Welcome

Dear Colleagues,

It gives us great pleasure to welcome you to the International Symposium on Neuromonitoring in the OR and ICU which is held from the 11th to 12th of March, 2016 at the Cleveland Clinic Abu Dhabi, UAE.

Organised by the Cleveland Clinic Abu Dhabi Anesthesiology Institute, this state-of the-art symposium is designed to General Anaesthesiologists, Intensivists, Trainees and Fellows looking to advance their knowledge of neuromonitoring in the OR and ICU.

The symposium aims to provide an evidence-based approach and the basic tools to interpret the different methodologies available in neuromonitoring. The two-day event focuses on the basics of neuromonitoring including EEG and automatic EEG analyzers, EP, trans-cranial Doppler, and NIRS. In addition, educating healthcare professionals in some of the neurophysiology principles that rule out the continuum between the conscious state, deep anesthesia and how to maintain sedation in the ICU. A special focus will be directed to the basic techniques of monitoring patients affected by brain injuries in the ICU. The sessions provide theoretical updates and roundtable discussions delivered by reputable international and national experts in the field of neuroscience.

We are looking forward to welcoming your participation in this unique educational experience and trust it will be a scientifically and socially rewarding, memorable and enjoyable experience.

Sincerely,

Massimo Lamperti, MD., MBA
Chairman
Consultant Anesthesiologist
Cleveland Clinic Abu Dhabi

Matvey Bobylev, MD.
Assistant Chairman
Consultant Anesthesiologist
Cleveland Clinic Abu Dhabi
Cleveland Clinic Abu Dhabi, part of Mubadala’s network of world-class healthcare facilities, is a multispecialty hospital on Al Maryah Island in Abu Dhabi, UAE. Cleveland Clinic Abu Dhabi is a unique and unparalleled extension of US-based Cleveland Clinic’s model of care, specifically designed to address a range of complex and critical care requirements unique to the Abu Dhabi population. Cleveland Clinic Abu Dhabi has five Centers of Excellence in the following Institutes: Heart & Vascular, Neurological, Digestive Disease, Eye and Respiratory & Critical Care. Other Institutes include Surgical Subspecialties, Medical Subspecialties, Emergency Medicine, Anesthesiology, Pathology & Laboratory Medicine, Imaging and Quality & Patient Safety. In all, more than 30 medical and surgical specialties are represented at Cleveland Clinic Abu Dhabi.

The facilities at Cleveland Clinic Abu Dhabi combine state-of-the-art amenities and world-class service standards. The hospital is a 364 (expandable to 490) bed facility, with five clinical floors, three diagnostic and treatment levels, and 13 floors of critical and acute inpatient units. It is a physician-led medical facility served by North American board certified (or equivalent) physicians. Cleveland Clinic Abu Dhabi provides patients in the region direct access to the world’s best healthcare providers and Cleveland Clinic’s unique model of care, reducing their need to travel abroad for treatment.

Cleveland Clinic Abu Dhabi is located on the waterfront of Al Maryah Island. The island occupies a unique position between Abu Dhabi’s existing downtown district, the upcoming developments at Al Reem Island and the new cultural district on Saadiyat Island.

Visit [www.clevelandclinicabudhabi.ae](http://www.clevelandclinicabudhabi.ae) for more information
Symposium Overview

Symposium Topics
- Basics of EEG for the non-neuroanesthesiologist
- Updates on sedative drugs and techniques
- Cerebral oximetry
- EEG states during anesthesia and ICU admission
- Basics of Transcranial-Doppler (TCD)
- Basics of Evoked Potentials (EP)
- Basics for the neurocritical care physician

Target Audience
- General Anesthesiologists
- Intensivists
- Trainees and Fellows

Accreditation
An application has been made to the EACCME® for CME accreditation of this event.

Registration
www.neuroanesthesiasymposium.org
Symposium Speakers

Cristina Honorato, MD, PhD
Consultant in Anesthesia and Critical Care Medicine
University of Navarra, School of Medicine
Navarra, Spain

Federico Bilotta, MD, PhD
Associate Professor of Anesthesiology
Sapienza University of Rome
Rome, Italy

Frank Rasulo, MD, PhD
Associate Professor of Anesthesiology
The University of Brescia
Brescia, Italy

Massimo Lamperti, MD, MBA
Consultant, Anesthesiology Institute
Cleveland Clinic Abu Dhabi
Abu Dhabi, UAE

Matvey Bobylev, MD
Consultant, Anesthesiology Institute
Cleveland Clinic Abu Dhabi
Abu Dhabi, UAE

Patric Purdon, PhD
Instructor of Anesthesia
Harvard Medical School
Boston, USA

Rafi Avitsian, MD
Section Head for the Neurosurgical Anesthesiology
Cleveland Clinic Main Campus
Ohio, USA

Zulfiqar Hussain, MD
Consultant, Neurological Institute
Cleveland Clinic Abu Dhabi
Abu Dhabi, UAE
### Scientific Program

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<th>11th of March</th>
<th>Topic</th>
<th>Presenter</th>
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<td>07:30-08:30</td>
<td>Registration</td>
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<tr>
<td>08:30-08:45</td>
<td>Welcome</td>
<td>M. Lamperti, MD, MBA</td>
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<tr>
<td>08:45-09:15</td>
<td>Basics of EEG for the Non-Neuroanesthesiologists</td>
<td>C. Honorato, MD, PhD</td>
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<td>09:15-10:00</td>
<td>Update on Sedative Drugs and Techniques</td>
<td>F. Bilotta, MD, PhD</td>
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<td>10:00-10:45</td>
<td>Cerebral Oximetry</td>
<td>R. Avitsian, MD, PhD</td>
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<td>10:45-11:15</td>
<td>Coffee Break</td>
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<tr>
<td>11:15-11:45</td>
<td>EEG States during Anesthesia and ICU Admission</td>
<td>P. Purdon, PhD</td>
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<td>11:45-12:00</td>
<td>Intraoperative Awareness: Where Are We?</td>
<td>M. Lamperti, MD, PhD</td>
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<td>12:00-12:30</td>
<td>Lunch</td>
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## Scientific Program

### 11th of March

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<tr>
<td>13:30-14:15</td>
<td>TCD: The Basics</td>
<td>F. Rasulo, MD, PhD</td>
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<tr>
<td>14:15-14:45</td>
<td>Evoked Potentials: the Basics</td>
<td>Z. Hussain, MD</td>
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<td>14:45-15:30</td>
<td>Basics for the Neurocritical Care Physician</td>
<td>M. Lamperti, MD, PhD</td>
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<td>15:30-16:00</td>
<td><strong>Coffee Break</strong></td>
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### 16:00-18:00

**Problem-based learning discussions**

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<tr>
<td>16:00-17:00</td>
<td>The Strange Case of Mr. Brown</td>
<td>M. Bobylev, MD</td>
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<tr>
<td>17:00-18:00</td>
<td>Back to the OR - Selection of Cerebral Oxygenation Monitor</td>
<td>R. Avitsian, MD, PhD</td>
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### 12th of March

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<th>Time</th>
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<tr>
<td>09:00-12:00</td>
<td><strong>Problem-based learning discussions</strong></td>
<td></td>
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<tr>
<td>09:00-10:00</td>
<td>Dilemmas in Monitoring and Prevention of Anaesthetic Awareness</td>
<td>F. Bilotta, M.D., Ph.D</td>
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<tr>
<td>10:00-11:00</td>
<td>The Elderly Brain</td>
<td>F. Rasulo, MD, PhD</td>
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<td>11:00-12:00</td>
<td>The NeuroFAST Protocol</td>
<td>M. Lamperti, MD, PhD</td>
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<tr>
<td>12:00-12:30</td>
<td>Closure and Greetings</td>
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