



# Final Programme

AUSTRIA, VIENNA 01-03 June

# Euroanaesthesia

THE EUROPEAN  
ANAESTHESIOLOGY  
CONGRESS

# 2019



L	ESAL1 Lecture	Saturday, 1 June 09:45 - 10:30	<b>Sir Robert Macintosh Lecture</b>	Piano Hall
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**Chair:**

Andreas Hoeft (Bonn, Germany)

**Anesthesiology: a "lifestyle" profession**

Paolo Pelosi (Genoa, Italy)

D	01D1 Pro & Con Debate	Saturday, 1 June 11:00 - 12:00	<b>Colloids are necessary for intraoperative fluid management: Pro-Con</b>	Piano Hall
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**Chair:**

Thomas Fuchs-Buder\* (Nancy, France)

**Pro**

Thomas Scheeren\* (Groningen, Netherlands)

**Con**

Thorsten Haas\* (Zürich, Switzerland)

S	03S1 Symposium	Saturday, 1 June 11:00 - 12:00	<b>Regional anaesthesia in patients with specific issues</b>	Stolz
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**Chair:**

Luc Sermeus\* (Edegem, Belgium)

**Peripheral nerve block in anticoagulated patients**

Brian Kinirons (Galway, Ireland)

**Peripheral nerve block in patients with pre-existing neuropathy**

Gabriella Iohom (Cork, Ireland)

**Peripheral nerve block in the ICU patients**

Morne Wolmarans (Norwich, United Kingdom)

S	07S1 Symposium	Saturday, 1 June 11:00 - 12:00	<b>Blood pressure: new perspectives on an old issue</b>	Cello Hall
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**Chair:**

Jilles Bijker (Ede, Netherlands)

**Guidelines for the community management of hypertension and their implications for perioperative care**

Simon Howell (Leeds, United Kingdom)

**The risks of intraoperative hypotension**

Jilles Bijker (Ede, Netherlands)

**Use of phenylephrine in the operating room: could it be more harmful than helpful?**

Jean-Luc Fellahi (Lyon, France)

S	09S1 Symposium	Saturday, 1 June 11:00 - 12:00	<b>Extracorporeal techniques in sepsis: is it worth the effort?</b>	Flute Hall
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**Chair:**

Sharon Einav (Jerusalem, Israel)

**Continuous renal replacement techniques (CRRT)**

Alexander Zarbock\* (Münster, Germany)

**Cytokine removal**

Zsolt Molnar\* (Szeged, Hungary)

**Endotoxin removal**

Didier Payen De La Garanderie (Paris, France)

S	10S1 Symposium	Saturday, 1 June 11:00 - 12:00	<b>Bloody mess – transfusion and coagulation</b> Symposium organised by Anesthesia and Analgesia Journal	Violin Hall
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**Chair:**

Catherine Heim (Lausanne, Switzerland)

Kurt Ruetzler (Cleveland, United States)

**Bleeding in traumatic brain injury**

Jean-François Payen (Grenoble, France)

**Coagulation abnormalities in surgical bleeding**

Jean-François Pittet (Birmingham, United States)

**Obstetrical haemorrhage**

Alexander Butwick\* (Stanford, United States)

ME	11ME1 Meet the Expert	Saturday, 1 June 11:00 - 12:00	<b>Fiberoptic bronchoscope or videolaryngoscope for my obese patient?</b> Session organised in collaboration with the European Society for Perioperative Care of the Obese Patient (ESPCOP) and the European Airway Management Society (EAMS)	Strauss 2
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**Chair:**

Flavia Petrini (Chieti Scalo, Italy)

Jan Paul Mulier\* (Bruges, Belgium)

**I choose fiberoptic bronchoscope**

Daniela Godoroja (Bucharest, Romania)

**I choose videolaryngoscope**

Iljaz Hodzovic\* (Cardiff, United Kingdom)



S	14S1 Symposium	Saturday, 1 June 11:00 - 12:00	<b>Interpersonal risks and our estimations: do we understand it?</b>	Schubert 5
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**Chair:**

Paul McConnell (Paisley, United Kingdom)

**I am very exhausted and tired but will put you to sleep tonight for surgery - Any problem with it?**

Laura McClelland (Cardiff, United Kingdom)

**The pros and cons to provide personal medical services for family members**

Colin Hutchison (Paisley, United Kingdom)

S	15S1 Symposium	Saturday, 1 June 11:00 - 12:00	<b>Cognitive function in the older surgical patient</b>	Strauss 1
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**Chair:**

Concezione Tommasino (Milano, Italy)

**Cognitive impairment in the older surgical patient**

Helen O'Brien (Cork, Ireland)

**Depth of anaesthesia monitoring in the elderly**

Finn Radtke (Naestved, Denmark)

**Neurological sequelae of anaesthesia and surgery: equivalent of traumatic brain injury**

Lis Evered (Fitzroy, Australia)

S	ESAS1 Symposium	Saturday, 1 June 11:00 - 12:30	<b>Meet the Editors-in-Chief</b>	Lehar 1
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**EJA**



**Chair:**

Martin Tramèr (Geneva, Switzerland)

**Preprints in clinical medicine: merits and demerits – (Anaesthesiology)**

Evan Kharasch (Durham, United States)

**Impressions from today's world of systematic reviews and meta-analyses  
(Acta Anaesthesiologica Scandinavica)**

Michael Haney (Umeå, Sweden)

**Title to be announced (Canadian Journal of Anesthesia)**

Hilary P. Grocott (Winnipeg, Canada)

**Plan-S: implications for authors, journals and societies (Anaesthesia and Intensive Care)**

John Loadsman\* (Camperdown, Australia)

**What is the value of publishing Case Reports in the current era? (Anaesthesia)**

Kariem El-Boghdady\* (London, United Kingdom)

S	ESAS2 Symposium	Saturday, 1 June 11:00 - 12:00	<b>Be the person others want to follow: ESA insights into leadership and gender (in)equality</b>	Agora
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**Chair:**

Thea Koch (Dresden, Germany)  
 Wolfgang Buhre\* (Maastricht, Netherlands)

**ESA survey on gender and leadership**

Idit Matot (Tel Aviv, Israel)

**Creating positive change together; supporting women in their careers**

J. Robert Sneyd\* (Plymouth, United Kingdom)

**Trainee perspective – the Y generation**

Anne Blank (Berlin, Germany)

**Panel Discussion**

S	01S1 Symposium	Saturday, 1 June 14:00 - 15:00	<b>Digital health: when computers supervise</b>	Stolz
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**Chair:**

Anthony Absalom\* (Groningen, Netherlands)

**Closed loops, advisory displays and artificial intelligence in anaesthesia: ready for prime time?**

Michel Struys\* (Groningen, Netherlands)

**Integration of wearable health sensor information to provide pre- and postoperative information**

Frédéric Michard\* (Lausanne, Switzerland)

**Closed-loop assisted fluid administration: is it feasible and safe?**

Alexandre Joosten\* (Brussels, Belgium)

D	03D1 Pro & Con Debate	Saturday, 1 June 14:00 - 15:00	<b>Adjuncts or catheters to prolong single-shot injections of local anaesthetics?</b>	Strauss 1
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**Chair:**

Matthias Desmet (Kortrijk, Belgium)

**Adjuncts**

Eric Albrecht\* (Lausanne, Switzerland)

**Catheters**

David Johnston (Belfast, United Kingdom)

S	05S1 Symposium	Saturday, 1 June 14:00 - 15:00	<b>Controversies in paediatric anaesthesia</b>	Schubert 5
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**Chair:**

Laszlo Vutskits (Geneva, Switzerland)

**Approach to adolescents: what changes?**

Tom Giedsing Hansen (Odense, Denmark)

**Anaesthesia for the obese child**

Maren Kleine-Brueggeney (London, United Kingdom)

**The new statement of preoperative fasting: is that all we need?**

Peter Gunnar Mikael Frykholm (Uppsala, Sweden)

S	08S1 Symposium	Saturday, 1 June 14:00 - 15:00	<b>Acute and chronic pain: the anaesthesiologist's role...</b>	Lehar 1
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**Chair:**

Marc René Suter (Lausanne, Switzerland)

**... in managing and preventing pain after surgery**

Esther M. Pogatzki-Zahn\* (Münster, Germany)

**... in managing chronic pain**

Patricia Lavandhomme (Brussels, Belgium)

**... in palliative care**

Kris Vissers (Nijmegen, Netherlands)

ME	10ME1 Meet the Expert	Saturday, 1 June 14:00 - 14:45	<b>A practical approach to triage of trauma patients prior to ICU</b> Session organised by the Trainee Committee	Trainee Booth
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**Chair:**

Matija Majic (Zagreb, Croatia)

**Speaker:**

Kurt Ruetzler (Cleveland, United States)

S	12S1 Symposium	Saturday, 1 June 14:00 - 15:00	<b>Prehospital fluid and coagulation management</b>	Strauss 2
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**Chair:**

Christian von Heymann\* (Berlin, Germany)

**Target blood pressure in the bleeding patient with or without brain injury**

Patrick Meybohm\* (Frankfurt, Germany)

**Prehospital transfusion with blood products**

Christian Fenger-Eriksen (Aarhus, Denmark)

**Optimising coagulation efforts in the bleeding trauma patient**

Marc Maegele\* (Cologne, Germany)

S	13S1 Symposium	Saturday, 1 June 14:00 - 15:00	<b>Prevention of perioperative myocardial infarction</b>	Flute Hall
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**Chair:**

Diogo Sobreira Fernandes (Porto, Portugal)

**Myocardial infarction - epidemiology, patients at risk and optimization modalities**

Giovanna Lurati Buse\* (Düsseldorf, Germany)

**Knowledge gaps in perioperative management of patients at risk**

Daniel Sessler\* (Cleveland, United States)

**Collaboration - a successful approach for managing these patients?**

Teodora Orhideea Nicolescu (Oklahoma City, United States)

S	14S2 Symposium	Saturday, 1 June 14:00 - 15:00	<b>From cell phones to noisy rooms – Can distractions in the OR harm your patients</b>	Violin Hall
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American Society of  
Anesthesiologists



**Chair:**

Matthew Weinger (Nashville, United States)

**Understanding distractions and interruptions in anaesthesia care**

Tobias Grundgeiger (Würzburg, Germany)

**OR distractions and their effects on vigilance, workload, and non-routine events**

Jason Slagle (Nashville, United States)

**Critical phase distractions in anaesthesia and the sterile cockpit concept**

Malcolm Broom (Glasgow, United Kingdom)

**APSF's Recommendations for OR Distraction Management**

Matthew Weinger (Nashville, United States)

S	15S2 Symposium	Saturday, 1 June 14:00 - 15:00	<b>Anaesthesia in the elderly – REGAINing HOPE</b>	Piano Hall
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**Chair:**

Idit Matot (Tel Aviv, Israel)

**Preoperative evaluation of the elderly patient**

Idit Matot (Tel Aviv, Israel)

**Mode of anaesthesia for patients undergoing hip fracture**

Mark Coburn (Aachen, Germany)

**Intraoperative management of the elderly patient**

Ciara O'Donnell (Belfast, United Kingdom)

S	ESAS3 Symposium	Saturday, 1 June 14:00 - 15:00	<b>The anaesthesiologist as a second victim of an adverse event</b>	Agora
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**Chair:**

Stefan De Hert (Ghent, Belgium)

Pierre Albaladejo\* (Grenoble, France)

**Burn-out among anaesthesiologists: results of an Italian survey**

Filippo Sanfilippo (Palermo, Italy)

**Burn-out among anaesthesiologists: results of Greek survey**

Eleni Arnaoutoglou (Ioannina, Greece)

**Prevention is better than Disaster: a Maltese experience within obstetric anaesthesia**

Petramay Attard Cortis (L-Imbida, Malta)

**Second victim: causes and consequences**

Hervé Bouaziz (Nancy, France)

L	01L1 Lecture	Saturday, 1 June 15:15 - 16:00	<b>Update on mechanisms of general anaesthesia</b>	Violon Hall
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**Chair:**

Anthony Absalom\* (Groningen, Netherlands)

**Speaker:**

Nicholas Franks (London, United Kingdom)

L	01L2 Lecture	Saturday, 1 June 15:15 - 16:00	<b>History of self-experiments in anaesthesia</b>	Lehar 1
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**Chair:**

Alistair McKenzie (Edinburgh, United Kingdom)

**Speaker:**

Fernando Gilsanz (Madrid, Spain)



<b>ME</b>	01ME1 Meet the Expert	Saturday, 1 June 15:15 - 16:00	<b>Prevention and treatment of high-altitude diseases</b>	Strauss 2
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**Chair:**  
Marc Moritz Berger (Salzburg, Austria)

**Speaker:**  
Dan Martin\* (London, United Kingdom)

<b>RC</b>	01RC1 Refresher Course	Saturday, 1 June 15:15 - 16:00	<b>Cannabis: more than a recently legalised party drug?</b>	Piano Hall
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**Chair:**  
Maria Wittmann (Bonn, Germany)

**Speaker:**  
Elena Neumann (Zurich, Switzerland)

<b>L</b>	09L1 Lecture	Saturday, 1 June 15:15 - 16:00	<b>Assessing delirium in the intensive care unit</b>	Strauss 1
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**Chair:**  
Mark Coburn (Aachen, Germany)





**Speaker:**  
Ulf Guenther\* (Oldenburg, Germany)

<b>L</b>	12L1 Lecture	Saturday, 1 June 15:15 - 16:00	<b>Practical implementation of blood management programmes</b>	Flute Hall
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**Chair:**  
Christa Boer (Amsterdam, Netherlands)

**Speaker:**  
Patrick Meybohm\* (Frankfurt, Germany)

L	14L1 Lecture	Saturday, 1 June 15:15 - 16:00	<b>The patient's view on perioperative patient safety</b>	Stolz
			<b>Chair:</b> Martin Ponschab (Linz, Austria)	
			<b>Speaker:</b> Coby Omvlee (Trondheim, Norway)	
L	16L1 Lecture	Saturday, 1 June 15:15 - 16:00	<b>How do we translate expanded knowledge into successful practice and patient satisfaction?</b>	Agora
			<b>Chair:</b> Kim Lindelof (Malmo, Sweden)	
			<b>Speaker:</b> Teodora Orhideea Nicolescu (Oklahoma City, United States)	
L	02L1 Lecture	Saturday, 1 June 16:30 - 17:15	<b>Litigation and complaints associated with ambulatory anaesthesia</b>	Stolz
			<b>Chair:</b> Mark Skues (Chester, United Kingdom)	
			<b>Speaker:</b> Annabel Pearson (Bath, United Kingdom)	
D	03D2 Pro & Con Debate	Saturday, 1 June 16:30 - 17:30	<b>Peripheral nerve blocks should be performed routinely in patients undergoing orthopedic: Pro-Con</b>	Violin Hall
			<b>Chair:</b> Alan Macfarlane (Glasgow, United Kingdom)	
			<b>Pro</b> Eric Albrecht* (Lausanne, Switzerland)	
			<b>Con</b> Jose Romero (Zürich, Switzerland)	

<b>RC</b>	07RC1 Refresher Course	Saturday, 1 June 16:30 - 17:15	<b>Cardio-circulatory stabilisation of the hypovolemic patient: the endless story</b>	Strauss 2
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**Chair:**  
Bernard Cholley\* (Paris, France)

**Speaker:**  
Jean-Louis Teboul\* (Le Kremlin-Bicêtre, France)

<b>RC</b>	08RC1 Refresher Course	Saturday, 1 June 16:30 - 17:15	<b>Evidence-based medicine guidelines for the management of low back pain</b>	Flute Hall
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**Chair:**  
Kris Vissers (Nijmegen, Netherlands)

**Evidence-based medicine guidelines for the management of low back pain**  
Jan Van Zundert (Lanaken, Belgium)

<b>ME</b>	09ME1 Meet the Expert	Saturday, 1 June 16:30 - 17:15	<b>A practical approach to trauma ICU patients</b> Session organised by the Trainee Committee	Trainee Booth
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**Chair:**  
Matija Majic (Zagreb, Croatia)

**Speaker:**  
Sharon Einav (Jerusalem, Israel)

<b>ME</b>	09ME2 Meet the Expert	Saturday, 1 June 16:30 - 17:15	<b>How to avoid predatory publishing in anaesthesia and critical care</b>	Strauss 1
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**Chair:**  
Paul McConnell (Paisley, United Kingdom)

**How to avoid predatory publishing in anaesthesia and critical care?**  
Andrea Cortegiani (Palermo, Italy)

**Ethics in publishing**  
Elie Azoulay (Paris, France)

L	13L1 Lecture	Saturday, 1 June 16:30 - 17:15	<b>Challenges to establish real perioperative medicine</b>	Piano Hall
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**Chair:**  
Idit Matot (Tel Aviv, Israel)

**Speaker:**  
Monty Mythen\* (London, United Kingdom)

L	13L2 Lecture	Saturday, 1 June 16:30 - 17:15	<b>Approaches to avoid and manage major cardiovascular events after surgery</b>	Cello Hall
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**Chair:**  
Andreas Hoeft (Bonn, Germany)

**Speaker:**  
Philip J. Devereaux\* (Hamilton, Canada)

S	13S2 Symposium	Saturday, 1 June 16:30 - 18:00	<b>Perioperative issues in liver disease</b> Symposium organised by the Liver Intensive Care Group of Europe (LICAGE)	Schubert 5
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**Chair:**  
Fuat Hakan Saner\* (Essen, Germany)  
Koen Reijntjens\* (Groningen, Netherlands)

**Enhanced recovery after surgery (ERAS) in liver transplantation**  
Giandomenico Biancospino (Pisa, Italy)

**Hemodynamic monitoring: which is the best in end-stage liver disease?**  
Koen Reijntjens\* (Groningen, Netherlands)







**ICU treatment in acute liver failure (ALF)**  
Dana Rodica Tomescu (Bucharest, Romania)

RC	14RC1 Refresher Course	Saturday, 1 June 16:30 - 17:15	<b>How anaesthesiologists can contribute to avoid perioperative infections</b>	Lehar 1
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**Chair:**  
Hartmut Bürkle (Freiburg, Germany)

**Speaker:**  
Sebastian Schulz Stübner\* (Freiburg, Germany)

S	16S1 Symposium	Saturday, 1 June 16:30 - 18:00	<b>Safer anaesthesia with good teamwork in the operating theatre</b> Symposium organised by the ESA in collaboration with the International Federation of Nurse Anesthetists (IFNA)	Agora
			<b>Chair:</b> Marcelo Gama de Abreu* (Dresden, Germany) Pascal Rod (Villennes Sur Seine, France)  <b>Patient outcome: Anaesthesia care team versus solo physicians</b> Philippe Dony (Brussels, Belgium)  <b>Better working processes – the role of the surgical checklist</b> Arvid Steinar Haugen (Bergen, Norway)  <b>Teamwork and patient safety, illustrated by real cases</b> Patrice Forget (Brussels, Belgium) Robert Doureradjam (Geneva, Switzerland)	
				
S	01S2 Symposium	Saturday, 1 June 17:30 - 18:30	<b>Anaesthesia as a cancer disease modifier</b>	Piano Hall
			<b>Chair:</b> Anthony Absalom* (Groningen, Netherlands)  <b>Opiates, regional anaesthesia and cancer recurrence</b> Daniela Ionescu* (Cluj-Napoca, Romania)  <b>Total intravenous anaesthesia (TIVA), volatiles and cancer recurrence</b> Timothy Wigmore (London, United Kingdom)  <b>Should we change our practice?</b> William Harrop-Griffiths (London, United Kingdom)	
S	01S3 Symposium	Saturday, 1 June 17:30 - 18:30	<b>Goal versus guideline-directed cardiopulmonary resuscitation (CPR)</b>	Stolz
			<b>Chair:</b> Konstantinos Stroumpoulis* (Athens, Greece)  <b>Use of ultrasound and capnography to guide optimal CPR</b> Per-Olav Stefferud Berve (Oslo, Norway)  <b>Do we need a different algorithm for CPR with devices?</b> Lars Wik* (Oslo, Norway)	



S	04S1 Symposium	Saturday, 1 June 17:30 - 18:30	<b>Dural puncture epidural (DPE), combined spinal epidural (CSE) or epidural alone for labour?</b>	Flute Hall
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**Chair:**

Frédéric Mercier (Clamart, France)

**Epidural alone?**

Emilia Guasch (Madrid, Spain)

**Combined spinal epidural (CSE)?**

Marc Van de Velde\* (Leuven, Belgium)

**Dural puncture epidural (DPE)?**

Lawrence Tsen (Boston, United States)

S	10S2 Symposium	Saturday, 1 June 17:30 - 18:30	<b>Violence and resilience</b>	Cello Hall
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**Chair:**

Antoine Baumann (Le Kremlin-Bicêtre, France)

**Listening to family members of critically ill patients**

Elie Azoulay (Paris, France)

**Lessons in planning from mass casualty events by terrorism**

Sabine Roche (Paris, France)

**Violence against healthcare staff in hospitals: an underestimated problem?**

Sabine Hahn (Bern, Switzerland)

S	10S3 Symposium	Saturday, 1 June 17:30 - 18:30	<b>The role of mechanical cardiac support</b>	Strauss 1
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**Chair:**

Bernd Böttiger\* (Cologne, Germany)

**Indication and outcome of extracorporeal cardiopulmonary resuscitation (ECPR)**

Benoît Vivien (Paris, France)

**ECPR: All about the flow!**

Guido Michels\* (Cologne, Germany)

<b>S</b>	11S1 Symposium	Saturday, 1 June 17:30 - 18:30	<b>Current topics in mechanical ventilation</b>	Lehar 1
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**Chair:**

Massimiliano Sorbello\* (Catania, Italy)

**Should low tidal volumes be always used?**

Francisco Javier Belda Nacher (VALENCIA, Spain)

**Spontaneous breathing in early acute respiratory distress syndrome (ARDS): state of the art**

Christian Putensen (Bonn, Germany)

**Recruitment maneuvers in the operation and intensive care unit**

Paolo Pelosi (Genoa, Italy)

<b>D</b>	ESAD1 Pro & Con Debate	Saturday, 1 June 17:30 - 18:30	<b>Guidelines: Pro-Con</b> Session organised by the ESA Guidelines Committee	Strauss 2
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**Chair:**

Sibylle Kietaibl (Vienna, Austria)

**Pro**

Edoardo De Robertis\* (Perugia, Italy)

**Con**

Arash Afshari (Copenhagen, Denmark)

<b>L</b>	01L3 Lecture	Saturday, 1 June 17:45 - 18:30	<b>Closed loop anaesthesia: how close to prime time is it?</b>	Violin Hall
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**Chair:**

Michel Struys\* (Groningen, Netherlands)

**Speaker:**

Ngai Liu\* (Paris, France)

S	01S4 Symposium	Sunday, 2 June 08:00 - 09:00	<b>Malignant hyperthermia (MH) outside the operating theatre</b> Symposium organised in collaboration with the European Malignant Hyperthermia Group (EMHG)	Schubert 5
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## EMHG



### Chair:

Philip Hopkins (Leeds, United Kingdom)

### MH induced by physical stress

Marc Snoeck (Nijmegen, Netherlands)

### MH in ICU patients

Henrik Rueffert (Schkeuditz, Germany)

### Preparation of patient and workstation prior anaesthesia

Sebastian Heiderich (Hannover, Germany)

S	01S5 Symposium	Sunday, 2 June 08:00 - 09:00	<b>Evidence of the impact of anaesthesia and surgery on the human brain</b>	Piano Hall
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### Chair:

Lis Evered (Fitzroy, Australia)

### The human brain after surgery: central nervous system (CNS) immune activation and long-term cognitive changes

Lars I Eriksson (Stockholm, Sweden)

### Neurological sequelae of anaesthesia and surgery: equivalent to traumatic brain injury?

Lis Evered (Fitzroy, Australia)

### The new nomenclature for perioperative cognitive disorders: the first 18 months of use in the literature

Roderic G. Eckenhoof (Philadelphia, United States)

S	01S6 Symposium	Sunday, 2 June 08:00 - 09:00	<b>Pharmacology in special patient populations</b>	Strauss 1
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### Chair:

Marc Moritz Berger (Salzburg, Austria)

### Pregnant women

Tony Gin (Hong Kong, China)

### Paediatric patients

Tom Giedsing Hansen (Odense, Denmark)

### Elderly patients

Mark Coburn (Aachen, Germany)

D

02D1 Sunday, 2 June  
Pro & Con Debate 08:00 - 09:00

## Neuromuscular blockade and opioids in ambulatory anaesthesia: Pro-Con

Lehar 1



### Chair:

Tatjana Simurina (Zadar, Croatia)

### Pro

Slavica Kvolik (Osijek, Croatia)

### Con

Boris Mraovic\* (Philadelphia, United States)

S

03S2 Sunday, 2 June  
Symposium 08:00 - 09:00

## Game changers - Recent papers in regional anaesthesia that changed my practice

Strauss 2



### Chair:

Luc Sermeus\* (Edegem, Belgium)

### Ultrasound-guided techniques for peripheral nerve block

Matthias Desmet (Kortrijk, Belgium)

### Peripheral nerve blocks to improve postoperative recovery

Morne Wolmarans (Norwich, United Kingdom)

S

07S2 Sunday, 2 June  
Symposium 08:00 - 09:00

## Levosimendan in 2019: who are the appropriate patients?

Stolz



### Chair:

Patrick Wouters (Gent, Belgium)

### Are isolated coronary artery bypass grafting (CABG) patients with poor left ventricular ejection fraction (LVEF) a good target for prophylactic levosimendan prior to surgery?

Matthias Heringlake\* (Kiel, Germany)

### The less common situations in which levosimendan is the prime choice

Bernard Cholley\* (Paris, France)

S

12S2 Sunday, 2 June  
Symposium 08:00 - 09:00

## Perioperative management and monitoring of patients...

Cello Hall



### Chair:

Christian von Heymann\* (Berlin, Germany)

### ... on direct oral anticoagulants

Pierre Albaladejo\* (Grenoble, France)

### ... on dual or single antiplatelet therapy

Christian von Heymann\* (Berlin, Germany)

### ... with cirrhosis, protein C-S deficiency, von Willebrand disease and haemophilia

Aamer B. Ahmed\* (Leicester, United Kingdom)

S	ESAS4 Symposium	Sunday, 2 June 08:00 - 09:00	<b>This will be the next big thing in ... (10 minutes to convince)</b> Symposium organised by the National Organising Committee (NOC)	Flute Hall
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**Chair:**

Judith Martini (Innsbruck, Austria)  
Anette-Marie Schultz (Vienna, Austria)

**...pain medicine!**

Burkhard Gustorff (Vienna, Austria)

**...emergency medicine!**

Harald Willschke (Vienna, Austria)

**...the operating room!**

Oliver Kimberger (Vienna, Austria)

**...critical care!**

Paul Zajic (Graz, Austria)

PC	YTRA Prize Competition	Sunday, 2 June 08:15 - 10:45	<b>Young Teaching Recognition Award</b>	Agora
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**Chair:**

Serban-Ion Bubenek-Turconi (Bucharest, Romania)  
Andreas Sandner-Kiesling (Graz, Austria)  
Bernardo Matias (Setubal, Portugal)

**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)

**Simulation Based Education: safe e-learning approach**

Rosa Roberta Caporusso (Foggia, Italy)

S	16S2 Symposium	Sunday, 2 June 09:00 - 10:00	<b>ESA Trainee Network Booth Session: ESA Trainees Committee and National Trainee Sections</b> Symposium organised by the Trainee Committee	Trainee Booth
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**Chair:**

Anne Blank (Berlin, Germany)  
Gustavo Norte (Coimbra, Portugal)

**Creating a new Trainee Section: the Belgian experience**

Shaun De Meirman (Leuven, Belgium)







**JUNGE Anaesthesia – Austrian Trainee Network**

Steve Muller (Villach, Austria)

**The international perspective: ESRA Residents & Trainees section**

Martina Rekatsina (Athens, Greece)



L	01L4 Lecture	Sunday, 2 June 09:15 - 10:00	<b>Inhaled agents, carrier gases and the environment</b>	Cello Hall
			<p><b>Chair:</b> Vincent Bonhomme (Liège, Belgium)</p> <p><b>Speaker:</b> Ole John Nielsen (Copenhagen, Denmark)</p>	
L	01L5 Lecture	Sunday, 2 June 09:15 - 10:00	<b>Perioperative blood pressure management: what is the optimal blood pressure?</b>	Strauss 2
			<p><b>Chair:</b> Thomas Scheeren* (Groningen, Netherlands)</p> <p><b>Speaker:</b> Bernd Saugel* (Hamburg, Germany)</p>	
RC	02RC1 Refresher Course	Sunday, 2 June 09:15 - 10:00	<b>Ambulatory anaesthesia: the state of the art</b>	Flute Hall
			<p><b>Chair:</b> Mark Skues (Chester, United Kingdom)</p> <p><b>Speaker:</b> Ian Smith (Stoke-on-Trent, United Kingdom)</p>	
L	03L1 Lecture	Sunday, 2 June 09:15 - 10:00	<b>Fascia plane blocks – Old techniques, new perspectives</b>	Schubert 5
			<p><b>Chair:</b> Eric Albrecht* (Lausanne, Switzerland)</p> <p><b>Speaker:</b> David Johnston (Belfast, United Kingdom)</p>	
L	04L1 Lecture	Sunday, 2 June 09:15 - 10:00	<b>Programmed intermittent epidural boluses (PIEB) combined with patient-controlled epidural analgesia (PCEA) mode for maintenance of labour analgesia</b>	Lehar 1
			<p><b>Chair:</b> Nuala Lucas (London, United Kingdom)</p> <p><b>Speaker:</b> Ronald B. George (Halifax, Canada)</p>	

L	09L2 Lecture	Sunday, 2 June 09:15 - 10:00	<b>Hot topics in intensive care medicine - Last 12 months' top publications</b>	Piano Hall
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**Chair:**

Cesare Gregoretti\* (Palermo, Italy)

**Speaker:**

Davide Chiumello (Milan, Italy)

L	13L3 Lecture	Sunday, 2 June 09:15 - 10:00	<b>(Hocus) POCUS: magic perioperative applications of ultrasound</b>	Stolz
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**Chair:**

Gabriella Iohom (Cork, Ireland)

**Speaker:**

Rosemary Hogg (Belfast, United Kingdom)

RC	15RC1 Refresher Course	Sunday, 2 June 09:15 - 10:00	<b>Postoperative stroke: an update</b>	Strauss 1
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**Chair:**

Concezione Tommasino (Milano, Italy)

**Speaker:**

Idit Matot (Tel Aviv, Israel)

S	04S2 Symposium	Sunday, 2 June 10:30 - 12:00	<b>Tips and tricks in obstetric anaesthesia, analgesia and resuscitation</b>	Flute Hall
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**Chair:**

Marc Van de Velde\* (Leuven, Belgium)

**Avoiding hypotension during C-section under neuraxial anaesthesia**

Mike Kinsella (Bristol, United Kingdom)

**Timing of initiation of neuraxial analgesia and impact on progress of labour**

Michela Camorcia (Rome, Italy)

**Use of cardiac and lung ultrasound for obstetric emergencies**

Clemens Ortner (Stanford, United States)

**Bleeding management in obstetric haemorrhage**

Anne-Sophie Bouthors (Lille, France)

S	06S1 Symposium	Sunday, 2 June 10:30 - 12:00	<b>Critical conditions in neuroanaesthesia: how do we face them?</b>	Strauss 2
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**Chair:**

Alexander Zlotnik (Beer-Sheva, Israel)

**Management of intraoperative swelling in brain surgery**

Alexander Kulikov (Moscow, Russia)

**Airway management in patient with unstable cervical spine**

Maria Cristina Honorato (Pamplona, Spain)

**A current approach to prevention and treatment of venous air embolism**

Martin Söhle\* (Bonn, Germany)

**Cerebral bleeding and new anticoagulants**

Dana Baron Shahaf (Haifa, Israel)

S	07S3 Symposium	Sunday, 2 June 10:30 - 12:00	<b>Controversies in the perioperative management of the cardiac patient: 10 minutes to convince</b>	Piano Hall
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**Chair:**

Philip J. Devereaux\* (Hamilton, Canada)

**Benefits and risks of betablockers**

Pierre Foex (Oxford, United Kingdom)

**Benefits and risks of alpha2-agonists**

Patrice Forget (Brussels, Belgium)

**Must I stop renin angiotensin system (RAS) inhibitors?**

Pascal Colson (Montpellier, France)

**Should I always maintain aspirin?**

Anne Godier\* (Paris, France)

**Sevoflurane or propofol-based anaesthesia?**

Giovanni Landoni\* (Milan, Italy)

**PACU/ICU or continuous monitoring in the ward?**

Cornelis Kalkman (Utrecht, Netherlands)

S

09S2  
Symposium

Sunday, 2 June  
10:30 - 12:00

## Strategies to improve outcomes in critical care medicine

Lehar 1



### Chair:

Mikhail Y. Kirov\* (Arkhangelsk, Russia)

### Acute respiratory distress syndrome (ARDS)

Davide Chiumello (Milan, Italy)

### Perioperative pulmonary complications

Samir Jaber\* (Montpellier, France)

### Delirium

Ulf Guenther\* (Oldenburg, Germany)

### Sepsis

Marc Leone\* (Marseille, France)

S

11S2  
Symposium

Sunday, 2 June  
10:30 - 12:00

## New tools in airway management: promises kept or much ado about nothing?

Cello  
Hall



### Chair:

Massimiliano Sorbello\* (Catania, Italy)

### Which role for ECMO in airway management?

Robert Greif\* (Bern, Switzerland)

### THRIVE and high flow nasal cannula: where we are?

Lorenz Gregor Theiler\* (Bern, Switzerland)

### New gadgets in airway management: everything useful?

Michael Seltz Kristensen (Copenhagen, Denmark)

### Everything around oxygen: perioxxygenation

Massimiliano Sorbello\* (Catania, Italy)

S

13S3  
Symposium

Sunday, 2 June  
10:30 - 12:00

## Safer anaesthesia for the morbidly obese patient

Strauss  
1



### Chair:

Luc De Baerdemaeker (Gent, Belgium)

Tomasz Gaszynski\* (Lodz, Poland)

### Airway issues in the morbidly obese

Daniela Godoroja (Bucharest, Romania)

### Optimal ventilation in the morbidly obese

Jan Paul Mulier\* (Bruges, Belgium)

### Safer analgesia in morbidly obese

Michael Margaron (Chichester, United Kingdom)

S	14S3 Symposium	Sunday, 2 June 10:30 - 12:00	<b>Realising the Helsinki Declaration on Patient Safety in Anaesthesiology (HD) - Six practices that improve perioperative patient safety</b>	Stolz
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**Chair:**

Andrew Fairley Smith\* (Lancaster, United Kingdom)

**Safety requirements that should be prioritised in order to improve patient outcomes**

Jannicke Mellin-Olsen (Haslum, Norway)

**Practical use of cognitive aids - Live the difference**

Benedikt Preckel\* (Amsterdam, Netherlands)

**Postoperative care - Key for improving perioperative patient safety**

Johannes Wacker (Zürich, Switzerland)

**How quality indicators can help to improve local patient outcomes**

Martin Ponschab (Linz, Austria)

**How taking care of second victims can help avoiding first victims**

Sven E. A. Staender (Maennedorf, Switzerland)

**Departmental annual patient safety report - Administrative nuisance or effective patient safety tool?**

David Whitaker\* (Manchester, United Kingdom)

S	16S3 Symposium	Sunday, 2 June 10:30 - 12:00	<b>PERSEUS guidelines</b>	Violin Hall
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**Chair:**

Arash Afshari (Copenhagen, Denmark)

**Ultrasound for vascular access in adults**

Daniele Guerino Biasucci (Rome, Italy)

**Ultrasound for vascular access in children**

Nicola Disma (Genoa, Italy)

**Ultrasound for regional anaesthesia**

Emmanuel Boselli\* (Bourgoin-Jallieu, France)

**Impact of PERSEUS guidelines on future teaching and training**

Massimo Lamperti (Abu Dhabi, United Arab Emirates)

S	16S4 Symposium	Sunday, 2 June 11:00 - 12:00	<b>ESA Trainee Network: "Trainees for Trainees"</b> Symposium organised by the ESA Trainees Committee	Agora
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**Chair:**

Mario Zerafa (Msida, Malta)

**Non-Technical Skills - What's in it for my patient and I?**

Rikke Malene Jepsen (Hvidovre, Denmark)

**The role of the anaesthesiologist in humanitarian missions**

Gustavo Norte (Coimbra, Portugal)

**News on diabetes care in the OR and ICU**

Abraham Hulst (Amsterdam, Netherlands)



<b>D</b>	01D2 Pro & Con Debate	Sunday, 2 June 14:00 - 15:00	<b>WHO-recommendation for 80% oxygen – consigned to history? Pro-Con</b>	Strauss 1
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**Chair:**

Tony Gin (Hong Kong, China)

**Pro**

Markus W. Hollmann (Amsterdam, Netherlands)

**Con**

Marc Moritz Berger (Salzburg, Austria)

<b>S</b>	01S7 Symposium	Sunday, 2 June 14:00 - 15:00	<b>From big data via machine learning to predictive modelling</b>	Violin Hall
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**Chair:**

Thomas Scheeren\* (Groningen, Netherlands)

**Big data - Big evidence?**

Steven L. Shafer (Stanford, United States)

**Predicting hypotension**

Thomas Scheeren\* (Groningen, Netherlands)

**Predicting hypothermia**

Oliver Kimberger (Vienna, Austria)

<b>S</b>	07S4 Symposium	Sunday, 2 June 14:00 - 15:00	<b>Dexmedetomidine in anaesthesia and intensive care</b>	Flute Hall
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**Chair:**

Jean-Luc Fellahi (Lyon, France)

**How to use it for procedural sedation and analgesia?**

Robert-Denham Fitzgerald (Vienna, Austria)

**Its place in opioid free anaesthesia**

Patrice Forget (Brussels, Belgium)

**Advantages and pitfalls in cardiac ICU**

Bernard Cholley\* (Paris, France)

S	09S3 Symposium	Sunday, 2 June 14:00 - 15:00	<b>Resuscitation in septic shock: is less better?</b>	Piano Hall
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**Chair:**

Davide Chiumello (Milan, Italy)

**Less fluids?**

Gernot Marx\* (Aachen, Germany)

**Less vasopressors?**

Claude Martin (Marseille, France)

**Less inotropes?**

Jean-Louis Vincent (Brussels, Belgium)

S	13S4 Symposium	Sunday, 2 June 14:00 - 15:00	<b>Update for opioid saving in the perioperative period</b>	Lehar 1
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**Chair:**

Caterina Aurilio (Naples, Italy)

**Is the U.S. opioid crisis coming to Europe?**

Marc René Suter (Lausanne, Switzerland)

**How to reduce postoperative morphine consumption?**

Jean-Pierre Estebe (Rennes, France)

**Opioids : friends or foes?**

Roman Zürcher (Basel, Switzerland)

S	15S3 Symposium	Sunday, 2 June 14:00 - 15:00	<b>Preventing complications in the elderly</b>	Strauss 2
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**Chair:**

Ulf Guenther\* (Oldenburg, Germany)

**Should this elderly patient be admitted to the intensive care unit (ICU)?**

Concezione Tommasino (Milano, Italy)

**Preventing delirium in the postoperative period - Is dexmedetomidine the magic bullet?**

Ana Kowark (Aachen, Germany)

**Preventing respiratory failure in the elderly patients**

Christian Brülls (Aachen, Germany)

S	16S5 Symposium	Sunday, 2 June 14:00 - 15:00	<b>Medical ethical dilemmas: more than a burden?</b>	Stolz
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**Chair:**

Colin Hutchison (Paisley, United Kingdom)

**The DNR tattoo: more than a picture?**

Hartmut Bürkle (Freiburg, Germany)

**Withholding therapy in a suicide trauma victim?**

Paul McConnell (Paisley, United Kingdom)

PC	BAPC Prize Competition	Sunday, 2 June 14:00 - 16:00	<b>Best Abstract Prize Competition</b>	Agora
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**Chair:**

Charles Marc Samama (Paris, France)

Esther M. Pogatzki-Zahn\* (Münster, Germany)

Alexander Zarbock\* (Münster, Germany)

**Dexmedetomidine increases expression of peroxisome proliferator-activated receptor gamma (PPAR-gamma) in LPS-stimulated mouse macrophage-like cells**

Maki Fujimoto (Okayama, Japan)

**Remote ischemic preconditioning attenuates lipopolysaccharide induced systemic inflammation through suppressing MAPK/AKT/NF-kB/COX-2 pathway, regardless of RIPC applied time**

Eun-Ji Ko (Seoul, South Korea)

**Dose-response relationship of perineural dexamethasone for interscalene brachial plexus block: a randomised, controlled, triple-blinded trial.**

Idris Piepers (Leuven, Belgium)

**In vivo performance of a membrane CO2 scrubber during target controlled closed-circuit anesthesia**

Sarah Eerlings (Aalst, Belgium)

**Comparison of distribution patterns among three approaches for quadratus lumborum block: an imaging study by 3D-CT scanning**

Gert-Jan Eerdekens (Genk, Belgium)

**Lidocaine levels when used intravenously or in thoracic paravertebral space during lung resection surgery.**

Pablo Tomás Aznar (Madrid, Spain)

S	ESAS5 Symposium	Sunday, 2 June 14:00 - 15:00	<b>Diversity and anaesthesia: is there a gender problem?</b>	Cello Hall
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**Chair:**

Maria Cristina Honorato (Pamplona, Spain)  
Stefan De Hert (Ghent, Belgium)

**The situation in Europe: call for action**

Daniela Filipescu (Bucharest, Romania)

**The situation in the U.S.: ASA perspective and approach**

Elizabeth Rebello\* (Houston, United States)

**The Australian and New Zealand College of Anaesthetists (ANZCA) approach and strategy**

Nicole Phillips (Wahroonga, Australia)

S	ESAS6 Symposium	Sunday, 2 June 14:00 - 15:00	<b>ESA Trainee Network Booth Session: Hot topics by past YTRA winners</b> Session organised by the ESA Trainee Committee	Trainee Booth
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**Chair:**

Diogo Sobreira Fernandes (Porto, Portugal)

**Diaphragm-protective ventilation**

Tom Schepens (Edegem, Belgium)

**A way forward in pulmonary aspiration incidence reduction: ultrasound, mathematics, and worldwide data collection**

Marko Zdravkovic (Maribor, Slovenia)

**Trauma - Goal Directed Treatment based on ROTEM**

Igor Vaskovic (Belgrade, Serbia)

S	13S9 Symposium	Sunday, 2 June 14:45 - 16:15	<b>Acute care and monitoring of high-risk surgical patients outside the OR and the ICU (1)</b> Symposium organised by the European Society for Computing and Technology in Anaesthesia and Intensive Care (ESCTAIC)	Schubert 5
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**Chair:**

Gabriel Gurman (Omer, Israel)

**High-risk patients at discharge from the ICU – When and how?**

Karim Bendjelid (Geneva, Switzerland)

**High-risk surgical patients after OR – ICU, IMC-U or ward – Choosing wisely!**

Bernhard Walder (Geneva, Switzerland)

**Perioperative care on the ward - The role of the anaesthesiologist**

Bart Geerts (Amsterdam, Netherlands)

S	03S3 Symposium	Sunday, 2 June 15:15 - 16:15	<b>Regional anaesthesia: secret recipes from experts</b>	Flute Hall
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**Chair:**

Eric Albrecht\* (Lausanne, Switzerland)

**Which local anaesthetics for which block?**

Morne Wolmarans (Norwich, United Kingdom)

**Tips and tricks to maintain perineural catheters and avoid complications**

David Johnston (Belfast, United Kingdom)

**Local anaesthetic prescription for postoperative continuous infusion**

Alan Macfarlane (Glasgow, United Kingdom)

S	04S3 Symposium	Sunday, 2 June 15:15 - 16:15	<b>Preeclampsia – What's new?</b>	Stolz
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**Chair:**

Frédéric Mercier (Clamart, France)

**Obstetric management**

Vassilis Tsatsaris\* (Paris, France)

**Anaesthetic and resuscitation management**

Clemens Ortner (Stanford, United States)

S	05S2 Symposium	Sunday, 2 June 15:15 - 16:15	<b>The paediatric airway</b>	Cello Hall
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**Chair:**

Walid Habre (Geneva, Switzerland)

**Oxygen in paediatric anaesthesia: how to use it?**

Thomas Riva (Bern, Switzerland)

**The paediatric difficult airway: what to avoid?**

Thomas Engelhardt (Aberdeen, United Kingdom)

**Postoperative respiratory adverse events: prevention and treatment**

Britta Von Ungern-Sternberg (Subiaco, Australia)



S	06S2 Symposium	Sunday, 2 June 15:15 - 16:15	<b>Anaesthesia for invasive brain radiology</b>	Lehar 1
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**Chair:**

Martin Söhle\* (Bonn, Germany)

**General anaesthesia vs. local anaesthesia with conscious sedation: does it really matter?**

Alexander Zlotnik (Beer-Sheva, Israel)

**Intraoperative non-invasive brain monitoring**

Rita Bertuletti (Brescia, Italy)

**The radiologist's point of view: basics of the procedure and expectation of the anaesthesiologist**

Jordi Blasco (Barcelona, Spain)

S	08S2 Symposium	Sunday, 2 June 15:15 - 16:15	<b>Pain management in critically ill patients</b>	Strauss 1
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**Chair:**

Jean-Pierre Estebe (Rennes, France)

**Acute pain in the intensive care unit (ICU): management beyond the usual therapeutic strategies**

Caterina Aurilio (Naples, Italy)

**Chronic neuropathic pain in critically ill patients: diagnosis and management**

Winfried Meissner (Jena, Germany)

S	09S4 Symposium	Sunday, 2 June 15:15 - 16:15	<b>The future of ICU</b>	Violin Hall
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**Chair:**

Zsolt Molnar\* (Szeged, Hungary)

**The era of precision medicine**

Jean-Louis Vincent (Brussels, Belgium)

**Typology of ICU patients in 2050**

Maurizio Cecconi (Milan, Italy)

**How will the extracorporeal membrane oxygenation (ECMO) story continue?**

Antonio Pesenti (Milan, Italy)

L	10L1 Lecture	Sunday, 2 June 15:15 - 16:00	<b>Hot Topics in Critical Emergency Medicine - Last 12 months' top publications</b>	Piano Hall
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**Chair:**

Ayten Saracoglu (Istanbul, Turkey)

**Speaker:**

Catherine Heim (Lausanne, Switzerland)

S	13S5 Symposium	Sunday, 2 June 15:15 - 16:15	<b>Global safe surgery, obstetric and anaesthesia 2030</b> Symposium organised by the World Federation of Societies of Anaesthesiologists (WFSA)	Strauss 2
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**Chair:**

Davy Cheng (London, Canada)

**Safe obstetric and neonatal resuscitation globally by 2030: the role of anaesthesia**

Angela Enright (Victoria, Canada)



**Safe Surgery Globally by 2030: the role of anaesthesia**

Rob McDougall (Vienna, Austria)

**Influencing the authorities – the role of national planning**

Jannicke Mellin-Olsen (Haslum, Norway)

D	01D3 Pro & Con Debate	Sunday, 2 June 17:00 - 18:00	<b>Sugammadex should be the first line reversal agent: Pro-Con</b>	Piano Hall
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**Chair:**

Thomas Fuchs-Buder\* (Nancy, France)

**Pro**

Hans Donald De Boer\* (Groningen, Netherlands)

**Con**

Radmilo Jankovic (Nis, Serbia)

S	02S1 Symposium	Sunday, 2 June 17:00 - 18:00	<b>Diabetes mellitus in the ambulatory setting</b>	Flute Hall
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**Chair:**

Tatjana Simurina (Zadar, Croatia)

**Considerations for the diabetic patient in the ambulatory setting**

Anna Lipp (Norwich, United Kingdom)

**Loco-regional anaesthesia and diabetic neuropathy**

Kariem El-Boghdady\* (London, United Kingdom)

**New drugs for diabetes in the perioperative setting**

Jeroen Hermanides (Amsterdam, Netherlands)

S	05S3 Symposium	Sunday, 2 June 17:00 - 18:00	<b>ESA Trainee Network: networking with the experts in paediatric anaesthesiology</b> Symposium organised by the ESA Trainees Committee	Agora
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**Chair:**

Nicola Disma (Genoa, Italy)

**Emergencies in paediatric anaesthesia**

Karin Becke (Nuremberg, Germany)

**Paediatric regional anaesthesia: tips and tricks**

Maria Vittinghoff (Graz, Austria)

**Managing the critically ill child in the non-tertiary hospital**

John Rutherford (Dumfries, United Kingdom)

S	07S5 Symposium	Sunday, 2 June 17:00 - 18:00	<b>Challenges in cardiovascular anaesthesia</b>	Cello Hall
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**Chair:**

Jean-Luc Fellahi (Lyon, France)

**Acute cardiac failure with preserved left ventricular function**

Etienne Gayat\* (Paris, France)

**Right ventricular failure: how to diagnose and how to treat it?**

Patrick Wouters (Gent, Belgium)

**How to manage patients with Heparin-Induced thrombocytopenia who require cardiac surgery?**

Anne Godier\* (Paris, France)

S	09S5 Symposium	Sunday, 2 June 17:00 - 18:00	<b>Palliative care in the intensive care unit (ICU)</b>	Strauss 1
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**Chair:**

Hartmut Bürkle (Freiburg, Germany)

**Assessment and management of symptoms in ICU**

Gerald Chanques\* (Montpellier, France)

**Dealing with dying patients and their relatives**

Paul McConnell (Paisley, United Kingdom)

**Withdrawal of life support in ICU**

Sebastiano Mercadante (Palermo, Italy)

S	09S6 Symposium	Sunday, 2 June 17:00 - 18:00	<b>Patient Safety within ESA &amp; ESICM – projects and achievements</b> Symposium organised in collaboration with the European Society of Intensive Care Medicine (ESICM)	Violin Hall
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**Chair:**

Kai Zacharowski\* (Frankfurt , Germany)

**ESA President**

Stefan De Hert (Ghent, Belgium)

**ESICM President**

Jozef Kesecioglu (Utrecht, Netherlands)

**ESA President Elect**

Kai Zacharowski\* (Frankfurt , Germany)

**ESICM President-elect**

Maurizio Cecconi (Milan, Italy)

S	10S4 Symposium	Sunday, 2 June 17:00 - 18:00	<b>Major trauma and resuscitation update - Perioperative management and outcomes</b> Symposium organised by the New York State Society of Anesthesiologists (NYSSA)	Strauss 2
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**Chair:**

Audree Bendo (Brooklyn, United States)

**Severe Traumatic Brain Injury**

Audree Bendo (Brooklyn, United States)

**Major Orthopedic Trauma**

Rose Berkun (Buffalo, United States)

**Fluid and Transfusion Management**

Linda Shore-Lesserson (New York, United States)

S	10S5 Symposium	Sunday, 2 June 17:00 - 18:00	<b>New developments in critical emergency medicine</b>	Lehar 1
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**Chair:**

Karl-Christian Thies (Greifswald, Germany)

**New trends in education for cardiopulmonary resuscitation (CPR) - Technical and non-technical skills**

Anne Lippert (Herlev, Denmark)

**Use of drones to deliver automated external defibrillator (AED) directly to the scene**

Andreas Claesson (Stockholm, Sweden)

**Should we anaesthetise awake major trauma patients?**

Jacob Steinmetz (Copenhagen, Denmark)

<b>ME</b>	12ME1 Meet the Expert	Sunday, 2 June 17:00 - 17:45	<b>A practical approach to massive hemorrhage and coagulation problems in trauma patients in the ICU</b> Session organised by the Trainee Committee	Trainee Booth
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**Chair:**  
Matija Majic (Zagreb, Croatia)

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**Speaker:**  
Christian von Heymann\* (Berlin, Germany)

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<b>S</b>	13S6 Symposium	Sunday, 2 June 17:00 - 18:00	<b>Acute care and monitoring of high-risk surgical patients outside the OR and the ICU (2)</b> Symposium organised by the European Society for Computing and Technology in Anaesthesia and Intensive Care (ESCTAIC)	Schubert 5
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**Chair:**  
Dan Sebastian Dirzu (Cluj-Napoca, Romania)  
Gabriel Gurman (Omer, Israel)

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**Monitoring patients from decision to discharge: using informatics to enable Enhanced Recovery After Surgery protocols**  
Jonathan Wanderer (Nashville, United States)

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**Cardiac monitoring outside the OR and ICU**  
Bernardo Bollen Pinto (Geneva, Switzerland)

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**Paediatric clinical decision support systems: a review of the evidence and a view toward the future**  
Allan Simpao (Philadelphia, United States)

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<b>S</b>	ESAS7 Symposium	Sunday, 2 June 17:00 - 18:00	<b>History of anaesthesia</b>	Stolz
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**Chair:**  
Alistair McKenzie (Edinburgh, United Kingdom)

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**Austrian contributions to anaesthesia**  
Franz X. Lackner (Vienna, Austria)

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**Influence of the Vienna/Austrian School on British and American practice**  
Alistair McKenzie (Edinburgh, United Kingdom)

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**Pain therapy and acupuncture in Austria**  
Anna Spacek (Vienna, Austria)

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S	07S6 Symposium	Monday, 3 June 08:15-09:15	<b>Improving postoperative monitoring on the ward for the cardiac risk patient</b>	Piano Hall
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**Chair:**

Bernd Saugel\* (Hamburg, Germany)

**Effects of postoperative visits by anaesthesiologists - outcome and economics**

Wolfgang Buhre\* (Maastricht, Netherlands)

**Which vital parameters to be monitored on the postsurgical ward?**

Cornelis Kalkman (Utrecht, Netherlands)

**Does continuous wireless monitoring on the surgical ward improve outcome?**

Benedikt Preckel\* (Amsterdam, Netherlands)

S	01S8 Symposium	Monday, 3 June 08:30 - 09:30	<b>Adverse long-term effects of general anaesthesia</b> Symposium organised in collaboration with the British Journal of Anaesthesia (BJA)	Cello Hall
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**Chair:**

Philip Hopkins (Leeds, United Kingdom)

**Developmental neurotoxicity**

Hugh Hemmings\* (New York, United States)

**Delirium, postoperative cognitive dysfunction (POCD) and neurodegeneration**

Robert David Sanders (London, United Kingdom)

**Cancer metastasis and survival**

Donal J. Buggy (Dublin, Ireland)

S	02S2 Symposium	Monday, 3 June 08:30 - 09:30	<b>Perioperative management of antithrombotic therapy in ambulatory anaesthesia</b>	Flute Hall
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**Chair:**

Jeroen Hermanides (Amsterdam, Netherlands)

**Does my patient need bridging therapy?**

Tomislav Ruzman (Galway, Ireland)

**Use of new oral anticoagulants with regional anaesthesia**

Anne Godier\* (Paris, France)

**Antithrombotic therapy for eye surgery: new approaches**

Tatjana Simurina (Zadar, Croatia)

S	05S4 Symposium	Monday, 3 June 08:30 - 09:30	<b>Best practice for blood management in children</b> Symposium organised in collaboration with the European Society of Paediatric Anaesthesiology (ESPA)	Strauss 1
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**Chair:**

Nicola Disma (Genoa, Italy)

**Update on patient blood management (PBM) research in children for non-cardiac surgery**

Susan Goobie (Boston, United States)

**Update on PBM guidelines in children for cardiac surgery**

David Faraoni (Toronto, Canada)

**Diagnosing coagulopathy in children using thromboelastometry**

Andreas Machotta (Rotterdam, Netherlands)

S	08S3 Symposium	Monday, 3 June 08:30 - 09:30	<b>Omics and pain: where are we here?</b>	Agora
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**Chair:**

Winfried Meissner (Jena, Germany)

**Genomics and pain**

Bert Joosten (Maastricht, Netherlands)

**Proteomics and pain**

Esther M. Pogatzki-Zahn\* (Münster, Germany)

S	10S6 Symposium	Monday, 3 June 08:30 - 09:30	<b>The role of ultrasound in acute cardiac care monitoring</b>	Lehar 1
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**Chair:**

Thomas Scheeren\* (Groningen, Netherlands)

**In cardiac arrest**

Raoul Breitzkreutz (Frankfurt, Germany)





**In acute heart failure and cardiogenic shock**

Fabio Guarracino (Pisa, Italy)

**For regional hemodynamic assessment**

Antoine Vieillard-Baron\* (Paris, France)



S	13S7 Symposium	Monday, 3 June 08:30 - 09:30	<b>A U.S. perspective on subspecialty best practices and latest guidelines</b> Symposium organised by the American Society of Anesthesiologists (ASA)	Violin Hall
			<p><b>Chair:</b> Joy Hawkins (Aurora, United States)</p> <hr/> <p><b>Update on neuroanaesthesia</b> Sulpicio G. Soriano (Boston, United States)</p> <hr/> <p><b>Update on regional anaesthesia</b> Meg Rosenblatt (New York, United States)</p> <hr/> <p><b>Update on obstetric anaesthesia</b> Joy Hawkins (Aurora, United States)</p> <hr/>	
L	14L2 Lecture	Monday, 3 June 08:30 - 09:15	<b>Patient safety in European anaesthesiology and the impact of the Helsinki Declaration</b>	Schubert 5
			<p><b>Chair:</b> Johannes Wacker (Zürich, Switzerland)</p> <hr/> <p><b>Speaker:</b> Andrew Fairley Smith* (Lancaster, United Kingdom)</p> <hr/>	
S	16S6 Symposium	Monday, 3 June 08:30 - 09:30	<b>Teaching the future specialists in anaesthesiology</b> Symposium organised by the National Anaesthesiologists Societies Committee (NASC)	Strauss 2
			<p><b>Chair:</b> Serban-Ion Bubenek-Turconi (Bucharest, Romania) Andreas Sandner-Kiesling (Graz, Austria)</p> <hr/> <p><b>Teaching evidence based medicine and management of uncertainty for decision making</b> Dan Longrois (Paris, France)</p> <hr/> <p><b>Teaching the (future) teachers</b> Vojislava Neskovic (Belgrade, Serbia)</p> <hr/> <p><b>What is excellence in teaching? The point of view of trainees</b> Bernardo Matias (Setubal, Portugal)</p> <hr/>	
				

<b>S</b>	ESAS10 Symposium	Monday, 3 June 08:30 - 09:30	<b>Residual complications and pulmonary complications: the POPULAR study</b> Symposium organised by the ESA Research Committee	Stolz
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**Chair:**

Anil Gupta (Stockholm, Sweden)

**Clinical consequences of POPULAR study for daily practice**

Hans Donald De Boer\* (Groningen, Netherlands)

**The POPULAR results**

Manfred Blobner\* (Munich, Germany)

**Neuromuscular management after POPULAR: did we do wrong in the past?**

Thomas Fuchs-Buder\* (Nancy, France)

<b>S</b>	03S4 Symposium	Monday, 3 June 09:30 - 10:30	<b>Regional anaesthesia: past, present, future</b>	Piano Hall
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**Chair:**

Peter Marhofer (Vienna, Austria)

**Regional anaesthesia: past**

Peter Marhofer (Vienna, Austria)

**Regional anaesthesia: present**

Gerhard Fritsch (Vienna, Austria)

**Regional anaesthesia: future**

Manfred Greher (Vienna, Austria)

<b>L</b>	01L6 Lecture	Monday, 3 June 09:45 - 10:30	<b>Hot Topics in Anaesthesiology - Last 12 months' top publications</b>	Violin Hall
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**Chair:**

Charles Marc Samama (Paris, France)

**Speaker:**

Andreas Hoeft (Bonn, Germany)

<b>RC</b>	01RC2 Refresher Course	Monday, 3 June 09:45 - 10:30	<b>Fluids, blood and oxygen: friends or foes?</b>	Strauss 1
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**Chair:**

Bernd Saugel\* (Hamburg, Germany)

**Speaker:**

Thomas Scheeren\* (Groningen, Netherlands)

L	05L1 Lecture	Monday, 3 June 09:45 - 10:30	<b>From acute to chronic pain in children</b>	Cello Hall
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**Chair:**  
Laszlo Vutskits (Geneva, Switzerland)

**Speaker:**  
Suellen Walker (London, United Kingdom)

ME	06ME1 Meet the Expert	Monday, 3 June 09:45 - 10:30	<b>A practical approach to TBI in the ICU</b> Session organised by the Trainee Committee	Trainee Booth
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**Chair:**  
Matija Majic (Zagreb, Croatia)

**Speaker:**  
Aeyal Raz\* (Madison, United States)

RC	07RC2 Refresher Course	Monday, 3 June 09:45 - 10:30	<b>Trans-catheter Aortic Valve insertion (TAVI) in 2019: an update</b>	Stolz
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**Chair:**  
Bernard Cholley\* (Paris, France)

**Speaker:**  
Benedikt Preckel\* (Amsterdam, Netherlands)

ME	11ME2 Meet the Expert	Monday, 3 June 09:45 - 10:30	<b>Tracheal introducers and airway catheters: tips and tricks</b>	Schubert 5
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**Chair:**  
Ellen P. O'Sullivan (Dublin, Ireland)

**Tracheal introducers and airway catheters: how and when?**  
Massimiliano Sorbello\* (Catania, Italy)

**Tracheal introducers and airway catheters: pitfalls and dangers**  
Iljaz Hodzovic\* (Cardiff, United Kingdom)

PBLD

11PBLD1  
Problem Based  
Learning  
Discussion

Monday, 3 June  
09:45 - 10:30

### A difficult airway case: is prediction still important?

Agora



**Chair:**

Pedro Charco (Valencia, Spain)

**To predict or not to predict? That is the question.**

Ayten Saracoglu (Istanbul, Turkey)

RC

11RC1  
Refresher Course

Monday, 3 June  
09:45 - 10:30

### Protecting the lungs and the diaphragm: a new paradigm in mechanical ventilation

Lehar 1

Young Teaching Recognition Award winner 2018



**Chair:**

Robert Greif\* (Bern, Switzerland)

**Speaker:**

Tom Schepens (Edegem, Belgium)

L

13L4  
Lecture

Monday, 3 June  
09:45 - 10:30

### Postoperative opioid induced respiratory depression, is it really a problem? Results of PRODIGY and beyond

Strauss  
2

Late-Breaking Session



**Chair:**

Daniela Ionescu\* (Cluj-Napoca, Romania)

**Speaker:**

Wolfgang Buhre\* (Maastricht, Netherlands)

L

ESAL2  
Lecture

Monday, 3 June  
09:45 - 10:30

### New developments in Asian anaesthesia

Flute Hall

Session organised by the Japanese Society of Anesthesiologists (JSA) and the Korean Society of Anesthesiologists (KSA)



**Chair:**  
TBA

**Anesthetic management and the role of anesthesiologists for intraoperative monitoring of motor evoked potentials**

Masahiko Kawaguchi (Nara, Japan)

**Postoperative pain control modalities for living liver donors**

Justin Ko (Seul, South Korea)

S	03S5 Symposium	Monday, 3 June 11:00 - 12:00	<b>Regional anaesthesia for ambulatory surgery</b>	Stolz
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**Chair:**

Tatiana Sidiropoulou (Athens, Greece)

**Shoulder arthroscopic surgery**

Morne Wolmarans (Norwich, United Kingdom)

**Anterior cruciate ligament reconstruction**

Pia Jæger (Copenhagen, Denmark)

**Foot surgery**

Luc Sermeus\* (Edegem, Belgium)

L	04L2 Lecture	Monday, 3 June 11:00 - 11:45	<b>Hot Topics in Obstetric Analgesia and Anaesthesia - Last 12 months' top publications</b>	Violin Hall
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**Chair:**

Carolyn Weiniger (Tel Aviv, Israel)

**Speaker:**

Dominique Chassard (Bron, France)

S	07S7 Symposium	Monday, 3 June 11:00 - 12:00	<b>Neuromonitoring during cardiovascular anaesthesia</b> Symposium organised in collaboration with the European Association of Cardiothoracic Anaesthesiology (EACTA)	Strauss 2
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European Association of Cardiothoracic Anaesthesiologists



**Chair:**

Stefan De Hert (Ghent, Belgium)

Fabio Guarracino (Pisa, Italy)

**Depth of anesthesia monitoring**

Mona Momeni\* (Brussels, Belgium)





**Is there a place for NIRS in tissue oxygenation monitoring?**

Caroline Vanpeteghem (Gent, Belgium)

**How to assess spinal ischemia**

Paolo Zanatta (Treviso, Italy)

**Discussion**

S	10S7 Symposium	Monday, 3 June 11:00 - 12:00	<b>Ventilation strategies during cardiopulmonary resuscitation (CPR)</b>	Strauss 1
		<b>Chair:</b> Kurt Ruetzler (Cleveland, United States)	<b>Pulmonary aspiration during CPR</b> Kurt Ruetzler (Cleveland, United States)	
		<b>How should we ventilate?</b> Giacomo Grasselli* (Milan, Italy)	<b>Endotracheal tube versus supraglottic airway</b> Ayten Saracoglu (Istanbul, Turkey)	
S	11S3 Symposium	Monday, 3 June 11:00 - 12:00	<b>Assisted ventilation in the intensive care unit: from fixed support to proportional ventilation</b>	Lehar 1
		<b>Chair:</b> Gary Mills (Sheffield, United Kingdom)	<b>Is pressure support ventilation (PSV) still the gold standard?</b> Salvatore Grasso* (Bari, Italy)	
		<b>Proportional assist ventilation (PAV): from theory to practice</b> Alexandre Demoule* (Paris, France)	<b>Neural adjusted ventilator assist (NAVA): a new paradigm?</b> Lucia Mirabella (Foggia, Italy)	
S	11S5 Symposium	Monday, 3 June 11:00 - 12:00	<b>Current trends and debates in airway research</b> Late-Breaking Session	Schubert 5
		<b>Chair:</b> Robert Greif* (Bern, Switzerland) Massimiliano Sorbello* (Catania, Italy)	<b>Key publications about predicting a difficult airway</b> Anders Kehlet Noerskov (Copenhagen N, Denmark)	
		<b>Key publications about intubation in ICU</b> Olivier Langeron* (PARIS, France)	<b>Key publications about FiO2 in perioperative practice</b> Francisco Javier Belda Nacher (VALENCIA, Spain)	

S	12S3 Symposium	Monday, 3 June 11:00 - 12:00	<b>Is there a superior transfusion algorithm?</b>	Flute Hall
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**Chair:**

Christa Boer (Amsterdam, Netherlands)

**Bias and confounders in the haemostasis and transfusion literature**

Christa Boer (Amsterdam, Netherlands)

**Does cerebral oximetry help in transfusion protocols?**

Matthias Heringlake\* (Kiel, Germany)

**Tranexamic acid for all bleeding patients**

Karim Brohi (London, United Kingdom)

S	ESAS8 Symposium	Monday, 3 June 11:00 - 12:00	<b>ESA Clinical Trials Network (CTN): Research in action</b> Symposium organised by the ESA Research Committee	Agora
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**Chair:**

Alexander Zarbock\* (Münster, Germany)

**Concept of Clinical Trial Network and success of past studies**

Wolfgang Buhre\* (Maastricht, Netherlands)

**OBTAIN CTN Study: occurrence of bleeding and thrombosis during antiplatelet therapy in non-cardiac surgery**

Simon Howell (Leeds, United Kingdom)

**PROBESE CTN Study: protective ventilation with higher versus lower PEEP during general anaesthesia for surgery in obese patients**

Marcelo Gama de Abreu\* (Dresden, Germany)

S	ESAS9 Symposium	Monday, 3 June 11:00 - 12:00	<b>Sustainability: not only in the operating room!</b>	Cello Hall
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**Chair:**

Sinikka Münte (Helsinki, Finland)

Pierre Albaladejo\* (Grenoble, France)

**Fostering low carbon healthcare**

Herwig Gerlach (Berlin, Germany)

**Sustainability initiatives in the United Kingdom and at the Royal College of Anaesthetists**

J. M. Tom Pierce (Southampton, United Kingdom)

**Fast-tracking as an opportunity for greening!**

Helene Beloeil (Rennes, France)



<b>RC</b>	07RC3 Refresher Course	Monday, 3 June 14:00 - 14:45	<b>Haemodynamic goal-directed therapy : are closed-loop systems the future?</b> Young Teaching Recognition Award winner 2018	Strauss 1
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**Chair:**  
 Jean-Luc Fellahi (Lyon, France)

**Speaker:**  
 Sean Coeckelenbergh (Brussels, Belgium)

<b>S</b>	10S8 Symposium	Monday, 3 June 14:00 - 15:00	<b>The role of emergency non-invasive ventilation</b>	Stolz
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**Chair:**  
 Luca Brazzi (Turin, Italy)

**The role of emergency non-invasive ventilation**  
 John Laffey (Galway, Ireland)

**The CO2 rebreathing problem**  
 Giuseppe Foti\* (Monza, Italy)

**High-flow nasal cannula**  
 Sharon Einav (Jerusalem, Israel)

<b>S</b>	10S9 Symposium	Monday, 3 June 14:00 - 15:00	<b>Trauma - State of the art</b> Symposium organised by the European Trauma Course Organisation (ETCO)	Strauss 2
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**Chair:**  
 Catherine Heim (Lausanne, Switzerland)

**Damage control for anaesthesiologists**  
 Karim Brohi (London, United Kingdom)

**The European Trauma Course - 10 years down the line**  
 Karl-Christian Thies (Greifswald, Germany)






<b>D</b>	11D1 Pro & Con Debate	Monday, 3 June 14:00 - 15:00	<b>Positive end-expiratory pressure (PEEP) should always be used: Pro-Con</b>	Agora
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**Chair:**  
 Paolo Pelosi (Genoa, Italy)

**Pro**  
 Christian Putensen (Bonn, Germany)

**Con**  
 Marcus Schultz (Amsterdam, Netherlands)

S	12S4 Symposium	Monday, 3 June 14:00 - 15:00	<b>Update of the European guidelines for the management of bleeding and coagulopathy: what's new in diagnostics and treatment</b>	Cello Hall
		<b>Chair:</b> Patrick Meybohm* (Frankfurt, Germany)	<b>Surgical aspects of the bleeding trauma patient</b>	
		Marc Maegele* (Cologne, Germany)	<b>Conventional coagulation management vs. goal directed coagulation management</b>	
		Rolf Rossaint* (Aachen, Germany)	<b>Red blood cell (RBC) transfusion: what is evidence-based?</b>	
		Donat Spahn* (Zürich, Switzerland)		
S	13S8 Symposium	Monday, 3 June 14:00 - 15:00	<b>New vistas on overcoming failure to rescue</b>	Violin Hall
		<b>Chair:</b> Johannes Wacker (Zürich, Switzerland)	<b>Understanding failure to rescue</b>	
		Maria Wittmann (Bonn, Germany)	<b>Using wireless monitoring for early detection of postoperative complications (SHEPHERD trial)</b>	
		Benedikt Preckel* (Amsterdam, Netherlands)	<b>Postoperative visit and monitoring - lessons learned from TRACE and PRODIGY</b>	
		Wolfgang Buhre* (Maastricht, Netherlands)		
S	16S7 Symposium	Monday, 3 June 14:00 - 15:00	<b>Implications of the updated European Training Requirement (ETR)</b> Symposium organised by the European Board of Anaesthesiology (EBA)	Lehar 1
		<b>Chair:</b> Goetz Geldner (Ludwigsburg, Germany)	<b>Introduction of the updated ETR</b>	
		Olegs Sabelnikovs (Riga, Latvia)	<b>The impact of the EDAIC and the ETR on the European anaesthesiologist</b>	
		Andrey Varvinskiy* (Torquay, United Kingdom)	<b>The impact of the HVTAP and the ETR on the European anaesthesiologist</b>	
		Valentina Almeida (Coimbra, Portugal)		

S	ESAS11 Symposium	Monday, 3 June 14:00 - 15:00	<b>ESA support to researchers: the ESA grants</b> Symposium organised by the ESA Research Committee	Schubert 5
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**Chair:**

Thomas Fuchs-Buder\* (Nancy, France)

**Submitting an application for an ESA research grant**

Donal J. Buggy (Dublin, Ireland)

**CTN Grants proposed by ESA - Update on the studies currently recruiting centres**

Giovanna Lurati Buse\* (Düsseldorf, Germany)

**Research support for young members: ESA Young Investigator Grant and masterclasses**

Thomas Fuchs-Buder\* (Nancy, France)

L	08L1 Lecture	Monday, 3 June 14:15 - 15:00	<b>Hot Topics in Pain Medicine: Last 12 months' top publications</b>	Piano Hall
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**Chair:**

Esther M. Pogatzki-Zahn\* (Münster, Germany)

**Acute pain**

Patricia Lavandhomme (Brussels, Belgium)

**Chronic pain**

Marc René Suter (Lausanne, Switzerland)

S	05S5 Symposium	Monday, 3 June 15:30 - 16:30	<b>Paediatric anaesthesia and neurological outcome: the GAS Study</b> Late-Breaking Session	Strauss 2
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**Chair:**

Laszlo Vutskits (Geneva, Switzerland)

**The GAS Study results**

Nicola Disma (Genoa, Italy)

**Rationale for the neurological outcomes**

Liam Dorris (Glasgow, United Kingdom)

**The need for future research**

Marry Ellen McCann (Boston, United States)

L	06L1 Lecture	Monday, 3 June 15:30 - 16:15	<b>Hot Topics in Neuroanaesthesia - Last 12 months' top publications</b>	Stolz
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**Chair:**

Alexander Zlotnik (Beer-Sheva, Israel)

**Speaker:**

Martin Söhle\* (Bonn, Germany)

<b>RC</b>	07RC4 Refresher Course	Monday, 3 June 15:30 - 16:15	<b>Extracorporeal membrane oxygenation (ECMO): indications, techniques and limitations</b>	Flute Hall
			<b>Chair:</b> Christian Putensen (Bonn, Germany) <hr/> <b>Speaker:</b> Bernard Cholley* (Paris, France)	
<b>S</b>	11S4 Symposium	Monday, 3 June 15:30 - 16:30	<b>Highlights in anaesthesia for thoracic surgery</b> Symposium organised by the Brazilian Society of Anesthesiology (SBA)	Cello Hall
			<b>Chair:</b> Chiara Scaglioni Tessmer Gatto (Sao Paolo, Brazil ) <hr/> <b>Airway management and monopulmonary ventilation: tips and tricks</b> Chiara Scaglioni Tessmer Gatto (Sao Paolo, Brazil ) <hr/> <b>One-lung ventilation</b> Raffael Pereira Cezar Zamper (Sao Paolo, Brazil) <hr/> <b>Postoperative analgesia</b> Gustavo Rodrigues Costa Lages (Belo Horizonte, Brazil )	
				
<b>S</b>	14S4 Symposium	Monday, 3 June 15:30 - 16:30	<b>Detecting and eliminating medication errors</b>	Strauss 1
			<b>Chair:</b> Johannes Wacker (Zürich, Switzerland) <hr/> <b>Medication without harm - WHO's third global patient safety challenge</b> Simon Peitersen (Geneva, Switzerland) <hr/> <b>Medication errors - Lessons learnt from the SENSAR incident database</b> Daniel Arnal* (Alcorcon, Spain) <hr/> <b>From labelling to prefilled syringes and beyond - Medication safety in anaesthesiology</b> David Whitaker* (Manchester, United Kingdom)	
				

S	16S8 Symposium	Monday, 3 June 15:30 - 16:30	<b>Education in the future...</b>	Lehar 1
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**Chair:**

Leila Niemi-Murola (Helsinki, Finland)

**Which competencies do anaesthesiologists and their team members need in 2025?**

Anu Kajamaa (Helsinki, Finland)

**Artificial Intelligence: what are the possibilities and how can it support us?**

Markus Leskinen (Helsinki, Finland)

**Adaptive learning: a skill of the anaesthesiologist 2.0?**

Claus Bierman (Copenhagen, Denmark)

S	ESAS12 Symposium	Monday, 3 June 15:30 - 16:30	<b>Newest ESA guidelines presentation</b> Symposium organised by the ESA Guidelines Committee	Piano Hall
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**Chair:**

Arash Afshari (Copenhagen, Denmark)

**Guidelines on ultrasound-guided vascular access and regional blocks**

Massimo Lamperti (Abu Dhabi, United Arab Emirates)

**Guidelines on non-invasive respiratory support for hypoxemic patient**

Marc Leone\* (Marseille, France)

S	ESAS13 Symposium	Monday, 3 June 15:30 - 16:30	<b>Historical appreciation of refugees from Austria in the years 1938-1945 and their achievements in the field of anaesthesia, critical care, pain medicine and emergency medicine</b> Symposium organised by the National Organising Committee (NOC)	Violin Hall
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**Chair:**

Klaus Markstaller (Vienna, Austria)

Sharon Einav (Jerusalem, Israel)

**National socialism and the consequences for the Viennese medical community**

Markus Müller (Vienna, Austria)

**Viennese Medical Scientists pertaining to Anaesthesia affected by the "Anschluss" 1938**

Franz X. Lackner (Vienna, Austria)

**Anaesthesia under national socialism**

Michael Goerig (Hamburg, Germany)

### **ESA policy regarding conflicts of interest**

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Participants who have declared a 'conflict of interest' are indicated with an asterisk (\*) next to their name. The presenters and the chairs of the sessions must disclose without fail all potential conflicts of interest, verbally and/or visually (slide for the presenter) at the beginning of their presentation.





*Programme last update 27 May 2019*