Participants who have declared a “conflict of interest” are indicated with an asterisk (*) next to their name.
Participants who have declared a “conflict of interest” are indicated with an asterisk (*) next to their name.
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)

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)

Parent/medical team conflicts in the management of children
Paul McConnell (Paisley, United Kingdom)

How to say that we need to cancel your operation?
Louise Denholm (Paisley, United Kingdom)

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?
Aeyal Raz* (Haifa, Israel)
### 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)

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

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

**Speaker:**
Andreas Hoeft* (Bonn, Germany)

### Outbreak risk! Providing surgery, anaesthesia & perioperative care in patients with suspected coronavirus (SARS, CoViD-19) or ebola virus disease (EVD)

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

**Chair:**
Jannicke Mellin-Olsen (Rud, Norway)
Davy Cheng (London, Canada)

**WHO guidelines on surgery, obstetrics, and anaesthesia care in the context of EVD infection**
Janet Martin (London, Canada)

**Guidelines for anaesthesia and perioperative care in the context of a coronavirus outbreak**
Davy Cheng (London, Canada)

**Impact of endemic ebola virus disease on surgery and anaesthesia care: WHO perspective**
Walter Johnson (Geneva, Switzerland)

### The role of perioperative echocardiography in 2020

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

**The role of perioperative echocardiography in 2020**
Michelle Chew* (Linkoping, Sweden)

**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)
L 01L4 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)

FB 01FB1 Fishbowl Session

**Automation in anaesthesia and Intensive Care - Thread or benefit?**

**Chair:**
Andreas Hoeft* (Bonn, Germany)

**Panelists:**
Michel Struys* (Groningen, Netherlands)
Alexandre Joosten* (Brussels, Belgium)
Michael Wilkening (Lübeck, Germany)

D 01D1 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)

S 01S9 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)
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)

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)
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**Safety in regional anaesthesia**

**Chair:**
Tatiana Sidiropoulou (Athens, Greece)

**Safety in regional anaesthesia**
Luc Sermeus* (Edegem, Belgium)
**OBSTETRIC ANAESTHESIOLOGY**

**Learning Track 4**

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**04S1**

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)

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**04L1**

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)

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**04S2**

Symposium 60'

**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)
Tips and tricks in obstetric anaesthesia - Analgesia and resuscitation

**Chair:**
Frédéric Mercier* (Clamart, France)

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

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

- **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**
  Alexander Ioscovich (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**
  Peter Juhl-Olsen (Aarhus, Denmark)
04SS
Symposium 60'

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)
### PAEDIATRIC ANAESTHESIOLOGY
Learning Track 5

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<td>Neonatal anaesthesia outcomes - The NECTARINE CTN&lt;br&gt;&lt;br&gt;Chair: Thomas Fuchs-Buder* (Nancy, France)&lt;br&gt;<strong>Epidemiology</strong> Francis Veyckemans (Lille, France)&lt;br&gt;<strong>Results</strong> Walid Habre (Geneva, Switzerland)&lt;br&gt;<strong>Future implication of the Nectarine study</strong> Nicola Disma (Genoa, Italy)</td>
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<td><strong>D</strong> OS61</td>
<td>Pro &amp; Con Debate</td>
<td>Is it necessary to gain IV access before instrumenting the airway or not at all for short paediatric procedures? Pro-Con&lt;br&gt;&lt;br&gt;Chair: Francis Veyckemans (Lille, France)&lt;br&gt;<strong>PRO</strong> Laszlo Vutskits (Geneva, Switzerland)&lt;br&gt;<strong>CON</strong> Vittoria Arslan-Carlon (New York, United States)</td>
</tr>
<tr>
<td><strong>L</strong> OS61</td>
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<td>Update on Total IntraVenous Anaesthesia (TIVA) in children&lt;br&gt;&lt;br&gt;Chair: Karin Becke (Nuremberg, Germany)&lt;br&gt;<strong>Update on TIVA in children</strong> Anthony Absalom* (Groningen, Netherlands)</td>
</tr>
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</table>
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)

Updated evidences in paediatric anaesthesia
Session organised by the Brazilian Society of Anaesthesiology (SBA) and the State Anaesthesiology Society of São Paulo (SAESP)

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

Assessment of neuromuscular blockade in children
Ricardo Carlos (Sao Paulo, Brazil)

Anaesthesia and recent respiratory infection
Luciana Cavalcanti Lima (Recife-Pe, Brazil)

Perioperative management of living-donor transplantation
Marcella Marino Malavazzi Clemente (Sao Paulo, Brazil)

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)

Fasting times for milk and solids
Peter Frykholm (Uppsala, Sweden)

Which monitoring is mandatory for “safe” anaesthesia?
Ian Yuan* (Philadelphia, United States)

Should I use LMA or tracheal tube for my anaesthesia?
Britta von Ungern-Sternberg (Perth, Australia)

What every anaesthesiologist should know about the paediatric airways?

Chair:
Nicola Disma (Genoa, Italy)

What every anaesthetist should know about the paediatric airways?
John Fiadjoe (Philadelphia, United States)

Participants who have declared a “conflict of interest” are indicated with an asterisk (*) next to their name.
NEUROANAESTHESIOLOGY
Learning Track 6

06S1 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 Kietalib* (Vienna, Austria)

Blindness after spine surgery
Argyro Zoumprouli (London, United Kingdom)

06RC1 Refresher Course

Subarachnoid haemorrhage: updates on the treatment

Chair:
Alexander Zlotnik (Beer-Sheva, Israel)

Speaker:
Martin Soehle (Bonn, Germany)

06S2 Symposium 60'

Crisis management in neuroanaesthesia

Chair:
Aeyal Raz* (Haifa, Israel)

Personalised therapy of intracranial hypertension
Aeyal Raz* (Haifa, Israel)

Perioperative bleeding around craniotomy
Shaun Gruenbaum (New Haven, United States)

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

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**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)

**Patient blood management in cardiovascular surgery: what’s new?**

**Chair:**
Nandor Marczin (Harefield, United Kingdom)

**Panelists:**
Christa Boer (Amsterdam, Netherlands)
Marco Ranucci* (San Donato Milanese, Italy)
Daniel Bolliger (Basel, Switzerland)

**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)
# Lightning Talks

**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)

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# 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)

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# 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)
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)

Hot topics in thoracic

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

**Uniportal thoracoscopic surgery: is that the future?**
TBA

**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)

Networking with the experts on Cardiothoracic and Vascular Anaesthesiology

This symposium is organised by the ESA Trainee Network

**Chair:**
Jean-Luc Fellahi* (Lyon, 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)
Heart-organs interaction
Session organised in collaboration with the European Association of Cardiothoracic Anaesthesiology (EACTA)

Chair:
Stefan De Hert (Gent, Belgium)
Fabio Guarracino (Pisa, Italy)

Heart-lung interaction
Bernard Cholley (Paris, France)

Heart-liver interaction
Jurgen Van Limmen (Ghent, Belgium)

Heart-circulation interaction
Fabio Guarracino (Pisa, Italy)
### 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)

### 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)

### Cannabinoids in pain management: Pro-Con

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

**Pro**
Silviu Brill (Tel Aviv, Israel)

**Con**
Winfried Häuser (Saarbrücken, Germany)
## Refresher Course

**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)

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## Symposium 60'

**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)

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## Symposium 60'

**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)

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## Symposium 60'

**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)
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<td>Stefan Schaller (Berlin, Germany)</td>
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<td>Stefan Schraag (Clydebank, United Kingdom)</td>
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<tr>
<td>ME 09ME1</td>
<td>Meet the Expert</td>
<td>Gary Mills (Sheffield, United Kingdom)</td>
<td>Stefano Romagnoli* (Firenze, Italy)</td>
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<td>Samir Jaber* (Montpellier, France)</td>
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<td>Zsolt Molnar* (Szeged, Hungary)</td>
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<td><strong>What’s the rationale?</strong></td>
<td>Didier Payen De La Garanderie (Paris, France)</td>
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<td>Gernot Marx* (Aachen, Germany)</td>
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<td><strong>Immunoglobulins: when and how?</strong></td>
<td>Massimo Girardis* (Modena, Italy)</td>
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<th>ME 09ME2</th>
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<td>Cesare Gregoretti* (Palermo, Italy)</td>
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<td>Daniel De Backer (Brussels, Belgium)</td>
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<td>Jean-Luc Fellahi* (Lyon, France)</td>
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<td><strong>New methods of cardiac output monitoring</strong></td>
<td>Zsolt Molnar* (Szeged, Hungary)</td>
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<td><strong>Validation studies - What are they really worth?</strong></td>
<td>Bernd Saugel* (Hamburg, Germany)</td>
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<td><strong>Cardiac output monitoring in 2050</strong></td>
<td>Frédéric Michard* (Denens, Switzerland)</td>
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<td>Edoardo De Robertis (Perugia, Italy)</td>
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<td>Alexander Zlotnik (Beer-Sheva, Israel)</td>
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<td><strong>Sepsis associated encephalopathy</strong></td>
<td>Ornella Piazza (Baronissi, Italy)</td>
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<tr>
<td><strong>Hepatic encephalopathy</strong></td>
<td>Dana Rodica Tomescu (Bucharest, Romania)</td>
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### How to deal with typical emergencies in the Emergency Room (ER)

Symposium organised by the European Society of Intensive Care Medicine (ESICM)

**Chair:**
- Kai Zacharowski (Frankfurt, Germany)
- Armand Girbes (Amsterdam, Netherlands)

**Do we need to intubate all patients with GCS < 8 in the ER?**
- Jozef Kesecioglu (Utrecht, Netherlands)

**The role of physical diagnostics in the non-trauma critically-ill ER patient**
- Armand Girbes (Amsterdam, Netherlands)

**The hematological patient with an emergency at the ER**
- TBA

### 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)

### 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)
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?
Sami Hraiech (Marseille, France)
## Critical Emergency Medicine - Trauma and Resuscitation

### Symposium 60’

#### Educating the world in cardiopulmonary resuscitation and critical emergency medicine

**Chair:**

- 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
  Federico Semeraro* (Bologna, Italy)

### Symposium 60’

#### 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)

### Symposium 60’

#### 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 Ahmad* (West Bromwich, United Kingdom)
Participants who have declared a “conflict of interest” are indicated with an asterisk (*) next to their name.

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

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

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

**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)
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<td>Peter Biro (Zurich, Switzerland) Difficult Airway Society (DAS) awake intubation guidelines</td>
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<td><strong>Critical airways</strong></td>
<td>Imran Ahmad* (West Bromwich, United Kingdom) Airway management in obstetrics: update 2020</td>
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<td>Mary Mushambi (Leicester, United Kingdom) Perioperative management of obstructive sleep apnea patients</td>
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<td>Ruggero Massimo Corso (Forli, Italy)</td>
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<td>11FB1</td>
<td>Fishbowl Session</td>
<td>Massimiliano Sorbello* (Catania, Italy)</td>
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<td><strong>High Flow Nasal Therapy (HFNT): what are the value and the limits in the perioperative setting?</strong></td>
<td>Anil Patel (London, United Kingdom) Michael Margarson (Chichester, United Kingdom) Imran Ahmad*</td>
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<td>(West Bromwich, United Kingdom)</td>
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<td>11ME1</td>
<td>Meet the Expert: 10 years of Helsinki Declaration – Difficult/failed intubation</td>
<td>Guy Serge Antoine Haller (Geneva, Switzerland)</td>
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<td><strong>10 years of Helsinki Declaration – Difficult/failed intubation</strong></td>
<td>Massimiliano Sorbello* (Catania, Italy)</td>
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Does my patient need awake intubation? Pro-Con

Chair:
Christian Putensen (Bonn, Germany)

Pro
Imran Ahmad* (West Bromwich, United Kingdom)

Con
TBA

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 Baerdemaeker (Gent, Belgium)

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

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
Robert Greif (Bern, Switzerland)
**Monitoring coagulation and therapeutic decisions in the ICU**

**Chair:**
Christian von Heymann* (Berlin, Germany)

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

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**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)

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**Regional anaesthesia in patients with therapeutic anticoagulation: a No Go**

**Chair:**
Sibylle Ketaibl* (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)
1252 Symposium 60'

**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?**
Isabell Pekrul (Munich, Germany)

1253 Symposium 60'

**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)

1254 Symposium 60'

**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)

Participants who have declared a “conflict of interest” are indicated with an asterisk (*) next to their name.
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)

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)

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
Christian Putensen (Bonn, Germany)

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

How to improve patient safety
Gary Mills (Sheffield, United Kingdom)
Participants who have declared a “conflict of interest” are indicated with an asterisk (*) next to their name.

L 13L1 Lecture

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

Chair:
Anthony Absalom* (Groningen, Netherlands)

Speaker:
Sarah Hare (Gillingham, United Kingdom)

S 13S3 Symposium 60'

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)

RC 13RC2 Refresher Course

Intra-operative hyperoxia: good or bad?

Chair:
Andreas Hoeft* (Bonn, Germany)

Speaker:
Daniel Sessler* (Cleveland, United States)

ME 13ME1 Meet the Expert

Perioperative Acute Kidney Injury (AKI)

Chair:
Gernot Marx* (Aachen, Germany)

Perioperative Acute Kidney Injury
Alexander Zarbock* (Muenster, Germany)
### 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 Ripolles 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)

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

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

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

### Guidelines in perioperative medicine

**Chair:**
Sibylle Kietaibl* (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)
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<td>Is technology the final answer for perioperative patient safety? Pro-Con</td>
<td>Johannes Wacker* (Zürich, Switzerland)</td>
<td>Jan Hendrickx* (Aalst, Belgium) <strong>William Harrop-Griffiths (London, United Kingdom)</strong></td>
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<td>Meet the Expert: 10 years of Helsinki Declaration – Human factor and crisis management: top ten take home concepts</td>
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<td>14S1</td>
<td>Learning from excellence - A change in paradigm?</td>
<td>Sven E. A. Staender (Maennedorf, Switzerland)</td>
<td><strong>Adrian Plunkett (Birmingham, United Kingdom)</strong></td>
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<td><strong>Work-as-imagined versus work-as-done, working in the grey-zone of guidelines and protocols</strong></td>
<td><em><em>Benedikt Preckel</em> (Amsterdam, Netherlands)</em>*</td>
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<td><strong>Action plan for learning from excellence</strong></td>
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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)

We’ve unexpectedly hurt our patient. What now?
**Reserved seats available for the ILT pre-registered delegates

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)

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)

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)
# Dealing with Malignant Hyperthermia (MH) in daily life

Session organised by the European Malignant Hyperthermia Group (EMHG)

**Chair:**
Albert Uswyer (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)

# How does aerospace industry learn from errors?

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

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

# Quality Improvement – just another fad or the key to a sustainable healthcare system?

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

**Speaker:**
Fay Gilder (Cambridge, United Kingdom)

# Innovation initiatives in patient safety. The Spanish experience

Session organised by the ESA National Organising Committee (NOC)

**Chair:**
Julián Álvarez Escudero (Santiago de Compostela, Spain)

**SENSAR: building a Spanish anaesthesia patient safety network**
Maria Lema Tome (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 Campos (Madrid, Spain)
### 1456 Symposium 60'

**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)

### 1457 Symposium 60'

**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)
GERIATRIC ANAESTHESIOLOGY
Learning Track 15

Perioperative Neurocognitive Disorders (PND) in the elderly: state of the art

Chair:
Concezione Tommasino (Milano, Italy)

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

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)

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 Molliex (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)
15RC1 Refresher Course

Preoperative geriatric screening

Chair:
Concezione Tommasino (Milano, Italy)

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

15S3 Symposium 60'

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)

15S4 Symposium 60'

The frail geriatric patient

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)
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**16S1**

**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 (Murcia, 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)

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**16S2**

**Symposium 60’**

**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)

**High fidelity simulation and virtual reality - Who should train?**
Dan Sebastian Dirzu (Cluj-Napoca, Romania)

**Blockchain technology - impact on improving patient safety**
Teodora Orhideea Nicolescu (Oklahoma City, United States)

**Artificial Intelligence in perioperative medicine: are you ready for a robot anaesthesiologist colleague?**
Mehmet Ozcan (Chicago, United States)
One advice to share: department chairs to future chairs

Chair:
Bernardo Matias (Setubal, Portugal)

My advice
Donat Spahn* (Zürich, Switzerland)

My advice
Jennifer Hunter (Liverpool, United Kingdom)

My advice
Paolo Pelosi (Genoa, Italy)

My advice
Daniela Ionescu* (Cluj Napoca, Romania)

My advice
Claudia Spies (Berlin, Germany)

My advice
Andreas Hoeft* (Bonn, Germany)

My advice
Idit Matot (Tel Aviv, Israel)

“Trainees for Trainees“ - What are the career opportunities in Simulation and Research?
Session organised by the ESA Trainee Network

Chair:
Andreas Sandner-Kiesling (Graz, Austria)

Panelists:
Ebbe Bessmann (Herlev, Denmark)
Mateusz Zawadka (Warsaw, Poland)
Christoph Behem (Hamburg, Germany)

Anaesthesia beyond the borders
Session organised by the ESA Trainee Exchange Programme Committee

Chair:
Bazil Ateleanu (Cardiff, United Kingdom)
Zoka Milan (London, United Kingdom)

How to write a motivation letter
Vojislava Neskovic (Belgrade, Serbia)

How to implement changes from what you have learned during ESA TEP fellowship
Zoka Milan (London, United Kingdom)

Cross cultural experience - Benefits and disadvantages
Andrea Szekely (Budapest, Hungary)
Translating basic science techniques for clinicians

Chair:
Tony Gin (Shatin, Hong Kong, China)

How do we show a drug is analgesic at the cellular level?
David Lambert* (Leicester, United Kingdom)

How do we show a drug is analgesic in animal models?
Jens Broscheit (Würzburg, Germany)

How do we show genetic associations?
Philip Hopkins (Leeds, United Kingdom)

Lessons from young teachers: Young Teaching Recognition Award winners 2019

Chair:
Andreas Sandner-Kiesling (Graz, Austria)

An alternative approach to teach coagulation
Bernd Wallner (Innsbruck, Austria)

Clinical dilemmas in neuraxial blockade and anticoagulation
Cécile Hélène Kicken* (Nijmegen, Netherlands)

Improving post-surgical analgesia – Mistakes to be avoided
Mihai Octavian Botea (Oradea, Romania)

What does it mean “WELLBEING” for a trainee?
Session organised by the ESA Trainee Committee

Chair:
Christopher Blacker (Uppsala, Sweden)

Panelists:
Sally El-Ghazali (London, United Kingdom)
Sibylle Kiestaibi* (Vienna, Austria)
Francisco Ribeiro Mourao (Viana do Castelo, Portugal)
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<td>Andreas Hoeft* (Bonn, Germany)</td>
<td>Safe and Diverse – celebrate our strengths! Daniela Filipescu (Bucharest, Romania)</td>
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<td>Teodora Orhideea Nicolescu (Oklahoma City, United States)</td>
<td>NMT Heidrun Lewald (Munich, Germany) Depth of Anaesthesia Monitoring Martin Soehle (Bonn, Germany) Point of Care Diagnostic with Ultrasound TBA NIRS TBA Open discussion</td>
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<td>Planning your life – It is in your hands</td>
<td>Stefan De Hert (Gent, Belgium) Bernardo Matias (Setubal, Portugal)</td>
<td>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</td>
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Second victim, burnout and more...how to prevent, how to cope?

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

Panelists:
Georges Mion (Paris, France)
Wolfgang Lederer (Innsbruck, Austria)
Zeev Goldik (Haifa, Israel)

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)

Best Abstract Prize Competition

Chairs:
Christian Putensen (Bonn, Germany)
Ulrike Stamer (Bern, Switzerland)
Daniela Ionescu* (Cluj Napoca, Romania)

Functional brain alterations during delirium in ICU: a nested case-control resting-state fMRI study.
Lucrezia Guadrini (Brescia, Italy)

Proseal laryngeal mask attenuates haemodynamic response and coughing during awakening in
Transesphenoidal Pituitary surgery: A randomized Clinical Trial
Paola Hurtado (Barcelona, Spain)

Does our use of marginal liver grafts for liver transplantation adversely affect our liver transplant recipients? A 5 year retrospective review comparing marginal versus non-marginal liver grafts in a large transplant centre in Melbourne.
Fiona Desmond (Melbourne, Australia)

Lidocaine increases the inhibitory effect of ex vivo lung perfusion on the inflammatory response in lungs obtained from asystole donors
Alberto Calvo (Madrid, Spain)

The minimum effective volume (MEV90) of ropivacaine for ultrasound-guided caudal block in anorectal surgery
Xuehan Li (Chengdu, China)

Comparison of nasal midazolam and nasal dexmedetomidine premedication in children undergoing circumcision
Chihebeddine Romdhani (Tunis, Tunisia)
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Participants who have declared a “conflict of interest” are indicated with an asterisk (*) next to their name.

### ESAS8 Symposium 60’

**History of Anaesthesia**

**Chair:**
Alistair McKenzie (Edinburgh, United Kingdom)

- **Manuel Garcia and the birth of laryngoscopy**
  Alistair McKenzie (Edinburgh, United Kingdom)

- **The history of anaesthesia in Spain**
  José Carlos Diz Gomez (Vigo, Spain)

- **Spanish contributions to analgesia**
  Xavier Sala-Blanch (Barcelona, Spain)

### ESAS9 Symposium 60’

**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)**
  TBA

### ESAS10 Symposium 60’

**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)

### ESAFB2 Fishbowl Session

**Sex and gender content: what is correct, what is offensive?**

**Chair:**
Vojislava Neskovic (Belgrade, Serbia)

**Panelists:**
Paolo Pelosi (Genoa, Italy)
Anne Marie Camilleri Podesta (L-Imsida, Malta)
Nadav Sheffy (Petah Tikva, Israel)
Participants who have declared a “conflict of interest” are indicated with an asterisk (*) next to their name.

Newest ESA guidelines presentation
Session organised by the ESA Guidelines Committee

Chair:
Arash Afshari (Copenhagen, Denmark)

ESA/ERC/ESTES Guidelines on cardiac arrest in the OR
Jochen Hinkelbein (Cologne, Germany)

Task force on ultrasound guided vascular access and regional blocks
Massimo Lamperti* (Abu Dhabi, United Arab Emirates)

Preoperative fasting in children
Peter Frykholm (Uppsala, Sweden)

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)

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

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