complex spine surgery.
10:50  Chair: Session Introduction  
   Masahiko Kawaguchi, Japan

   Chin Ted CHONG, Singapore

11:07  Pain Management after Spine Surgery  
   Phuping Akavipat, Thailand

11:22  Pain Management after Craniotomy  
   Yoshinori Kamiya, Japan

11:37  Questions and Answers