01DA  Pro & Con Debate

Deep neuromuscular block - A standard of care: Pro-Con

Chair:
Maria Wittmann (Bonn, Germany)

PRO
Christoph Unterbuchner (Regensburg, Germany)

CON
Manfred Blobner (Munich, Germany)

01LB  Lecture

Which drug should I stop or continue before anaesthesia?

Chair:
Maria Wittmann (Bonn, Germany)

Should I stop or continue drugs before giving anaesthesia?
Michel Struys* (Groningen, Netherlands)

01LC  Lecture

Bispectral index, state and response entropy, quantification of consciousness, patient state index: different or more of the same?

Chair:
Daniela Ionescu* (Cluj Napoca, Romania)

Speaker:
Hugo Vereecke (Brugge, Belgium)

01LD  Lecture

Hot topics in general anaesthesiology - Last 12 months' top publications

Chair:
Anthony Absalom* (Groningen, Netherlands)

Speaker:
Andreas Hoeft (Bonn, Germany)
Perioperative Neurocognitive Disorder; nomenclature, research guidelines and best practices

Chair:
Hugo Vereecke (Brugge, Belgium)

Speaker:
Roderic G. Eckenhoff (Philadelphia, United States)

Biomarkers of Perioperative Neurocognitive Disorder (PND) vulnerability and progression

Chair:
Roderic G. Eckenhoff (Philadelphia, United States)

Can EEG patterns, at baseline or in response to anesthetic drugs, predict PND?
Patrick Purdon (Boston, United States)

What does PET imaging or CSF reveal about the brain’s vulnerability or response to anesthesia and surgery?
Lars I Eriksson (Stockholm, Sweden)

Can fMRI predict how the older brain will respond to stresses like anesthesia and surgery?
James Ibinson (Pittsburgh, United States)

Progress in the detection and application of central nervous system injury biomarkers in biofluids
Kaj Blennow (Gothenburg, Sweden)

Novel biomarkers of neurodegeneration
Roderic G. Eckenhoff (Philadelphia, United States)

Pharmacology for anaesthesiologists - Principals and pitfalls for the European Diploma in Anaesthesiology and Intensive Care (EDAIC)

Chair:
Michel Struys* (Groningen, Netherlands)

Pharmacology for anaesthesiologists - Principals and pitfalls for the EDAIC
Philip Hopkins (Leeds, United Kingdom)

New drugs for anaesthesia: ready to launch?

Chair:
Stefan Schraag (Clydebank, United Kingdom)

New drugs for the anaesthesiologist: ready to launch?
Michel Struys* (Groningen, Netherlands)
### Symposium 60’

**Artificial intelligence in perioperative medicine – Current concepts and future directions**

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<th><strong>Chair:</strong></th>
<th><strong>Oliver Kimberger</strong> (Vienna, Austria)</th>
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<tr>
<td><strong>Big data, artificial intelligence, machine learning – What do these &quot;buzz words&quot; really mean?</strong></td>
<td>Frédéric Michard* (Denens, Switzerland)</td>
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<td><strong>We need &quot;perioperative intelligence&quot; to use artificial intelligence in perioperative medicine</strong></td>
<td>Kamal Maheshwari* (Cleveland, United States)</td>
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<td><strong>How to use artificial intelligence in perioperative care – Practical examples</strong></td>
<td>Oliver Kimberger* (Vienna, Austria)</td>
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### Symposium 60’

**Opportunities and challenges for new hypnotics**

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<th><strong>Chair:</strong></th>
<th><strong>Philip Hopkins</strong> (Leeds, United Kingdom)</th>
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<td><strong>Remimazolam for general anaesthesia and sedation</strong></td>
<td>Joerg Fechner* (Erlangen, Germany)</td>
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<td><strong>Can a drug be better than propofol?</strong></td>
<td>Stefan Schraag (Clydebank, United Kingdom)</td>
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<td><strong>Should we look outside the GABA receptor for new hypnotics?</strong></td>
<td>J. Robert Sneyd* (Plymouth, United Kingdom)</td>
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### Symposium 60’

**Perioperative goal-directed haemodynamic therapy – Current concepts and future directions**

**Reserved seats available for the ILT pre-registered delegates**

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<th><strong>Chair:</strong></th>
<th><strong>Thomas Scheeren</strong> (Groningen, Netherlands)</th>
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<td><strong>Perioperative goal-directed hemodynamic therapy – Basic concepts and pathophysiologic rationale</strong></td>
<td>Bernd Saugel* (Hamburg, Germany)</td>
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<td><strong>Perioperative goal-directed hemodynamic therapy – The role of protocol compliance</strong></td>
<td>Michael Sander* (Giessen, Germany)</td>
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<tr>
<td><strong>Perioperative goal-directed haemodynamic therapy in the future – Will everything be non-invasive and &quot;closed loop&quot;?</strong></td>
<td>Alexandre Joosten* (Brussels, Belgium)</td>
</tr>
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</table>
**What’s new in patient monitoring?**

Chair: Thomas Scheeren* (Groningen, Netherlands)

- Are we ready for noninvasive hemodynamic monitoring?  
  Michael Sander* (Giessen, Germany)

- Can we monitor and target the microcirculation in the perioperative setting?  
  Jacques Duranteau (Le Kremlin-Bicêtre, France)

- How should patients on the normal ward be monitored in 2030?  
  Wolfgang Buhre* (Maastricht, Netherlands)

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**Perioperative fluid therapy in 2020**

Chair: Wolfgang Buhre* (Maastricht, Netherlands)

- Is there still a place for HES in the OR?  
  Alexandre Joosten* (Brussels, Belgium)

- Is there still a place for HES in the ICU?  
  Daniel Chappell* (Munich, Germany)

- What’s new in fluid responsiveness assessment?  
  Thomas Scheeren* (Groningen, Netherlands)

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**Practical ethical issues in perioperative medicine**

Chair: Antoine Baumann (Le Kremlin-Bicêtre, France)

- Can women in labour give informed consent to epidural analgesia?  
  Alexandra Schyns-Van Den Berg (Dordrecht, Netherlands)

- Treating family members –An ethical issue?  
  Paul McConnell (Paisley, United Kingdom)

- How to say I’m not the right doctor for your case?  
  Jean Delfraissy (Paris, France)
### Opportunities and challenges with dexmedetomidine

**Chair:** Stefan Schraag (Clydebank, United Kingdom)

- **Using dexmedetomidine to prevent and treat delirium and postoperative cognitive dysfunction**
  Daqing Ma (London, United Kingdom)

- **Influence of dexmedetomidine on cancer growth and metastasis**
  Donal J. Buggy (Dublin, Ireland)

- **Target-controlled infusion for dexmedetomidine**
  Michel Struys* (Groningen, Netherlands)

### Anaesthesia and surgical care in patients with Ebola Virus Disease (EVD)

**Symposium organised by the World Federation of Societies of Anaesthesiologists (WFSA)**

**Chair:** Jannicke Mellin-Olsen (Rud, Norway)

- **Impact of endemic EVD on surgery and Anaesthesia Care: World Health Organisation (WHO) perspective**
  Walter Johnson (Geneva, Switzerland)

- **WHO guidelines on surgery and anaesthesia care in EVD infection including obstetrics**
  Janet Martin (London, Canada)

- **Management of EVD patients in perioperative settings and in recovered patients**
  Davy Cheng (London, Canada)

### Hypotension, organ injury and outcomes

**Session organised by the British Journal of Anaesthesia (BJA)**

**Chair:** Hugh Hemmings* (New York, United States)

- **Perioperative blood pressure and outcomes: what perioperative quality initiative has to say**
  Monty Mythen* (London, United Kingdom)

- **Role of perioperative hypotension in myocardial injury**
  Duminda Wijeysundera (Toronto, Canada)

- **Monitoring approaches to minimizing organ injury**
  Christa Boer (Amsterdam, Netherlands)
**Consciousness, unconsciousness and general anaesthesia**

**Chair:**
Michel Struys* (Groningen, Netherlands)

**Measuring consciousness**
Pedro Gambus* (Barcelona, Spain)

**How do general anaesthetics cause unconsciousness?**
Hugh Hemmings* (New York, United States)

**Breakthrough awareness during surgery: can we detect and prevent it?**
Robert Sanders (Madison, United States)

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**The role of perioperative echocardiography in 2020**

**Chair:**
Jean-Luc Fellahi* (Lyon, France)

**The role of perioperative echocardiography in 2020**
TBA

**Preoperative echocardiography assessment: what should I look for?**
Nick Fletcher (London, United Kingdom)

**The impact of diastolic dysfunction in the perioperative period**
Filippo Sanfilippo (Catania, Italy)