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

Chair: Maria Wittmann (Bonn, Germany)

PRO
Christoph Unterbuchner (Regensburg, Germany)

CON
Manfred Blobner (Munich, Germany)

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)

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)

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 anaesthesia 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)
01SA
Symposium 60’

Artificial intelligence in perioperative medicine – Current concepts and future directions

Chair:
Oliver Kimberger* (Vienna, Austria)

Big data, artificial intelligence, machine learning – What do these "buzz words" really mean?
Frédéric Michard* (Denens, Switzerland)

We need "perioperative intelligence" to use artificial intelligence in perioperative medicine
Kamal Maheshwari* (Cleveland, United States)

How to use artificial intelligence in perioperative care – Practical examples
Oliver Kimberger* (Vienna, Austria)

01SB
Symposium 60’

Opportunities and challenges for new hypnotics

Chair:
Philip Hopkins (Leeds, United Kingdom)

Remimazolam for general anaesthesia and sedation
Joerg Fechner* (Erlangen, Germany)

Can a drug be better than propofol?
Stefan Schraag (Clydebank, United Kingdom)

Should we look outside the GABA receptor for new hypnotics?
J. Robert Sneyd* (Plymouth, United Kingdom)

01SC
Symposium 60’

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

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

Chair:
Thomas Scheeren* (Groningen, Netherlands)

Perioperative goal-directed hemodynamic therapy – Basic concepts and pathophysiologic rationale
Bernd Saugel* (Hamburg, Germany)

Perioperative goal-directed hemodynamic therapy – The role of protocol compliance
Michael Sander* (Giessen, Germany)

Perioperative goal-directed haemodynamic therapy in the future – Will everything be non-invasive and "closed loop"?
Alexandre Joosten* (Brussels, Belgium)
**01SD Symposium 60'**

**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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**01SE Symposium 60'**

**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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**01SG Symposium 60'**

**Practical ethical issues in perioperative medicine**

**Chair:**
Antoine Baumann (Le Kremlin-Bicetre, 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)
01SH  Symposium 60’

**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)

01SI  Symposium 60’

**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)

01SJ  Symposium 60’

**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)

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<tr>
<td>Measuring consciousness</td>
<td>Pedro Gambus* (Barcelona, Spain)</td>
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<tr>
<td>How do general anaesthetics cause unconsciousness?</td>
<td>Hugh Hemmings* (New York, United States)</td>
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<td>Breakthrough awareness during surgery: can we detect and prevent it?</td>
<td>Robert Sanders (Madison, United States)</td>
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### The role of perioperative echocardiography in 2020

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

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<thead>
<tr>
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<tr>
<td>The role of perioperative echocardiography in 2020</td>
<td>TBA</td>
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<tr>
<td>Preoperative echocardiography assessment: what should I look for?</td>
<td>Nick Fletcher (London, United Kingdom)</td>
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<tr>
<td>The impact of diastolic dysfunction in the perioperative period</td>
<td>Filippo Sanfilippo (Catania, Italy)</td>
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</table>
Elderly patients undergoing ambulatory surgery

Chair: Gilda Cinnella (Foggia, Italy)

- Multi-medication use during ambulatory surgery
  Jan H. Eshuis (Amsterdam, Netherlands)
- Postoperative cognitive dysfunction and delirium
  Lars Simon Rasmussen (Copenhagen, Denmark)
- Management of patients under anticoagulant drugs
  Lucia Mirabella (Foggia, Italy)

TransUrethral Resection of the Prostate (TURP) in ambulatory surgery

Chair: Gilda Cinnella (Foggia, Italy)

Panelists:
- Jeroen Hermanides (Amsterdam, Netherlands)
- Tatjana Simurina (Zadar, Croatia)
PEARL IN PEDIATRIC REGIONAL ANAESTHESIA

Chair: Luc Sermeus* (Edegem, Belgium)

Safety in regional anaesthesia

Chair: Tatiana Sidiropoulou (Athens, Greece)

Joint arthroplasty: essential tools for a performing program

Chair: Kariem El-Boghdadly (London, United Kingdom)

Anesthesia in high risk patients for knee/hip arthroplasty: keep it simple
Alan Macfarlane (Glasgow, United Kingdom)

Clinical pathways for knee/hip arthroplasty: essentials
Matthias Desmet (Kortrijk, Belgium)

Knee blocks for knee arthroplasty
Eric Albrecht (Lausanne, Switzerland)
Hot topics in regional anaesthesia - Last 12 months' top publications

Chair:
Eric Albrecht (Lausanne, Switzerland)

Selected papers from Amit
Amit Pawa (London, United Kingdom)

Selected papers from Alan
Alan Macfarlane (Glasgow, United Kingdom)

Selected papers from Morné
Morne Wolmarans (Norwich, United Kingdom)
OBSTETRIC ANAESTHESIOLOGY
Learning Track 4

04LA Lecture

Hot topics in obstetric anaesthesia and anaesthesia - Last 12 months’ top publications

Chair:
Emilia Guasch (Madrid, Spain)

Hot topics in obstetric anaesthesia and anaesthesia
Nuala Lucas (London, United Kingdom)

04LTA Lightning Talks

Tips and tricks in obstetric anaesthesia - Analgesia and resuscitation

Chair:
Frédéric Mercier (Clamart, France)

Rapid neuraxial anaesthesia for caesarean section
Chris Elton (Leicester, United Kingdom)

Pain during caesarean section under neuraxial anaesthesia: prevention and treatment
Dan Benhamou (Paris, France)

The pregnant woman with low platelets: can I do the epidural?
Nuala Lucas (London, United Kingdom)

Managing the failing labour epidural
Emilia Guasch (Madrid, Spain)

Point of care monitoring devices & pro-haemostatic drugs management
TBA

04SA Symposium 60’

Obstetric nightmares

Chair:
Dominique Chassard (Bron, France)

Learning from 60 years of maternal confidential enquiries in UK
James Bamber* (Cambridge, United Kingdom)

Amniotic Fluid Embolism (AFE) - New insights from research
Marie-Pierre Bonnet (Clamart, France)

Cardiac arrest in pregnancy - Can we do better?
Sharon Einav (Jerusalem, Israel)
Drugs, anaesthesia and the mother-child risk assessments

Chair:
Carolyn Weiniger (Tel Aviv, Israel)

Effects of maternal drugs use on risks of congenital abnormalities: balanced decision making
Brian T. Bateman* (Boston, United States)

Anaesthesia during pregnancy and potential consequences for the mother and the foetus
Sarah Devroe (Leuven, Belgium)

Round table on the management of the pregnant patient by the anaesthesiologist - Questions & answers
Carolyn Weiniger (Tel Aviv, Israel)

Point Of Care Ultrasound (POCUS) in obstetric anaesthesia

Chair:
Dominique Chassard (Bron, France)

Airway and pulmonary ultrasound
Michael Seltz Kristensen (Copenhagen, Denmark)

Gastric ultrasound
Peter Van de Putte (Bonheiden, Belgium)

Cardiac ultrasound
Erik Sloth (Risskov, Denmark)

Improving maternal safety

Chair:
Nuala Lucas (London, United Kingdom)

Predicting maternal morbidity
Brian T. Bateman* (Boston, United States)

Improving outcomes from maternal morbidity UKOSS studies
Marian Knight (Oxford, United Kingdom)

Resources to plan anaesthesia management for the high risk patient
Carolyn Weiniger (Tel Aviv, Israel)
## Anaesthesia in mother and child: a challenge for the future

Session organised by the European Board of Anaesthesiology (EBA)

**Chair:**
Goetz Geldner (Ludwigsburg, Germany)

**How to train better in obstetric and paediatric anaesthesia**
Edoardo De Robertis (Perugia, Italy)

**EUROMISTOBAN - An EBA project for a better mother care**
Emilia Guasch (Madrid, Spain)

**Wellbeing in obstetric practice. Can we measure and improve it?**
Estelle Morau (Montpellier, France)
**Pro & Con Debate**

**Is it necessary to gain IV access before instrumenting the airway or not at all for short paediatric procedures? Pro-Con**

**Chair:**
Francis Veyckemans (Lille, France)

**PRO**
Laszlo Vutskits (Geneva, Switzerland)

**CON**
Vittoria Arslan-Carlon (New York, United States)

**Update on Total IntraVenous Anaesthesia (TIVA) in children**

**Chair:**
Karin Becke (Nuremberg, Germany)

**Update on TIVA in children**
Anthony Absalom* (Groningen, Netherlands)

**Meet the Expert**

**What every anaesthesiologist should know about the paediatric airways?**

**Chair:**
Nicola Disma (Genoa, Italy)

**Speaker:**
John Fiadjoe (Philadelphia, United States)

**Symposium 60’**

**The paediatric airways**

**Chair:**
Torsten Lauritsen (Copenhagen, Denmark)

**Management of the anticipated difficult paediatric airway**
Maren Kleine-Brueggeney (London, United Kingdom)

**Frontal Neck Access (FONA) in children. Epidemiology and technique**
Thomas Riva (Bern, Switzerland)

**Small lumen ventilation: how to apply in paediatrics**
Dietmar Enk* (Muenster, Germany)
### Good clinical practice in paediatric anaesthesia

Session organised by the Scientific Subcommittee on Paediatric Anaesthesiology in collaboration with the European Society for Paediatric Anaesthesiology (ESPA)

**Chair:** Laszlo Vutskits (Geneva, Switzerland)

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<td>Peter Frykholm (Uppsala, Sweden)</td>
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<td>Which monitoring is mandatory for “safe” anaesthesia?</td>
<td>Ian Yuan (Philadelphia, United States)</td>
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<tr>
<td>Should I use LMA or tracheal tube for my anaesthesia?</td>
<td>Britta von Ungern-Sternberg (Perth, Australia)</td>
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### Neonatal anaesthesia outcomes - The NECTARINE CTN

**Chair:** Thomas Fuchs-Buder (Nancy, France)

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<td>Francis Veyckemans (Lille, France)</td>
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<td>Results</td>
<td>Wald Habre (Geneva, Switzerland)</td>
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<td>Statistical analysis applied</td>
<td>Katalin Virag (Budapest, Hungary)</td>
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<td>Future implication of the Nectarine study</td>
<td>Nicola Disma (Genoa, Italy)</td>
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### Updated evidences in paediatric anaesthesia

Session organised by the Brazilian Society of Anesthesiology (SBA)

**Chair:** Debora de Oliveira Cumino (São Paulo, Brazil)

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<td>Assessment of neuromuscular blockade in children</td>
<td>Ricardo Carlos (Sao Paulo, Brazil)</td>
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<td>Anaesthesia and recent respiratory infection</td>
<td>Luciana Cavalcanti Lima (Recife-Pe, Brazil)</td>
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<td>Perioperative management of living-donor transplantation</td>
<td>Marcella Marino Malavazzi Clemente (Sao Paulo, Brazil)</td>
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### 06RCA  
**Refresher Course**

**Subarachnoid haemorrhage: updates on the treatment**

**Chair:**  
Alexander Zlotnik (Beer-Sheva, Israel)

**Speaker:**  
Martin Soehle (Bonn, Germany)

### 06SA  
**Symposium 60’**

**Crisis management in neuroanaesthesia**

**Chair:**  
Aeyal Raz* (Haifa, Israel)

**Personalised therapy of intracranial hypertension**  
TBA

**Perioperative bleeding around craniotomy**  
Irene Rozet (Seattle, United States)

**Brain-heart crosstalk after traumatic brain injury**  
Wojciech Dabrowski (Lublin, Poland)

### 06SB  
**Symposium 60’**

**Anaesthetic issues related to spinal surgery**

**Chair:**  
Martin Soehle (Bonn, Germany)

**Airway management in patients with spinal cord injury**  
Alexander Zlotnik (Beer-Sheva, Israel)

**Bleeding management during and after major spine surgery**  
Sibylle Kietai* (Vienna, Austria)

**Blindness after spine surgery**  
Argyro Zoumprouli (London, United Kingdom)
Patient blood management in cardiovascular surgery
**Reserved seats available for the ILT pre-registered delegates**
Chair: Wojciech Szczeklik (Krakow, Poland)
Panelists:
Christa Boer (Amsterdam, Netherlands)
Marco Ranucci* (San Donato Milanese, Italy)
Beverley Hunt (London, United Kingdom)

Ten minutes to understand
Chair: Jean-Luc Fellahi* (Lyon, France)
The septic cardiomyopathy
Jean-Luc Fellahi* (Lyon, France)
The hypertrophic cardiomyopathy
Bernard Cholley (Paris, France)
The adrenergic cardiomyopathy
Etienne Gayat* (Paris, France)
The diabetic cardiomyopathy
Benedikt Preckel* (Amsterdam, Netherlands)
The ischemic cardiomyopathy
Duminda Wijeysundera (Toronto, Canada)

Current trends in thoracic anaesthesia: from experts towards consensus
Session organised in collaboration with the European Association of Cardiothoracic Anaesthesiology (EACTA)
Chair:
Nandor Marczin (Harefield, United Kingdom)
Good clinical practice recommendations by the EACTA thoracic subcommittee
Laszlo Szegedi (Lodelinsart, Belgium)
Modifying patient risk profiles and outcomes through prehabilitation
Marc-Joseph Licker (Geneva, Switzerland)
Protective ventilation strategies for thoracic anaesthesia
Marcelo Gama de Abreu (Dresden, Germany)
Networking with the experts on Cardiothoracic and Vascular Anaesthesiology

This symposium is organised by the ESA Trainee Network

Chair:
Bernard Cholley (Paris, France)

Hot Topics in Thoracic Anaesthesia
Mark Steven (Glasgow, United Kingdom)

Hot Topics in Cardiac Anaesthesia
Giovanni Landoni (Milan, Italy)

Hot Topics in Vascular Anaesthesia
Miodrag Filipovic* (St. Gallen, Switzerland)

Current clinical trials that will determine the future of thoracic anaesthesia

Chair:
Nandor Marczin (Harefield, United Kingdom)

Defining the role of TIVA vs inhalational anaesthesia on long term outcomes
Bernhard Riedel* (Melbourne, Australia)

The one lung ventilation paradigm through the PROTHOR trial
Nuzhet Mert Sentürk (Istanbul, Turkey)

Tackling the acute and chronic pain management for thoracotomy (TOPIC2 Trial)
Fang Gao Smith (Birmingham, United Kingdom)

Myocardial Injury in Non-Cardiac surgery (MINS)

Chair:
Bernhard Riedel* (Melbourne, Australia)

Determinants of MINS
Johann Knotzer (Wels, Austria)

hsTNT as a biomarker for postoperative non cardiac organ failure
Gareth Ackland (London, United Kingdom)

MINS after vascular surgery
Wojciech Szczeklik (Krakow, Poland)
07SE Symposium 60’

**Updates in vascular surgery**

**Chair:** Christa Boer (Amsterdam, Netherlands)

**New surgical strategies in aortic dissection**
Jean-Marc Alsac (Paris, France)

**Controversies in anaesthesia for carotid surgery**
Marc-Joseph Licker (Geneva, Switzerland)

**Enhanced Recovery After Surgery (ERAS) in vascular surgery**
Simon Howell* (Leeds, United Kingdom)

07SF Symposium 60’

**Current trends in thoracic anaesthesia: from expert to mainstream**

**Chair:** Simon Howell* (Leeds, United Kingdom)

**Difficult airway management in thoracic surgery**
Laszlo Szegedi (Lodelinsart, Belgium)

**New methods to use bronchial blockers and double lumen tubes**
Nuzhet Mert Sentürk (Istanbul, Turkey)

**Tubeless thoracic surgery: myth or reality?**
Edmond Cohen (New York, United States)

07SG Symposium 60’

**Hot topics in thoracic**

**Chair:** Edmond Cohen (New York, United States)

**Uniportal thoracoscopic surgery: is that the future?**
Diego Gonzalez-Rivas (Coruna, Spain)

**Paradigm changes in lung transplantation: a multi-society consensus agreement**
Nandor Marczin (Harefield, United Kingdom)

**Robotic or video-assisted lung resection: different anaesthetic challenges?**
Marc Leone (Marseille, France)
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<th>Session organised in collaboration with the European Association of Cardiothoracic Anaesthesiology (EACTA)</th>
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</table>
| **Chair:**                  | Stefan De Hert (Gent, Belgium)  
Fabio Guarracino (Pisa, Italy) |
| **Heart-lung interaction**  | Bernard Cholley (Paris, France)         |
| **Heart-splanchnic interaction** | TBA                             |
| **Heart-circulation interaction** | Fabio Guarracino (Pisa, Italy) |
Cannabinoids in pain management: Pro-Con

Chair: Kris Vissers (Nijmegen, Netherlands)

Pro
- Silviu Brill (Tel Aviv, Israel)

Con
- Winfried Häuser (Saarbrücken, Germany)

Update evidence based interventional pain medicine, according to clinical diagnoses

Chair: Kris Vissers (Nijmegen, Netherlands)

Evidence based interventions for cancer and non-cancer pain
- Jan Van Zundert (Lanaken, Belgium)

Mechanisms of pain chronification

Chair: Esther M. Pogatzki-Zahn* (Muenster, Germany)

Why pain gets chronic - Basic science mechanisms of pain chronification
- Marc René Suter (Lausanne, Switzerland)
**Symposium 60'**

### Opioid - Sparing anaesthesia

**Chair:**
Esther M. Pogatzki-Zahn* (Muenster, Germany)

**Perioperative opioids – Friend or foe?**
Albert Dahan* (Leiden, Netherlands)

**Opioid - Sparing anaesthesia**
Eric Albrecht (Lausanne, Switzerland)

**Opioid - Sparing analgesia after surgery**
Patricia Lavandhomme (Brussels, Belgium)

### Patient Reported Outcome Measures (PROMs) beyond pain scores

**Chair:**
Kris Vissers (Nijmegen, Netherlands)

**Development of core outcome sets - Why, how, who?**
Ulrike Kaiser (Dresden, Germany)

**PROMs for postoperative pain – Why is it so difficult to decide what is a good pain outcome after surgery?**
Esther M. Pogatzki-Zahn* (Muenster, Germany)

**First core outcome measurement set for complex regional pain syndrome**
Sharon Grieve (Bath, United Kingdom)

### Hot topics in pain and palliative care - Last 12 months' top publications

**Chair:**
Jan Van Zundert (Lanaken, Belgium)

**Acute and chronic postoperative pain**
Esther M. Pogatzki-Zahn* (Muenster, Germany)

**Chronic pain**
Marc René Suter (Lausanne, Switzerland)

**Palliative care**
Kris Vissers (Nijmegen, Netherlands)
What’s new in acute postoperative pain management for obstetric, ambulatory and orthopedic patients

Session organised by the American Society of Anesthesiology (ASA)

Chair: Meg Rosenblatt (New York, United States)

Update in analgesia techniques for postpartum pain
Joy Hawkins (Aurora, United States)

Update in analgesics for patients undergoing ambulatory surgeries
David Hepner (Boston, United States)

Update in techniques to treat acute pain following orthopedic procedures
Meg Rosenblatt (New York, United States)
INTENSIVE CARE MEDICINE
Learning Track 9

09DA
Pro & Con Debate

Inhalation anaesthetics: first choice for intensive care sedation? Pro-Con

Chair:
Gary Mills (Sheffield, United Kingdom)

PRO
Stefan Schaller (Berlin, Germany)

CON
Stefan Schraag (Clydebank, United Kingdom)

09LA
Lecture

Hot topics in intensive care medicine - Last 12 months' top publications

Chair:
Christian Putensen (Bonn, Germany)

Speaker:
Samir Jaber (Montpellier, France)

09MEA
Meet the Expert

Refractory septic shock

Chair:
Cesare Gregoretti* (Palermo, Italy)

Speaker:
Daniel De Backer (Brussels, Belgium)

09MEB
Meet the Expert

Sleep and sedation in the ICU

Chair:
Cesare Gregoretti* (Palermo, Italy)

Speaker:
Stefano Romagnoli* (Firenze, Italy)
**Point-of-care gastric ultrasound**

**Chair:**
Eric Albrecht (Lausanne, Switzerland)

**Speaker:**
Kariem El-Boghdadly (London, United Kingdom)

**Haemodynamic monitoring in ICU**

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

- **New methods of cardiac output monitoring**
  Zsolt Molnar* (Szeged, Hungary)

- **Validation studies - What are they really worth?**
  Bernd Saugel* (Hamburg, Germany)

- **Cardiac output monitoring in 2050**
  Frédéric Michard* (Denens, Switzerland)

**Modulating the immune system in sepsis**

**Chair:**
Zsolt Molnar* (Szeged, Hungary)

- **What’s the rationale?**
  Didier Payen De La Garanderie (Paris, France)

- **Extracorporeal cytokine removal**
  Gernot Marx* (Aachen, Germany)

- **Immunoglobulins: when and how?**
  Massimo Girardis* (Modena, Italy)

**Managing coma in critically ill patients**

**Chair:**
Edoardo De Robertis (Perugia, Italy)

- **Post anoxic coma**
  Alexander Zlotnik (Beer-Sheva, Israel)

- **Sepsis associated encephalopathy**
  Ornella Piazza (Baronissi, Italy)

- **Hepatic encephalopathy**
  Dana Rodica Tomescu (Bucharest, Romania)
### Peri-operative care for End Stage Liver Disease (ESLD) and Liver Transplantation (LT)

Symposium organised by the Liver Intensive Care Group of Europe (LICAGE)

**Chair:**
Koen Reyntjens (Groningen, Netherlands)

**How to avoid futile transplantation?**
Dana Rodica Tomescu (Bucharest, Romania)

**Thrombosis in ESLD: how to manage in the perioperative period?**
Annabel Blasi (Barcelona, Spain)

**Enhanced recovery after LT: myth or reality?**
Giandomenico Biancofiore (Pisa, Italy)

### Fluids and abdominal hypertension

Session organised by the International Fluid Academy (IFA) in collaboration with the World Society of the Abdominal Compartment Syndrome (WSACS)

**Chair:**
Manu Malbrain (Jette, Belgium)

**Fluids are drugs: it is time to consider the 4D's and 4 phases of fluid therapy?**
Manu Malbrain (Jette, Belgium)

**Assessing fluid responsiveness in abdominal hypertension**
Xavier Monnet (Paris, France)

**Organ-organ interaction: fluids and the polycompartment syndrome**
Zsolt Bodnar (Debrecen, Hungary)

**Use of ultrasound in de-resuscitation**
Adrian Wong (Guildford, United Kingdom)

### ExtraCorporeal Membrane Oxygenation (ECMO): still a tool for referral centre?

**Chair:**
Giacomo Grasselli* (Milan, Italy)

**Should I always transport my patient to an ECMO centre?**
Paolo Pelosi (Genoa, Italy)

**Only ICU or other settings?**
Sharon Einav (Jerusalem, Israel)

**When to withdraw?**
Paul McConnell (Paisley, United Kingdom)
**Lecture 10LA**

**Hot topics in critical emergency medicine - Last 12 months’ top publications**

**Chair:**
Bernd Böttiger (Cologne, Germany)

**Speaker:**
Giuseppe Ristagno* (Rozzano, Italy)

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**Symposium 10SA**

**Approaching the new CardioPulmonary Resuscitation (CPR) guidelines**

**Chair:**
Giuseppe Ristagno* (Rozzano, Italy)

**Advanced airway management during CPR: yes or no?**
Kemal Tolga Saracoglu (Istanbul, Turkey)

**Drugs during CPR: what are the evidences for adrenaline and amiodarone?**
Giuseppe Ristagno* (Rozzano, Italy)

**Extracorporeal CPR: when and how?**
Luca Brazzi (Turin, Italy)

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**Symposium 10SB**

**Airway management in the emergency setting**

**Chair:**
Kemal Tolga Saracoglu (Istanbul, Turkey)

**Role of non-invasive ventilation**
Kurt Ruetzler (Cleveland, United States)

**Role of traditional and video laryngoscope**
Massimiliano Sorbello (Catania, Italy)

**Role of Highflow nasal cannula**
Imran Ahmed (West Bromwich, United Kingdom)
### Educating the world in cardiopulmonary resuscitation and critical emergency medicine

**Chair:** TBA

- **Role of community based programmes to improve outcome of cardiac arrest**
  Karl-Christian Thies (Greifswald, Germany)

- **The KIDS SAVE LIFES experience**
  Bernd Böttiger (Cologne, Germany)

- **The 'World Restart a Heart' project**
  TBA

### A 2020 approach to trauma management - New aspects

**Chair:** Ayten Saracoglu (Istanbul, Turkey)

- **Prevention of trauma related acute lung injury**
  Giacomo Grasselli* (Milan, Italy)

- **Protection of microcirculation during trauma resuscitation**
  Ayten Saracoglu (Istanbul, Turkey)

- **Challenges in airway trauma**
  Michael Seltz Kristensen (Copenhagen, Denmark)

### Insights in Rapid Response System (RRS)

**Chair:** Kurt Ruetzler (Cleveland, United States)

- **The extracorporeal cardiopulmonary resuscitation team: the Swiss clinical experience**
  Gabor Erdös (Bern, Switzerland)

- **Role of human factors in RRS**
  Stephen Sollid (Stavanger, Norway)

- **Helicopter emergency medical service: the Italian guidelines**
  Flavia Petrini (Chieti, Italy)
RESPIRATION AND AIRWAY MANAGEMENT
Learning Track 11

**Does my patient need awake intubation?**

**Chair:**
Christian Putensen (Bonn, Germany)

**Awake intubation: PRO**
Imran Ahmed (West Bromwich, United Kingdom)

**Awake intubation: CON**
Ruediger Noppens (London, Canada)

**High Flow Nasal Therapy (HFNT) in perioperative setting**

**Chair:**
Massimiliano Sorbello (Catania, Italy)

**Panelists:**
Jean-Damien Ricard (Colombes, France)
Anil Patel (London, United Kingdom)
Michael Margarson (Chichester, United Kingdom)

**Meet the Expert: 10 years of Helsinki Declaration – Difficult/failed intubation**

**Chair:**
Guy Serge Antoine Haller (Geneva, Switzerland)

10 years of Helsinki Declaration – Difficult/failed intubation
Massimiliano Sorbello (Catania, Italy)
**Symposium 60'**

**Critical airways**

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

**Chair:**

TBA

- **Difficult Airway Society (DAS) awake intubation guidelines**
  
  Imran Ahmed (West Bromwich, United Kingdom)

- **Airway management in obstetrics: update 2020**
  
  Mary Mushambi (Leicester, United Kingdom)

- **Perioperative management of obstructive sleep apnea patients**
  
  Ruggero Massimo Corso (Forli, Italy)

**Universal airways**

**Chair:**

Massimiliano Sorbello (Catania, Italy)

- **The project for universal management of airways**
  
  Carin A. Hagberg* (Houston, United States)

- **Critical airways critical language**
  
  Nicholas Chrimes (Melbourne, Australia)

- **A comparison of airway management guidelines**
  
  William Rosenblatt (New Haven, United States)

**Opioids, oxygenation and obesity: the Goldilocks principle**

Session organised by the European Society for Perioperative Care for the Obese Patient (ESPCOP)

**Chair:**

Daniela Godoroja (Bucharest, Romania)

- **Pre-oxygenation-too little, too much or just right**
  
  Michael Margarson (Chichester, United Kingdom)

- **Intraoperative and postoperative oxygen therapy: the dangers**
  
  Luc De Baerdenaecker (Gent, Belgium)

- **Safer use of opioids in the obese - No or minimal use of opioids in the obese**
  
  Jan Paul Mulier* (Brugge, Belgium)
Pro & Con Debate

Per-hospital blood transfusion for severely traumatised patients: Pro-Con
Session organised by the ESA Scientific Subcommittee on "Critical Emergency Medicine – Trauma and Resuscitation" in collaboration with the Journal "Anesthesia & Analgesia"

Chair:
Kurt Ruetzler (Cleveland, United States)
Catherine Heim (Lausanne, Switzerland)

Introduction
Jean-François Pittet (Birmingham, United States)

Pro
Evan Pivalizza (Houston, United States)

Con
Donat Spahn* (Zürich, Switzerland)

Monitoring coagulation and therapeutic decisions in the ICU

Chair:
Christian von Heymann* (Berlin, Germany)

Speaker:
Marco Ranucci* (San Donato Milanese, Italy)

Regional anaesthesia in patients with therapeutic anticoagulation: a No Go

Chair:
Sibylle Kietalib* (Vienna, Austria)
Pierre Albaladejo (Grenoble, France)

How to handle patients with VKA and other antithrombotics before regional anaesthesia
Thomas Volk (Homburg, Germany)

Management of patients on DOACs planned for neuraxial anaesthesia
James Douketis (Hamilton, Canada)
### Issues in massive bleeding and transfusion

**Chair:**
Lutz Kaufner (Berlin, Germany)

- **Artificial blood – Where are we now?**
  Aamer B. Ahmed (Leicester, United Kingdom)

- **The role of cell savage in trauma, obstetrics and cancer-related bleeding**
  Lidia Mora Miquel (Barcelona, Spain)

- **Transfusion and the microcirculation**
  Michael Meesters (Utrecht, Netherlands)

### Anticoagulants in the perioperative setting

**Chair:**
Christian Fenger-Eriksen (Aarhus, Denmark)

- **Direct Oral Anticoagulants (DOAC) in the perioperative setting - Guideline recommendations**
  Christian von Heymann* (Berlin, Germany)

- **No bridging of Vitamin K Antagonists (VKA) for all patients?**
  Oliver Grottke* (Aachen, Germany)

- **Patients with a high risk of thrombosis – How should they be prepared?**
  Anne Godier (Paris, France)

### Subspecialty driven Patient Blood Management (PBM)

**Symposium organised by the New York State Society of Anesthesiologists (NYSSA)**

**Chair:**
Linda Shore-Lesserson (New York, United States)

- **Recent advances in PBM in patients at risk for obstetrical haemorrhage**
  Richard N. Wissler (Rochester, United States)

- **PBM in neurosurgery - The challenges of preventing secondary brain injury?**
  Audree Bendo (Brooklyn, United States)

- **Challenges of PBM in cardiac surgical patients - Can it be done safely?**
  Linda Shore-Lesserson (New York, United States)
**PERIOPERATIVE MEDICINE**

**Learning Track 13**

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**13LA**

**Lecture**

*Can we prevent "Failure to Rescue" by planned ICU admission?*

**Chair:**
Anthony Absalom* (Groningen, Netherlands)

**Speaker:**
Sarah Hare (Gillingham, United Kingdom)

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**13LB**

**Lecture**

*Hypertension should be treated and balanced before and during surgery*

**Chair:**
Michael Sander* (Giessen, Germany)

**Speaker:**
Kamal Maheshwari* (Cleveland, United States)

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**13MEA**

**Meet the Expert**

*Perioperative Acute Kidney Injury (AKI)*

**Chair:**
Gernot Marx* (Aachen, Germany)

**Perioperative Acute Kidney Injury**

Alexander Zarbock* (Muenster, Germany)

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**13RCA**

**Refresher Course**

*Antimicrobial therapy in the preoperative clinical setting: a step back into PK and PD understanding*

**Chair:**
Andrea Cortegiani (Palermo, Italy)

**Speaker:**
Pieter J Colin (Groningen, Netherlands)
Intra-operative hyperoxia: good or bad?

Chair: Andreas Hoeft (Bonn, Germany)

Speaker: Daniel Sessler* (Cleveland, United States)

The perioperative hypoxemic patient ESA Guidelines

Chair: Massimiliano Sorbello (Catania, Italy)

The perioperative hypoxemic patient ESA guideline
Marc Leone (Marseille, France)

How to make an ESA guideline
Arash Afshari (Copenhagen, Denmark)

Role of High-Flow Nasal Oxygen (HFNO), NonInvasive Ventilation (NIV) and conventional oxygen in perioperative hypoxemic patient
Sharon Einav (Jerusalem, Israel)

Perioperative blood pressure monitoring and management

Chair: Daniel Sessler* (Cleveland, United States)

How to measure blood pressure in the OR?
Thomas Scheeren* (Groningen, Netherlands)

Intraoperative blood pressure management – What is the optimal blood pressure?
Bernd Saugel* (Hamburg, Germany)

Postoperative hypotension and ward monitoring
Frédéric Michard* (Denens, Switzerland)

Controversies related to Postoperative Infection and Complications
Session organised by the ESA National Organising Committee (NOC)

Chair: Cristina Honorato (Pamplona, Navarra, Spain)

Enhanced recovery after surgery: it is all about implementation
Javier Ripoles Melchor* (Madrid, Spain)

Does high FIO2 impair respiratory function?
Anne Kathrine Staehr-Rye (Copenhagen, Denmark)

Should we use high FIO2 to reduce surgical infection? Results from iPROVE-O2?
Carlos Ferrando Ortola* (Valencia, Spain)
**Off hours effect on patients outcome in ICU and perioperative medicine**

**Chair:**
Anthony Absalom* (Groningen, Netherlands)

The risk of out of hours ICU admission and discharge
Joseph L. Nates (Houston, United States)

The effects of night-time surgery on patients outcome
Andrea Cortegiani (Palermo, Italy)

How to improve patient safety
Gary Mills (Sheffield, United Kingdom)

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**Guidelines in perioperative medicine**

**Chair:**
Sibyllé Kießl* (Vienna, Austria)

The German preoperative anaemia guideline – All about iron, Erythropoietin (EPO) and when to treat?
Lutz Kaufner (Berlin, Germany)

ESA Venous ThromboEmbolism (VTE) guidelines - Essentials to know
Charles Marc Samama (Paris, France)

The project for universal management of airways
Carin A. Hagberg* (Houston, United States)
## Is technology the final answer for perioperative patient safety? Pro-Con

**Chair:** Johannes Wacker (Zürich, Switzerland)

**PRO**
- Jan Hendrickx (Aalst, Belgium)

**CON**
- William Harrop-Griffiths (London, United Kingdom)

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### How does aeroespacial industry learn from errors. Transference to anaesthesia

**Chair:** Neus Fabregas (Barcelona, Spain)

**Panelists:**
- Sean Burns (Darmstadt, Germany)
- Maria Lema Tome (Madrid, Spain)
- Sven E. A. Staender (Maennedorf, Switzerland)

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### 2020 European Perioperative Patient Safety Consensus Statement (PPSCS). Results from the ESA 2020 patient safety policy summit

**Chair:** Stefan De Hert (Gent, Belgium)

**2020 European PPSCS: call for action**
- David Whitaker (Manchester, United Kingdom)
Meet the Expert: 10 years of Helsinki Declaration – Massive haemorrhage

Chair: Benedikt Preckel* (Amsterdam, Netherlands)

10 years of Helsinki Declaration – Massive haemorrhage
Christian von Heymann* (Berlin, Germany)

Meet the Expert: 10 years of Helsinki Declaration – Human factor and crisis management: top ten take home concepts

Chair: Daniel Arnal (Alcorcon, Spain)

10 years of Helsinki Declaration – Human factor and crisis management: top ten take home concepts
Doris Oestergaard (Hillerod, Denmark)

Towards European recommendations on Quality Indicators (QI) in anaesthesia and critical care

Chair: Daniela Filipescu (Bucharest, Romania)

The EQUIP Project: European survey on the status of implementation of QI
Martin Ponschab (Linz, Austria)

Outcome measurement – Key for improving perioperative care
Johannes Wacker (Zürich, Switzerland)

A perspective on future ESA QI recommendations
Guy Serge Antoine Haller (Geneva, Switzerland)

Medication errors

Chair: Andreas Sandner-Kiesling (Graz, Austria)

Knowledge gap in and impact of perioperative medication error
David Whitaker (Manchester, United Kingdom)

Risk management approaches and new technology used for medication safety
Daniel Arnal (Alcorcon, Spain)

Team work and other skills to prevent medication error
Teodora Orhideea Nicolescu (Oklahoma City, United States)
Learning from excellence - A change in paradigm?

Chair:
Sven E. A. Staender (Maennedorf, Switzerland)

Experience with an excellence reporting system
Adrian Plunkett (Birmingham, United Kingdom)

Work-as-imagined versus work-as-done, working in the grey-zone of guidelines and protocols
Benedikt Preckel* (Amsterdam, Netherlands)

Action plan for learning for excellence
Johan Bergström (Lund, Sweden)

Celebrating the Helsinki Declaration 10th anniversary: implementing the declaration requirements

Chair:
Paolo Pelosi (Genoa, Italy)

Clinical audits: national or local?
Timothy M. Cook (Bath, United Kingdom)

World Health Organization (WHO) checklist compulsory?
Arvid Steinar Haugen* (Bergen, Norway)

Incident reporting systems: is anaesthesia engaged?
Daniel Arnal (Alcorcon, Spain)

We’ve unexpectedly hurt our patient. What now?

Chair:
Daniel Arnal (Alcorcon, Spain)

What did I experience, what did I need? The patient’s view
TBA

Transparency: when and how? Disclosure and investigation
David Mayer (Georgetown, United States)

Caring for our colleague. Second victim management
Kris Vanhaecht (Leuven, Belgium)
Innovation initiatives in patient safety. The Spanish experience
Session organised by the ESA National Organising Committee (NOC)

Chair: Julian Alvarez Escudero (Santiago De Compostela, Spain)

SENSAR: building a Spanish anaesthesia patient safety network
Alejandro Garrido (Madrid, Spain)

I want a safe surgery: empowering the patient for his surgery
Neus Fabregas (Barcelona, Spain)

Awarding safe perioperative care through a patient safety seal
Maria Del Mar Fernandez Maillo (Madrid, Spain)

Dealing with Malignant Hyperthermia (MH) in daily life
Session organised by the European Malignant Hyperthermia Group (EMHG)

Chair: Albert Urwyler (Basel, Switzerland)

Clinical epidemiology of MH in modern anaesthetic practice
Philip Hopkins (Leeds, United Kingdom)

Living with MH – The patient experience
Sheila Riazi (Toronto, Canada)

Was this MH? – Interactive session
Thierry Girard (Basel, Switzerland)
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<tr>
<td><strong>Perioperative Neurocognitive Disorders (PND) in the elderly: state of the art</strong></td>
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**Chair:** Concezione Tommasino (Milano, Italy)

**PND in the elderly: state of the art**
Lis Evered (Fitzroy, Australia)

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<thead>
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<td><strong>Preoperative geriatric screening</strong></td>
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**Chair:** Concezione Tommasino (Milano, Italy)

**Speaker:**
Gregory J. Crosby (Boston, United States)

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<tr>
<td><strong>The frail geriatric patient</strong></td>
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**Chair:** Anthony Absalom* (Groningen, Netherlands)

**What is frailty and why is it important?**
Concezione Tommasino (Milano, Italy)

**How can we modify frailty?**
Mark Coburn (Aachen, Germany)

**Anaesthesia for the frail patient**
Gregory J. Crosby (Boston, United States)
### Symposium 60’

**Studies in the elderly: any news?**

**Chair:** Concezione Tommasino (Milano, Italy)

- **Management of general anaesthesia in elderly patients at high-risk of postoperative adverse outcomes**
  - Serge Mollie (Saint Priest en Jarez, France)

- **Peri-operative management in the super-elderly: the POSE Trial**
  - Mark Coburn (Aachen, Germany)

- **Pre-operative acid-base balance of hip fracture patients: time to surgery and mortality**
  - Idit Matot (Tel Aviv, Israel)

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**Can we improve anaesthesia outcome in the elderly patient?**

**Chair:** Concezione Tommasino (Milano, Italy)

- **Personalised prehabilitation in high-risk elderly patients**
  - Graciela Martinez-Palli (Barcelona, Spain)

- **TIVA/TCI: which models in elderly patients?**
  - Michel Struys* (Groningen, Netherlands)

- **Anaesthesia challenges in the elderly for robotic-assisted surgery**
  - Paola Aceto (Rome, Italy)

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**Dilemmas in geriatric anaesthesiology**

**Chair:** Paola Aceto (Rome, Italy)

- **Elderly patients on anticoagulant/antiaggregant therapy: what to do?**
  - Charles Marc Samama (Paris, France)

- **General or spinal anaesthesia for hip surgery?**
  - Ana Kowark (Aachen, Germany)

- **Ethics of resuscitation of the elderly in Europe**
  - Bernd Böttiger (Cologne, Germany)
EDUCATION
Learning Track 16

16FBA
Fishbowl Session

“Trainees for Trainees” on simulation and research
Session organised by the ESA Trainee Network

Chair:
Andreas Sandner-Kiesling (Graz, Austria)

Building a career in simulation
Ebbe Bessmann (Herlev, Denmark)

The Research Mentorship Programme experience
Mateusz Zawadka (Warsaw, Poland)

The Young Investigator Start-up Grant experience
Thomas Fuchs-Buder (Nancy, France)

16FBB
Fishbowl Session

Trainee wellbeing

Chair:
Bernardo Matias (Setubal, Portugal)

AAGBI Association of Anaesthetists Trainee Committee
Sally El-Ghazali (London, United Kingdom)

Trainee wellbeing and the new European training requirements
Sibylle Kietaibl* (Vienna, Austria)

What the European Junior Doctors Association can do for you?
Brigita Jazbar (Ljubljana, Slovenia)

16SD
Symposium 60'

ESA Trainees Committee and National Trainee Sections
ESA Trainee Network Booth Session

Chair:
Anne Blank (Berlin, Germany)

The local National Trainee Representatives (NTR) perspective
Jose Antonio Garcia (El Palmar, Spain)

Creation and first steps of the Greek Trainee Section
Martina Rekatsina (Athens, Greece)

International perspective - Trainees of European Airway Management Society (TEAMS)
Tatjana Dill (Bern, Switzerland)
One advice to share: department chairs to future chairs

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<th>Chair</th>
<th>My advice</th>
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<tbody>
<tr>
<td>Bernardo Matias (Setubal, Portugal)</td>
<td>Donat Spahn* (Zürich, Switzerland)</td>
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<td>Jennifer Hunter (Liverpool, United Kingdom)</td>
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<td>Paolo Pelosi (Genoa, Italy)</td>
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<td>Daniela Ionescu* (Cluj Napoca, Romania)</td>
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Translating basic science techniques for clinicians

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<tr>
<th>Chair</th>
<th>How do we show a drug is analgesic at the cellular level?</th>
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<tbody>
<tr>
<td>Tony Gin (Shatin, Hong Kong, China)</td>
<td>David Lambert* (Leicester, United Kingdom)</td>
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<tr>
<td>Jens Broscheit (Würzburg, Germany)</td>
<td>Philip Hopkins (Leeds, United Kingdom)</td>
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Anaesthesia beyond the borders

Session organised by the ESA Trainee Exchange Programme Committee

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<tr>
<th>Chair</th>
<th>How to write a motivation letter</th>
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<tr>
<td>Bazil Ateleanu (Cardiff, United Kingdom)</td>
<td>Vojislava Neskovic (Belgrade, Serbia)</td>
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<td>Zoka Milan (London, United Kingdom)</td>
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<tr>
<td>How to implement changes from what you learned during ESA TEP fellowship</td>
<td>Zoka Milan (London, United Kingdom)</td>
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<tr>
<td>Cross cultural experience - Benefits and disadvantages</td>
<td>Andreas Szekely (Budapest, Hungary)</td>
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</tbody>
</table>
### New technological advancements - How are they advancing the practice and educational aspect of anaesthesiology?

Session organised by the European Society for Computing and Technology in Anesthesia and Intensive Care (ESCTAIC)

**Chair:**
Teodora Orhideea Nicolescu (Oklahoma City, United States)

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<th>Topic</th>
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<tr>
<td>High fidelity simulation and virtual reality - Who should train?</td>
<td>Dan Sebastian Dirzu (Cluj-Napoca, Romania)</td>
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<td>Blockchain technology-impact on improving patient safety</td>
<td>Teodora Orhideea Nicolescu (Oklahoma City, United States)</td>
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<tr>
<td>Artificial Intelligence in perioperative medicine: are you ready for a robot anaesthesiologist colleague?</td>
<td>Mehmet Ozcan (Chicago, United States)</td>
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### Lessons from young teachers: Young Teaching Recognition Award winners 2019

**Chair:**
Andreas Sandner-Kiesling (Graz, Austria)

<table>
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<tbody>
<tr>
<td>An alternative approach to teach coagulation</td>
<td>Bernd Wallner (Innsbruck, Austria)</td>
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<tr>
<td>Clinical dilemmas in neuraxial blockade and anticoagulation</td>
<td>Cécile Hélène Kicken* (Nijmegen, Netherlands)</td>
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<td>Improving post-surgical analgesia – Mistakes to be avoided</td>
<td>Mihai Octavian Botea (Oradea, Romania)</td>
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</table>
Sir Robert Macintosh Lecture

Chair:
Andreas Hoef (Bonn, Germany)

Safe and Diverse – celebrate our strengths!
Daniela Filipescu (Bucharest, Romania)

10 years of Helsinki Declaration: results from the Helsinki Declaration follow up project

Chair:
Kai Zacharowski (Frankfurt, Germany)

How did the Helsinki Declaration came up?
Jannicke Mellin-Olsen (Rud, Norway)
Sven E. A. Staender (Maennedorf, Switzerland)

What’s the real impact of the Helsinki Declaration in Europe?
Andrew Fairley Smith (Lancaster, United Kingdom)

How to improve the Helsinki Declaration implementation? Lessons from the Helsinki Declaration follow up project
Johannes Wacker (Zürich, Switzerland)

The role of National Anaesthesia Societies for Helsinki Declaration implementation
Serban-Ion Bubenek-Turconi (Bucharest, Romania)

Helsinki Declaration modeling the ESA strategy
Stefan De Hert (Gent, Belgium)
## Planning your life – It is in your hands

**Chair:** 
Stefan De Hert (Gent, Belgium) 
Bernardo Matias (Setubal, Portugal) 

**Things to do to shine in your residency?** 
Sabine Nabecker (Bern, Switzerland) 

**Beyond residency – Pearls to successful family-professional career** 
Sharon Orbach-Zinger (Petach Tikvah, Israel) 

**Communicating with your boss** 
Idit Matot (Tel Aviv, Israel) 

**Making people become more of who they already are – The mentoring program** 
Wolfgang Buhre* (Maastricht, Netherlands) 

**Summary**

## Sustainability in the operating room: time for action!!

**Chair:** 
Helene Beloeil (Rennes, France) 

**Presentation of the ESA tool kit** 
Gordana Jovanovic (Novi Sad, Serbia) 

**Anaesthetic gases, the anaesthesiologist and the planet** 
Kathleen Ferguson (Aberdeen, United Kingdom) 

**Sustainability in the operating room: next steps** 
Forbes McGain (Sidney, Australia)

## The process of a good Clinical Trial Network (CTN) study

**Session organised by the ESA Research Committee**

**Chair:** 
Thomas Fuchs-Buder (Nancy, France) 

**Concept of CTN - How to write a successful proposal?** 
Wolfgang Buhre* (Maastricht, Netherlands) 

**Presentation of the EPIMAP CTN Study** 
Anil Gupta (Stockholm, Sweden) 

**Presentation of the Nectarine CTN Study** 
Nicola Disma (Genoa, Italy)
**The success of ESA research groups**  
Session organised by the ESA Research Committee

**Chair:**  
Thomas Fuchs-Buder (Nancy, France)

**Presentation of the research group: PROtective Ventilation Network (PROVENet)**  
Paolo Pelosi (Genoa, Italy)

**Presentation of the research group: Peri-interventional Outcome Study in the Elderly (POSE)**  
Mark Coburn (Aachen, Germany)

**Presentation of the research group: Renal Protection Network (RAPNet)**  
Alexander Zarbock* (Muenster, Germany)

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**Session on respiratory airway management**  
Session organised by the ESA Guidelines Committee

**Chair:**  
Arash Afshari (Copenhagen, Denmark)

**An international airway management guidelines comparison**  
William Rosenblatt (New Haven, United States)

**The challenge of an universal airway: the PUMA project**  
TBA

**How to write a guideline when evidence is sparse?**  
Arash Afshari (Copenhagen, Denmark)

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**Artificial Intelligence (AI) in anaesthesia and intensive care**  
Session organised by the ESA Research Committee

**Chair:**  
Thomas Fuchs-Buder (Nancy, France)

**AI – What is it? How does this fit to anaesthesia and intensive care?**  
Thomas Fuchs-Buder (Nancy, France)

**Self-learning early warning signs**  
Wolfgang Buhre* (Maastricht, Netherlands)

**AI in anesthesia and intensive care: three examples**  
Jens Meier (Linz, Austria)
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<tr>
<td><strong>Newest ESA guidelines presentation</strong></td>
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<td>09:00</td>
<td>60'</td>
<td>Session organised by the ESA Guidelines Committee</td>
<td>Arash Afshari (Copenhagen, Denmark)</td>
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<td><strong>ESA/ERC/ESTES Guidelines on cardiac arrest in the OR</strong></td>
<td>Jochen Hinkelbein (Cologne, Germany)</td>
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<td><strong>Task force on ultrasound guided vascular access and regional blocks</strong></td>
<td>Massimo Lamperti* (Abu Dhabi, United Arab Emirates)</td>
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<td>Preoperative fasting in children</td>
<td>Peter Frykholm (Uppsala, Sweden)</td>
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<td><strong>History of anaesthesia</strong></td>
<td>2020-05-31</td>
<td>11:00</td>
<td>60'</td>
<td>Session organised by the ESA Guidelines Committee</td>
<td>Alistair McKenzie (Edinburgh, United Kingdom)</td>
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<td><strong>Manuel Garcia and the birth of laryngoscopy</strong></td>
<td>Alistair McKenzie (Edinburgh, United Kingdom)</td>
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<td><strong>The history of anaesthesia in Spain</strong></td>
<td>José Carlos Diz Gomez (Vigo, Spain)</td>
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<td><strong>Spanish contributions to analgesia</strong></td>
<td>Xavier Sala-Blanch (Barcelona, Spain)</td>
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<td><strong>Recent guidelines and Cochrane systematic reviews and practice’</strong></td>
<td>2020-05-31</td>
<td>13:00</td>
<td>60'</td>
<td>Session organised by the ESA Guidelines Committee</td>
<td>Arash Afshari (Copenhagen, Denmark)</td>
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<td><strong>Methodological challenges of systematic reviews and their impact for ESA guidelines</strong></td>
<td>Harald Herkner (Vienna, Austria)</td>
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<td><strong>Should guidelines carry their own meta-analyses and systematic reviews as a mandatory step?</strong></td>
<td>Andrew Fairley Smith (Lancaster, United Kingdom)</td>
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</table>
Second victim, burnout and more...how to prevent, how to cope?

Chair:
Stefan De Hert (Gent, Belgium)
Pierre Albaladejo (Grenoble, France)

Burn, bore, brown... Out in anaesthesiologists
Georges Mion (Paris, France)

Occupational stress in anaesthesiologists
Wolfgang Lederer (Innsbruck, Austria)

The second victim - The anaesthesist after human errors in the OR
Zeev Goldik (Haifa, Israel)

Meet the Editors-in-Chief
Session organised by the European Journal of Anaesthesiology (EJA)

Chair:
Martin Tramèr (Geneva, Switzerland)
Charles Marc Samama (Paris, France)

A new European Journal of Anaesthesiology
Session organised by the European Journal of Anaesthesiology (EJA)

Chair:
Martin Tramèr (Geneva, Switzerland)

EJA: a new team for a new project
Charles Marc Samama (Paris, France)

Full Open Access: our experience with the Open Journal Pain Reports
David Yarnitsky (Haifa, Israel)