



PRE-CONGRESS COURSES AND WORKSHOPS

CC	AIRC Pre-congress Course	Friday, 1 June 09:00 - 18:00	Current concepts in airway management - Pre-congress course organised in collaboration with the European Airway Management Society (EAMS) **IMPORTANT NOTICE: access is limited to pre-registered delegates	Lilac Room
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Chair:

Ellen P. O'Sullivan (Dublin, Ireland)
Lorenz Gregor Theiler (Bern, Switzerland)
Arnd Timmermann (Berlin, Germany)
Robert Greif* (Bern, Switzerland)
Michael Seltz Kristensen (Copenhagen, Denmark)

Introduction and welcome

Arnd Timmermann (Berlin, Germany)
Lorenz Gregor Theiler (Bern, Switzerland)
Ellen P. O'Sullivan (Dublin, Ireland)
Robert Greif* (Bern, Switzerland)

Introduction to... (including learning objectives & introduction of tutors)

- ...supraglottic airways

Ana Maria Lopez Gutiérrez* (Barcelona, Spain)

- ...flexible optical intubation

Paul Andrew Baker* (Auckland, New Zealand)

- ...intubation over supraglottic airway

Kemal Tolga Saracoglu (Istanbul, Turkey)

- ...lung isolation techniques

Gabriele Casso (Lugano, Switzerland)

- ...direct laryngoscopy, styles and extubation aids

Massimiliano Sorbello* (Catania, Italy)

- ...videolaryngoscopy

Rüdiger Noppens (London, Canada)

- ...ultrasound evaluation of the airway

Michael Seltz Kristensen (Copenhagen, Denmark)

- ...front of neck access techniques

Maren Kleine-Brueggeny (London, United Kingdom)

- ...ventilation through small lumen catheters

Dietmar Enk* (Münster, Germany)

- ...airway simulation

Johannes Huitink (Amsterdam, Netherlands)

Coffee break

Workshop Part 1 - 3 skill stations

Lunch break



Morbidity and mortality of airway management

Anil Patel (London, United Kingdom)

Pre-operative assessment and strategies

Carin A. Hagberg (Houston, United States)

Workshop Part 2 - 3 skill stations

Coffee break

Small airways – big problems? (The paediatric difficult airway)

Thomas Engelhardt (Aberdeen, United Kingdom)

Lost in transition: the challenges of moving from non-surgical airway to front-of-neck access

Nicholas Chrimes (Melbourne, Australia)

Workshop Part 3 - 3 skill stations

Summary statements and closing remarks

Lorenz Gregor Theiler (Bern, Switzerland)

Arnd Timmermann (Berlin, Germany)

SKILL STATIONS:

Station 1A - Supraglottic devices: flexible SGA and oesophageal closing tubes

Ana Maria Lopez Gutiérrez* (Barcelona, Spain)

Daniela Godoroja (Bucharest, Romania)

Station 1B - Generation SGA / Advanced uses

Anil Patel (London, United Kingdom)

Station 2A - Flexible optic intubation - nasal & oral techniques

Carin A. Hagberg (Houston, United States)

Ellen P. O'Sullivan (Dublin, Ireland)

Station 2B - Flexible optic intubation - simulation

Paul Andrew Baker* (Auckland, New Zealand)

Kamil Toker (Istanbul, Turkey)

Station 3 - Intubation through supraglottic device

Kemal Tolga Saracoglu (Istanbul, Turkey)

Hulya Bilgin (Bursa, Turkey)

Station 4 - Lung isolation techniques

Gabriele Casso (Lugano, Switzerland)

Niels Erik Ove Andersen* (Copenhagen, Denmark)

Station 5 - Direct laryngoscopy, intubation and extubation aids and stylets

Robert Greif* (Bern, Switzerland)

Massimiliano Sorbello* (Catania, Italy)

Station 6A - Indirect (video-)laryngoscopy, adult

Rüdiger Noppens (London, Canada)

Volker Dörger* (Kiel, Germany)

Station 6B - Direct and indirect laryngoscopy, paediatric

Iljaz Hodzovic (Cardiff, United Kingdom)

Thomas Engelhardt (Aberdeen, United Kingdom)

Station 7A - Ultrasonography in airway management

Michael Seltz Kristensen (Copenhagen, Denmark)

Station 7B - Miscellaneous / Airway aids

Station 8A - Front of neck access: needle and surgical techniques

Maren Kleine-Brueggeny (London, United Kingdom)

Tomasz Gaszynski* (Lodz, Poland)



Station 8B - Front of neck access: JET ventilation, Expiratory Ventilation Assistance (EVA)

Dietmar Enk* (Münster, Germany)

Pedro Charco (Valencia, Spain)

Station 9A - Simulation: difficult airway case A

Johannes Huitink (Amsterdam, Netherlands)

Dick van Groeningen (Amsterdam, Netherlands)

Station 9B - Simulation: difficult airway case B

Nicholas Chrimes (Melbourne, Australia)

CC

APRICOT
Pre-congress
Course

Friday, 1 June
09:00 - 18:00

“Out of APRICOT”: prevention, early identification and treatment of critical events in children undergoing anaesthesia

**IMPORTANT NOTICE: access is limited to pre-registered delegates

Red
Room 1

HELSINKI
DECLARATION

Chair:

Francis Veyckemans (Lille, France)

Nicola Disma (London, United Kingdom)

Introduction

Walid Habre* (Geneva, Switzerland)

Basics:

Preoperative assessment (identifying risk factors)

Francis Veyckemans (Lille, France)

Airway management algorithm

Claudia Hoehne (Leipzig, Germany)

Perioperative IV fluids

Karin Becke (Nuremberg, Germany)

Monitoring

Francis Veyckemans (Lille, France)

Discussions

Coffee break

Cardiac arrest: diagnosis and treatment during anaesthesia

Ignacio Galvez Escalera* (Palma de Mallorca, Spain)

Volaemia and blood pressure

Laszlo Vutskits (Geneva, Switzerland)

Regional anaesthesia techniques: the basics

Per-Arne Lönnqvist (Stockholm, Sweden)

Recovery: post-anaesthesia complications

Walid Habre* (Geneva, Switzerland)

Discussions

Lunch break

Problem-based learning

1- Difficult intubation

Claudia Hoehne (Leipzig, Germany)

2- Laryngospasm, bronchospasm, aspiration: diagnosis and treatment (CBD)

Karin Becke (Nuremberg, Germany)

3- Vascular access

Laszlo Vutskits (Geneva, Switzerland)



4- Cardiac arrest: APLS

Ignacio Galvez Escalera* (Palma de Mallorca, Spain)

5- Regional anaesthesia

Per-Arne Lönnqvist (Stockholm, Sweden)

CC	CADLAB Pre-congress Course	Friday, 1 June 13:30 - 17:00	Life saving invasive procedures in critical emergency medicine (CREM) **IMPORTANT NOTICE: access is limited to pre-registered delegates	Copenhagen University - Panum
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Chair:

Karl-Christian Thies (Greifswald, Germany)
 Alistair Mountain (Stoke-on-Trent, United Kingdom)

Introduction

Intra-osseous vascular access (EZ-IO)

Tourniquet application

Pelvic stabilisation and pelvic packing

Surgical airway

Thoracostomy, chest tube

Pericardiocentesis

Resuscitative thoracotomy

Femoral vessel access for Extra-Corporeal Life Support (ECLS)

Faculty:

Kurt Ruetzler (Cleveland, United States)
 Mauro Zago (Bergamo, Italy)
 Carlos Mesquita (Coimbra, Portugal)
 Hayato Kurihara (Milan, Italy)
 Jochen Hinkelbein (Cologne, Germany)
 Jonathan Tilsed (Hull, United Kingdom)
 Ayten Saracoglu (Istanbul, Turkey)
 Catherine Heim (Lausanne, Switzerland)
 Ben Clark (Stoke-on-Trent, United Kingdom)

CC	ECHOC Pre-congress Course	Friday, 1 June 09:00 - 18:00	Ultrasound use in anaesthesia and critical care **IMPORTANT NOTICE: access is limited to pre-registered delegates	Hall A3
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Chair:

Patrick Wouters (Gent, Belgium)

Hands-on stations:

1- FATE: Focus Assessed Transthoracic Echocardiography (basic and advanced techniques)

2- Lung US: Lung Ultrasound (and pleura)

3- FAST: Focused Assessment with Sonography for Trauma

4- TEE: Trans-Esophageal Echocardiography



Faculty:

Stefanie Bruemmer-Smith (Brighton, United Kingdom)
 Henry Skinner (Nottingham, United Kingdom)
 Aarne Feldheiser (Berlin, Germany)
 Nick Fletcher (London, United Kingdom)
 Fabio Guarracino* (Pisa, Italy)
 Ravi Hebballi (Birmingham, United Kingdom)
 Michael Sander (Giessen, Germany)
 Sascha Treskatsch (Berlin, Germany)
 Patrick Wouters (Gent, Belgium)
 Peter Juhl-Olsen (Aarhus, Denmark)
 Michael Schupp (Leicester, United Kingdom)
 Stefaan Bouchez (Gent, Belgium)
 Johan Bence (Leicester, United Kingdom)
 Dominique A. Bettex (Zurich, Switzerland)
 Raoul Breitzkreutz (Frankfurt, Germany)
 Stefan Weber (Bonn, Germany)

CC

ESPCOPC
Pre-congress
Course

Friday, 1 June
09:00 - 16:30

Anaesthesia for the morbidly obese patient - Key issues - Pre-congress course organised by the European Society for Perioperative Care of the Obese Patient (ESPCOP)

Red
Room 2

**IMPORTANT NOTICE: access is limited to pre-registered delegates



Chair:

Luc De Baerdemaeker (Gent, Belgium)
 Michael Margaron* (Chichester, United Kingdom)

Introduction and background:

Anaesthetic disasters and obesity: The Ten Tip Top Tips...

Jonathan Cousins (London, United Kingdom)

BMI & fat distribution

Michael Margaron* (Chichester, United Kingdom)

Drug dosing in the morbidly obese

Luc De Baerdemaeker (Gent, Belgium)

Questions and discussion

The impact of obesity:

The metabolic syndrome

Cardiovascular effects of obesity

Philippa Fabb (Portsmouth, United Kingdom)

Respiratory effects of obesity

Questions and discussion

Coffee break

Sleep apnoea:

Pathophysiology and mechanisms

Philippa Fabb (Portsmouth, United Kingdom)

Screening and treatment

Michael Margaron* (Chichester, United Kingdom)

Perioperative pitfalls

Jan Paul Mulier (Brugge, Belgium)



Questions and discussion

Preoperative assessment to reduce risk:

Cardiac risk and assessment

Philippa Fabb (Portsmouth, United Kingdom)

The anaesthetist and the MDT: Risk-benefit judgements

Michael Margaron* (Chichester, United Kingdom)

Fasting guidelines in the obese

Luc De Baerdemaeker (Gent, Belgium)

Questions and discussion

Lunch break

Airways and ventilation:

How to safely intubate and extubate the obese patient

Daniela Godoroja (Bucharest, Romania)

Pulmonary mechanics and ventilation in the obese

The pneumoperitoneum

Jan Paul Mulier (Brugge, Belgium)

Post-op care and thromboprophylaxis

Jonathan Cousins (London, United Kingdom)

Coffee break

Anaesthetic systems and special cases:

The ideal analgesic technique?

Michael Margaron* (Chichester, United Kingdom)

The ideal anaesthetic technique?

Jonathan Cousins (London, United Kingdom)

A bad day at the office – When things go wrong

Jan Paul Mulier (Brugge, Belgium)

Multiple Choice Questions: questions and answers

Michael Margaron* (Chichester, United Kingdom)

Luc De Baerdemaeker (Gent, Belgium)

Interactive voting

Panel of speakers

CC

ETHIC
Pre-congress
Course

Friday, 1 June
13:00 - 18:00

Leadership, ethical practice and conflict resolution

**IMPORTANT NOTICE: access is limited to pre-registered delegates

Meeting
room
20

Chair:

Paul McConnell (Paisley, United Kingdom)

Hartmut Bürkle (Freiburg, Germany)

Introduction and overview

Paul McConnell (Paisley, United Kingdom)

Group work: Principles of biomedical ethics, mutability of ethical practice and moral sense in different jurisdictions

Michael Roddis (Beckenham, United Kingdom)

Ethical conflict and moral leadership

Michael Roddis (Beckenham, United Kingdom)



Group work

End of life care and the principle of futility

Paul McConnell (Paisley, United Kingdom)

Case study: End of life care

Claire McLaughlan (Stockbridge, United Kingdom)

Michael Roddis (Beckenham, United Kingdom)

Paul McConnell (Paisley, United Kingdom)

Hartmut Bürkle (Freiburg, Germany)

Coffee break

Conflict resolution: dealing with different views on treatment among colleagues

Claire McLaughlan (Stockbridge, United Kingdom)

Case study continued. Discussions in the team

Claire McLaughlan (Stockbridge, United Kingdom)

Michael Roddis (Beckenham, United Kingdom)

Paul McConnell (Paisley, United Kingdom)

Hartmut Bürkle (Freiburg, Germany)

Conflict resolution: understanding the carers' perspective

Claire McLaughlan (Stockbridge, United Kingdom)

Case study continued. Discussions with the family

Claire McLaughlan (Stockbridge, United Kingdom)

Michael Roddis (Beckenham, United Kingdom)

Paul McConnell (Paisley, United Kingdom)

Hartmut Bürkle (Freiburg, Germany)

Group work

Close of session

W	EXAMW Workshop	Monday, 4 June 15:00 - 17:30	Examiners Training Day **IMPORTANT NOTICE: access is limited to pre-registered examiners	Hall A3
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Chair:

Andrey Varvinskiy* (Torquay, United Kingdom)

Introduction and EDAIC overview

Andrey Varvinskiy* (Torquay, United Kingdom)

Equality and diversity

Andrey Varvinskiy* (Torquay, United Kingdom)

How to be a bad examiner

Zeev Goldik (Haifa, Israel)

How to be a good examiner

Wolfram Engelhardt (Offenburg, Germany)

New exam marking system

Mario Zerafa (Msida, Malta)

Mock exam (pre-recorded video) marking exercise

Questions and answers



CC	HAEMOC Pre-congress Course	Friday, 1 June 12:00 - 18:00	Point of care guided haemostatic management during massive bleeding **IMPORTANT NOTICE: access is limited to pre-registered delegates	Turquoise Room
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**HELSINKI
DECLARATION**

Chair:

Christian Fenger-Eriksen (Aarhus, Denmark)

Welcome

Christian Fenger-Eriksen (Aarhus, Denmark)

Pathophysiology of coagulation during bleeding

Christian Fenger-Eriksen (Aarhus, Denmark)

Monitoring of coagulation during bleeding (standard lab versus point-of-care)

Aamer B. Ahmed (Leicester, United Kingdom)

Lunch Break

Monitoring of platelet function before and during surgery

Aamer B. Ahmed (Leicester, United Kingdom)

Monitoring and reversal of Direct Oral AntiCoagulant (DOAC) therapy

Alexander Vlaar (Amsterdam, Netherlands)

How to handle the patient with pre-operative anaemia

Christian von Heymann (Berlin, Germany)

Transfusion strategies and micro-circulatory oxygenation

Christa Boer (Amsterdam, Netherlands)

Break

Massive transfusion protocols - or not

Dietmar Fries* (Innsbruck, Austria)

When and how to use haemostatic agents

Dietmar Fries* (Innsbruck, Austria)

Prevention of venous thromboembolism

Charles Marc Samama* (Paris, France)

Break

Hands-on training (point of care coagulation analyzers – theory, practical issues and cases)

CC	PAEDC Pre-congress Course	Friday, 1 June 09:00 - 18:00	Ultrasound use in neonates and children **IMPORTANT NOTICE: access is limited to pre-registered delegates	Yellow Room 1
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Chair:

Nicola Disma (London, United Kingdom)

Mauro Pittiruti (Rome, Italy)

Introduction to the course

Nicola Disma (London, United Kingdom)

Mauro Pittiruti (Rome, Italy)

Session 1 - Ultrasound for vascular access in neonates and children:

Ultrasound as a tool for assessing the venous system before the venipuncture

Nicola Disma (London, United Kingdom)

Ultrasound-guided venipuncture of deep veins

Christian Breschan (Klagenfurt, Austria)



Ultrasound for guidance of wires and catheters into the venous system (tip navigation)

Mauro Pittiruti (Rome, Italy)

Coffee break

Ultrasound for assessing the central position of the tip (tip location)

Nicola Disma (London, United Kingdom)

Ultrasound identification of immediate complications (hematomas, pneumothorax, haemothorax)

Daniele Biasucci (Rome, Italy)

Ultrasound identification of late complications (dislodgement, thrombosis, tip migration, fibroblastic sleeve)

Mauro Pittiruti (Rome, Italy)

Questions and answers

Lunch break

Session 2 - Ultrasound use in the critically ill paediatric patients:

Ultrasound in critically ill neonates and children: an overview

Nadya Yousef (Clamart, France)

Thoracic and abdominal ultrasound in paediatric trauma

Daniele Biasucci (Rome, Italy)

Lung ultrasound in the critically ill

Nadya Yousef (Clamart, France)

Coffee break

Questions and answers

Five skill stations (rotation in 5 groups):

1- Ultrasound visualisation of peripheral veins of the arm (on volunteers/model)

Nicola Disma (London, United Kingdom)

2- Ultrasound visualisation of central veins of the supra/infraclavicular area (on volunteers/model)

Mauro Pittiruti (Rome, Italy)

3- Ultrasound guided venipuncture (on simulator)

Christian Breschan (Klagenfurt, Austria)

4- The basis of lung ultrasound (on volunteers/model)

Nadya Yousef (Clamart, France)

5- Abdominal and lung ultrasound for trauma patients and ultrasound for tip location (on volunteers/model)

Daniele Biasucci (Rome, Italy)

CC

PERIC
Pre-congress
Course

Friday, 1 June
08:00 - 18:30

Perioperative medicine in daily practice

**IMPORTANT NOTICE: access is limited to pre-registered delegates

Glostrup
Hospital
Copenhagen

HELSINKI
DECLARATION

Chair:

Bernhard Walder (Geneva, Switzerland)

Welcome and registration

Introduction on perioperative medicine

Bernhard Walder (Geneva, Switzerland)

Pre-test

Bernardo Bollen Pinto (Geneva, Switzerland)

Coffee break



Management and leadership in perioperative medicine

Anna Hårdemark Cedborg* (Sköndal, Sweden)

Perioperative respiratory dysfunction

Bernhard Walder (Geneva, Switzerland)

Perioperative cardiac ischemic complications

Bernardo Bollen Pinto (Geneva, Switzerland)

Perioperative fluid management without complications

Ib Jammer (Bergen, Norway)

Perioperative management for long term survival

Michelle Chew* (Lund, Sweden)

Perioperative comfort in high-risk patients

Ole Mathiesen (Koege, Denmark)

Lunch break

Real life situations (in small groups)

Discussion of clinical cases

Bernhard Walder (Geneva, Switzerland)

Bernardo Bollen Pinto (Geneva, Switzerland)

Post-test

Bernardo Bollen Pinto (Geneva, Switzerland)

Wrap-up and diplomas

Bernhard Walder (Geneva, Switzerland)

CC	PGCC	Friday, 1 June	Postgraduate course on patient-ventilator asynchrony	Meeting room 16
	Pre-congress Course	10:00 - 12:00		

**IMPORTANT NOTICE: access is limited to pre-registered delegates

Chair:

Paolo Pelosi (Genoa, Italy)

W	SEDW	Saturday, 2 June	Target-Controlled Infusion (TCI) for sedation	Yellow Room 2
	Workshop	14:00 - 16:00		

**IMPORTANT NOTICE: access is limited to pre-registered delegates

Chair:

Michel Struys* (Groningen, Netherlands)

How TCI pumps work and how they differ from manually controlled infusion pumps. Set-up and safe use of TCI systems. Fundamentals of pharmacokinetic and pharmacodynamic models

Anthony Absalom* (Groningen, Netherlands)

Clinical examples and strategies of using TCI for procedural and loco-regional sedation. Current practice guidelines and monitoring for safe sedation.

Stefan Schraag (Clydebank, United Kingdom)

Sedated and still breathing

Michel Struys* (Groningen, Netherlands)

Intravenous infusions without TCI pumps

Questions and answers



W	SIMLAB1 Workshop	Saturday, 2 June 10:30 - 12:00	HIGH FIDELITY WORKSHOP 1 Challenging cases in anaesthesia - Crisis in the operating room: topic 1 **IMPORTANT NOTICE: access is limited to pre-registered delegates	SimSpace 1 - High Fidelity Room
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**HELSINKI
DECLARATION**

Chair:

Georges L. Savoldelli (Geneva, Switzerland)
Dan Benhamou (Paris, France)
Doris Østergaard (Herlev, Denmark)
Anne Lippert (Herlev, Denmark)

Instructors

Morgan Le Guen (Paris, France)
Domitille Dereu (Geneva, Switzerland)
Rikke Vita Borre Jacobsen (Herlev, Denmark)

W	SIMLAB10 Workshop	Sunday, 3 June 10:30 - 12:00	PROCEDURAL WORKSHOP 5 Procedural skills in perioperative medicine - Basic trans-esophageal echocardiography (TEE) for anaesthesiologists **IMPORTANT NOTICE: access is limited to pre-registered delegates	SimSpace 2 - Procedural Simulation Room
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Chair:

Georges L. Savoldelli (Geneva, Switzerland)
Dan Benhamou (Paris, France)
Doris Østergaard (Herlev, Denmark)
Anne Lippert (Herlev, Denmark)

Instructors

Paul Abraham (Lyon, France)
Virginie Dumans (Paris, France)
Lene Loevbjerg Russell (Copenhagen, Denmark)
Marc Lilot (Lyon, France)
Julien Amour (Paris, France)

W	SIMLAB11 Workshop	Sunday, 3 June 14:00 - 15:30	HIGH FIDELITY WORKSHOP 6 Challenging cases in anaesthesia - Crisis in the operating room: topic 1 **IMPORTANT NOTICE: access is limited to pre-registered delegates	SimSpace 1 - High Fidelity Room
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**HELSINKI
DECLARATION**

Chair:

Georges L. Savoldelli (Geneva, Switzerland)
Dan Benhamou (Paris, France)
Doris Østergaard (Herlev, Denmark)
Anne Lippert (Herlev, Denmark)

Instructors

Antonia Blanié (Le Kremlin-Bicêtre, France)
Amaury Govaerts (Geneva, Switzerland)
Pernille Cedergreen (Herlev, Denmark)



W	SIMLAB12 Workshop	Sunday, 3 June 14:00 - 15:30	PROCEDURAL WORKSHOP 6 Procedural skills in perioperative medicine - Ultrasound airway assessment and surgical cricothyrotomy **IMPORTANT NOTICE: access is limited to pre-registered delegates	SimSpace 2 - Procedural Simulation Room
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Chair:

Georges L. Savoldelli (Geneva, Switzerland)
Dan Benhamou (Paris, France)
Doris Østergaard (Herlev, Denmark)
Anne Lippert (Herlev, Denmark)

Instructors

Georges L. Savoldelli (Geneva, Switzerland)
Gabriele Casso (Lugano, Switzerland)
Patrick Schoettker* (Lausanne, Switzerland)
Mikael Rewers (Herlev, Denmark)
Laurie Putz (Yvoir, Belgium)
Rudolph Søren (Copenhagen, Denmark)

W	SIMLAB13 Workshop	Sunday, 3 June 16:00 - 17:30	HIGH FIDELITY WORKSHOP 7 Challenging cases in anaesthesia - Crisis in the operating room: topic 2 **IMPORTANT NOTICE: access is limited to pre-registered delegates	SimSpace 1 - High Fidelity Room
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**HELSINKI
DECLARATION**

Chair:

Georges L. Savoldelli (Geneva, Switzerland)
Dan Benhamou (Paris, France)
Doris Østergaard (Herlev, Denmark)
Anne Lippert (Herlev, Denmark)

Instructors

Antonia Blanié (Le Kremlin-Bicêtre, France)
Amaury Govaerts (Geneva, Switzerland)
Pernille Cedergreen (Herlev, Denmark)

W	SIMLAB14 Workshop	Sunday, 3 June 16:00 - 17:30	PROCEDURAL WORKSHOP 7 Procedural skills in perioperative medicine - Ultrasound airway assessment and surgical cricothyrotomy **IMPORTANT NOTICE: access is limited to pre-registered delegates	SimSpace 2 - Procedural Simulation Room
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Chair:

Georges L. Savoldelli (Geneva, Switzerland)
Dan Benhamou (Paris, France)
Doris Østergaard (Herlev, Denmark)
Anne Lippert (Herlev, Denmark)



Instructors

Georges L. Savoldelli (Geneva, Switzerland)
Gabriele Casso (Lugano, Switzerland)
Patrick Schoettker* (Lausanne, Switzerland)
Mikael Rewers (Herlev, Denmark)
Laurie Putz (Yvoir, Belgium)
Rudolph Søren (Copenhagen, Denmark)

W

SIMLAB15
Workshop

Monday, 4 June
08:30 - 10:00

HIGH FIDELITY WORKSHOP 8 Challenging cases in the Intensive Care Unit - Crisis in the ICU: focus on trauma patients

**IMPORTANT NOTICE: access is limited to pre-registered delegates

SimSpace
1 - High
Fidelity
Room

HELSINKI
DECLARATION

Chair:

Georges L. Savoldelli (Geneva, Switzerland)
Dan Benhamou (Paris, France)
Doris Østergaard (Herlev, Denmark)
Anne Lippert (Herlev, Denmark)

Instructors

Marianne Berntsen (Copenhagen, Denmark)
Dan Benhamou (Paris, France)
Sophie Hamada (Le Kremlin-Bicêtre, France)
Samy Figueiredo (Paris, France)
Marina Krintel Christensen (Koege, Denmark)

W

SIMLAB16
Workshop

Monday, 4 June
08:30 - 10:00

PROCEDURAL WORKSHOP 8 Procedural skills in perioperative medicine - Ultrasound central venous catheter placement (other than the internal jugular vein)

**IMPORTANT NOTICE: access is limited to pre-registered delegates

SimSpace
2 -
Procedural
Simulation
Room

Chair:

Georges L. Savoldelli (Geneva, Switzerland)
Dan Benhamou (Paris, France)
Doris Østergaard (Herlev, Denmark)
Anne Lippert (Herlev, Denmark)

Instructors

Julien Maillard (Geneva, Switzerland)
Bernardo Bollen Pinto (Geneva, Switzerland)
Jesper Weile (Horsens, Denmark)
Rudolph Søren (Copenhagen, Denmark)
Sélin Kivrak (Geneva, Switzerland)
Lars Knudsen* (Aarhus, Denmark)

W

SIMLAB17
Workshop

Monday, 4 June
10:30 - 12:00

HIGH FIDELITY WORKSHOP 9 Challenging cases in the Intensive Care Unit - Crisis in the ICU: focus on trauma patients

**IMPORTANT NOTICE: access is limited to pre-registered delegates

SimSpace
1 - High
Fidelity
Room



Chair:

Georges L. Savoldelli (Geneva, Switzerland)
Dan Benhamou (Paris, France)
Doris Østergaard (Herlev, Denmark)
Anne Lippert (Herlev, Denmark)

Instructors

Marianne Berntsen (Copenhagen, Denmark)
Dan Benhamou (Paris, France)
Sophie Hamada (Le Kremlin-Bicêtre, France)
Marina Krintel Christensen (Koege, Denmark)

W	SIMLAB18 Workshop	Monday, 4 June 10:30 - 12:00	PROCEDURAL WORKSHOP 9 Procedural skills in perioperative medicine - Ultrasound evaluation in trauma: the FAST exam **IMPORTANT NOTICE: access is limited to pre-registered delegates	SimSpace 2 - Procedural Simulation Room
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Chair:

Georges L. Savoldelli (Geneva, Switzerland)
Dan Benhamou (Paris, France)
Doris Østergaard (Herlev, Denmark)
Anne Lippert (Herlev, Denmark)

Instructors

Samy Figueiredo (Paris, France)
Paul Abraham (Lyon, France)
Jesper Weile (Horsens, Denmark)
Rudolph Søren (Copenhagen, Denmark)
Lars Knudsen* (Aarhus, Denmark)

W	SIMLAB19 Workshop	Monday, 4 June 14:00 - 15:30	HIGH FIDELITY WORKSHOP 10 Challenging cases in the Intensive Care Unit - Crisis in the ICU: other critical situations **IMPORTANT NOTICE: access is limited to pre-registered delegates	SimSpace 1 - High Fidelity Room
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Chair:

Georges L. Savoldelli (Geneva, Switzerland)
Dan Benhamou (Paris, France)
Doris Østergaard (Herlev, Denmark)
Anne Lippert (Herlev, Denmark)

Instructors

Dan Benhamou (Paris, France)
Thomas Mohr (Copenhagen, Denmark)
Birgitte Riis Andersen (Copenhagen, Denmark)
Sophie Hamada (Le Kremlin-Bicêtre, France)



W	SIMLAB2 Workshop	Saturday, 2 June 10:30 - 12:00	PROCEDURAL WORKSHOP 1 Procedural skills in perioperative medicine - Ultrasound guided access of peripheral veins including PICC lines **IMPORTANT NOTICE: access is limited to pre-registered delegates	SimSpace 2 - Procedural Simulation Room
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Chair:

Georges L. Savoldelli (Geneva, Switzerland)
Dan Benhamou (Paris, France)
Doris Østergaard (Herlev, Denmark)
Anne Lippert (Herlev, Denmark)

Instructors

Julien Maillard (Geneva, Switzerland)
Bernardo Bollen Pinto (Geneva, Switzerland)
Thomas Birkelund (Aarhus N, Denmark)
Kim Ekelund (Copenhagen, Denmark)
Sélin Kivrak (Geneva, Switzerland)

W	SIMLAB20 Workshop	Monday, 4 June 14:00 - 15:30	PROCEDURAL WORKSHOP 10 Procedural skills in perioperative medicine - Ultrasound evaluation in trauma: the FAST exam **IMPORTANT NOTICE: access is limited to pre-registered delegates	SimSpace 2 - Procedural Simulation Room
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Chair:

Georges L. Savoldelli (Geneva, Switzerland)
Dan Benhamou (Paris, France)
Doris Østergaard (Herlev, Denmark)
Anne Lippert (Herlev, Denmark)

Instructors

Samy Figueiredo (Paris, France)
Paul Abraham (Lyon, France)
Jesper Weile (Horsens, Denmark)
Rudolph Søren (Copenhagen, Denmark)
Lars Knudsen* (Aarhus, Denmark)

W	SIMLAB3 Workshop	Saturday, 2 June 14:00 - 15:30	HIGH FIDELITY WORKSHOP 2 Challenging cases in anaesthesia - Crisis in the operating room: topic 1 **IMPORTANT NOTICE: access is limited to pre-registered delegates	SimSpace 1 - High Fidelity Room
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**HELSINKI
DECLARATION**

Chair:

Georges L. Savoldelli (Geneva, Switzerland)
Dan Benhamou (Paris, France)
Doris Østergaard (Herlev, Denmark)
Anne Lippert (Herlev, Denmark)

Instructors

Morgan Le Guen (Paris, France)
Domitille Dereu (Geneva, Switzerland)
Rikke Vita Borre Jacobsen (Herlev, Denmark)



W	SIMLAB4 Workshop	Saturday, 2 June 14:00 - 15:30	PROCEDURAL WORKSHOP 2 Procedural skills in perioperative medicine - Ultrasound guided access of peripheral veins including PICC lines **IMPORTANT NOTICE: access is limited to pre-registered delegates	SimSpace 2 - Procedural Simulation Room
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Chair:

Georges L. Savoldelli (Geneva, Switzerland)
Dan Benhamou (Paris, France)
Doris Østergaard (Herlev, Denmark)
Anne Lippert (Herlev, Denmark)

Instructors

Julien Maillard (Geneva, Switzerland)
Bernardo Bollen Pinto (Geneva, Switzerland)
Thomas Birkelund (Aarhus N, Denmark)
Kim Ekelund (Copenhagen, Denmark)
Sélin Kivrak (Geneva, Switzerland)

W	SIMLAB5 Workshop	Saturday, 2 June 16:00 - 17:30	HIGH FIDELITY WORKSHOP 3 Challenging cases in anaesthesia - Crisis in the operating room: topic 2 **IMPORTANT NOTICE: access is limited to pre-registered delegates	SimSpace 1 - High Fidelity Room
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**HELSINKI
DECLARATION**

Chair:

Georges L. Savoldelli (Geneva, Switzerland)
Dan Benhamou (Paris, France)
Doris Østergaard (Herlev, Denmark)
Anne Lippert (Herlev, Denmark)

Instructors

Morgan Le Guen (Paris, France)
Domitille Dereu (Geneva, Switzerland)
Rikke Vita Borre Jacobsen (Herlev, Denmark)

W	SIMLAB6 Workshop	Saturday, 2 June 16:00 - 17:30	PROCEDURAL WORKSHOP 3 Procedural skills in perioperative medicine - Ultrasound central venous catheter placement (other than the internal jugular vein) **IMPORTANT NOTICE: access is limited to pre-registered delegates	SimSpace 2 - Procedural Simulation Room
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Chair:

Georges L. Savoldelli (Geneva, Switzerland)
Dan Benhamou (Paris, France)
Doris Østergaard (Herlev, Denmark)
Anne Lippert (Herlev, Denmark)



Instructors

Julien Maillard (Geneva, Switzerland)
Bernardo Bollen Pinto (Geneva, Switzerland)
Thomas Birkelund (Aarhus N, Denmark)
Kim Ekelund (Copenhagen, Denmark)
Sélin Kivrak (Geneva, Switzerland)

W	SIMLAB7 Workshop	Sunday, 3 June 08:30 - 10:00	HIGH FIDELITY WORKSHOP 4 Challenging cases in anaesthesia - Crisis in the operating room: topic 1 **IMPORTANT NOTICE: access is limited to pre-registered delegates	SimSpace 1 - High Fidelity Room
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Chair:

Georges L. Savoldelli (Geneva, Switzerland)
Dan Benhamou (Paris, France)
Doris Østergaard (Herlev, Denmark)
Anne Lippert (Herlev, Denmark)

Instructors

Antonia Blanié (Le Kremlin-Bicêtre, France)
Amaury Govaerts (Geneva, Switzerland)
Pernille Cedergreen (Herlev, Denmark)

W	SIMLAB8 Workshop	Sunday, 3 June 08:30 - 10:00	PROCEDURAL WORKSHOP 4 Procedural skills in perioperative medicine - Basic Trans-Esophageal Echocardiography (TEE) for anaesthesiologists **IMPORTANT NOTICE: access is limited to pre-registered delegates	SimSpace 2 - Procedural Simulation Room
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Chair:

Georges L. Savoldelli (Geneva, Switzerland)
Dan Benhamou (Paris, France)
Doris Østergaard (Herlev, Denmark)
Anne Lippert (Herlev, Denmark)

Instructors

Paul Abraham (Lyon, France)
Virginie Dumans (Paris, France)
Lene Loevbjerg Russell (Copenhagen, Denmark)
Marc Lilot (Lyon, France)
Julien Amour (Paris, France)

W	SIMLAB9 Workshop	Sunday, 3 June 10:30 - 12:00	HIGH FIDELITY WORKSHOP 5 Challenging cases in anaesthesia - Crisis in the operating room: topic 2 **IMPORTANT NOTICE: access is limited to pre-registered delegates	SimSpace 1 - High Fidelity Room
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HELSINKI



Euroanaesthesia 2018
The European Anaesthesiology Congress

Copenhagen, Denmark
2-4 June 2018

European Society of Anaesthesiology **ESA**

Chair:

Georges L. Savoldelli (Geneva, Switzerland)
Dan Benhamou (Paris, France)
Doris Østergaard (Herlev, Denmark)
Anne Lippert (Herlev, Denmark)

Instructors

Antonia Blanié (Le Kremlin-Bicêtre, France)
Amaury Govaerts (Geneva, Switzerland)
Pernille Cedergreen (Herlev, Denmark)

CC SUAC
Pre-congress
Course

Friday, 1 June
09:00 - 18:00

Spinal Sonography Symposium - Pre-congress course organised by the Society for Ultrasound in Anaesthesia (SUA)

Purple
Room

****IMPORTANT NOTICE:** access is limited to pre-registered delegates



Chair:

Prit Anand Singh (Singapore, Singapore)
Kausik Dasgupta (Leicester, United Kingdom)

Introduction

Kausik Dasgupta (Leicester, United Kingdom)
Prit Anand Singh (Singapore, Singapore)

Guidelines and evidence base to use ultrasound for spinal and paraspinous injections

Ying Ching Lim (Singapore, Singapore)
David Hall (Edinburgh, United Kingdom)

Ultrasound of spine – basic concepts, image optimisation and pitfalls

Vandana Gaur (Coventry, United Kingdom)
Sioned Phillips (Surrey, United Kingdom)

Masterclass in thoracic spine including paravertebral, intercostal, dorsal root ganglion

Ying Ching Lim (Singapore, Singapore)
Devendra Tilak (Warwick, United Kingdom)
Mihaly Kovacs (Miskolc, Hungary)

Coffee break

Introduction to the use of ultrasound for lumbar spine

Prashant Kakodkar (Northampton, United Kingdom)
Ekta Rai (Vellore, India)

Masterclass in lumbar/sacral spine sonography including facet joint, sacroiliac, caudal

Xavier Sala-Blanch (Barcelona, Spain)
Subramanian Ramani (Northampton, United Kingdom)

Demonstration: lumbar and thoracic spine

Atul Gaur (Leicester, United Kingdom)
Mritunjay Varma (Newcastle Upon Tyne, United Kingdom)

Lunch and interactive demonstration

Prashant Kakodkar (Northampton, United Kingdom)
Manoj Kamal (Jodhpur, India)
Misha Yadav (Nuneaton, United Kingdom)
Navneet Kumar Narula (Derby, United Kingdom)
Raghavendran Krishnaiyan (Kettering, United Kingdom)
Vipul Kaushik (Leicester, United Kingdom)
Atul Gaur (Leicester, United Kingdom)
Ravindran Nair (Chelmsford, United Kingdom)



Introduction to the cervical and trunk blocks using ultrasound

Subramanian Ramani (Northampton, United Kingdom)
Xavier Sala-Blanch (Barcelona, Spain)

Masterclass in cervical spine sonography: roots, facet joint, medial branch

Senthil Kumaran (Northampton, United Kingdom)
Yehia Kamel (Leicester, United Kingdom)

Trunk blocks including Serratus Anterior Plane, Transversus Abdominis Plane (TAP), etc.

Prit Anand Singh (Singapore, Singapore)
Zubair Tariq (Leicester, United Kingdom)

Demonstration: cervical spine trunk

Coffee break

Introduction to obstetrics and paediatric use of ultrasound

Abdelazeem Eldawlatly (Riyadh, Saudi Arabia)
Karen Smyth (Wolverhampton, United Kingdom)

How I do it: obstetrics

Rajeev Vedantham (Leicester, United Kingdom)
Raghavendran Krishnaiyan (Kettering, United Kingdom)

How I do it: paediatric spine

Ekta Rai (Vellore, India)

How I do it: consent and asepsis

Jeetinder Kaur Makkar (Chandigarh, India)

Faculty Q & A and close of session

CC

THORC
Pre-congress
Course

Friday, 1 June
09:00 - 18:00

Thoracic anaesthesia symposium

**IMPORTANT NOTICE: access is limited to pre-registered delegates

Yellow
Room 2

Chair:

Edmond Cohen (New York, United States)
Marcelo Gama de Abreu* (Dresden, Germany)

Welcome and introduction

Edmond Cohen (New York, United States)

Panel 1 - Lung injury during thoracic surgery:

a) Low tidal volume during One-Lung Ventilation (OLV): how essential during OLV?

Marcelo Gama de Abreu* (Dresden, Germany)

b) Protective lung ventilation during OLV: what are we protecting?

Nuzhet Mert Sentürk (Istanbul, Turkey)

c) Inhaled or intravenous anaesthetics: does it matter?

Thomas Schilling (Magdeburg, Germany)

Problem based learning discussions (choice of 2):

PBLD 1 The cardiac patients undergoing lung resection: what should we know?

Paolo Feltracco (Padova, Italy)
Andreas Güldner (Dresden, Germany)

PBLD 2 Post-thoracotomy arrhythmias

Tamás Végh (Debrecen, Hungary)
Oliver Vicent (Dresden, Germany)



PBLD 3 Post-thoracotomy pain management: epidural vs. paravertebral

Manuel V. Granell Gil (Valencia, Spain)

Padraig Mahon (Cork, Ireland)

PBLD 4 Management of mediastinal mass

Menachem Weiner (New York, United States)

Thomas Bluth (Dresden, Germany)

PBLD 5 Thoracic surgery in the morbidly obese

Thomas Kiss (Dresden, Germany)

Torsten Loop (Freiburg, Germany)

PBLD 6 Lung isolation in the difficult airway

Thomas Schilling (Magdeburg, Germany)

Laszlo Szegedi (Brussels, Belgium)

PBLD 7 Pulmonary hypertension and pulmonary resection

Marc-Joseph Licker (Geneva, Switzerland)

Cesar Rodriguez Diaz (New York, United States)

PBLD 8 Severe hypoxemia during OLV

Nuzhet Mert Sentürk (Istanbul, Turkey)

Thomas Heinz Hachenberg (Magdeburg, Germany)

Lunch break

Panel 2:

a) Recent advances in lung isolation: Double-Lumen Tube (DLT) vs. blockers

Marc-Joseph Licker (Geneva, Switzerland)

b) Pain management in thoracic surgery: traditional vs. alternative therapies

Thomas Heinz Hachenberg (Magdeburg, Germany)

Practice stations : hands-on demonstrations

Station 1: Left sided DLT / Right sided DLT

Marc-Joseph Licker (Geneva, Switzerland)

Laszlo Szegedi (Brussels, Belgium)

Station 2: Univent tube / Uniblocker

Nuzhet Mert Sentürk (Istanbul, Turkey)

Paolo Feltracco (Padova, Italy)

Station 3: Endobronchial blockers

Menachem Weiner (New York, United States)

Thomas Kiss (Dresden, Germany)

Station 4: EZ blocker / VivaSight

Tamás Végh (Debrecen, Hungary)

Thomas Schilling (Magdeburg, Germany)

Station: 5. Paediatric lung separation

Cesar Rodriguez Diaz (New York, United States)

Torsten Loop (Freiburg, Germany)

Station 6: Thoracic epidural

Thomas Heinz Hachenberg (Magdeburg, Germany)

Manuel V. Granell Gil (Valencia, Spain)

Station 7: Paravertebral block

Padraig Mahon (Cork, Ireland)

Oliver Vicent (Dresden, Germany)

Station 8: Adult simulator - management of hypoxemia during One-Lung Ventilation (OLV)

Thomas Bluth (Dresden, Germany)

Marcelo Gama de Abreu* (Dresden, Germany)



Coffee break

Panel 3: Challenges in thoracic anaesthesia

a) Epidural placement in a patient receiving anticoagulant therapy

Padraig Mahon (Cork, Ireland)

b) Tracheal surgery: sharing the airway

Thomas Bluth (Dresden, Germany)

c) Tubeless thoracic procedures: myth or reality?

Edmond Cohen (New York, United States)

d) Esophagectomy: from the OR to the Intensive Care Unit (ICU)

Laszlo Szegedi (Brussels, Belgium)

Closing remarks

Edmond Cohen (New York, United States)

W THORW1
Workshop

Sunday, 3 June
09:00 - 12:00

Thoracic anaesthesia hands-on workshop (1)

****IMPORTANT NOTICE:** access is limited to pre-registered delegates

Yellow
Room 2

Chair:

Marcelo Gama de Abreu* (Dresden, Germany)

Edmond Cohen (New York, United States)

Introductory PRO/CON lectures:

Endobronchial blockers are better!

Edmond Cohen (New York, United States)

Double lumen tubes are even better!

Marcelo Gama de Abreu* (Dresden, Germany)

Hands-on demonstration:

Station 1: Double lumen tubes

Marc-Joseph Licker (Geneva, Switzerland)

Laszlo Szegedi (Brussels, Belgium)

Station 2: Endobronchial blockers 1

Andreas Güldner (Dresden, Germany)

Thomas Kiss (Dresden, Germany)

Station 3: Endobronchial blockers 2

Nuzhet Mert Sentürk (Istanbul, Turkey)

Paolo Feltracco (Padova, Italy)

Station 4: Paediatric lung separation

Cesar Rodriguez Diaz (New York, United States)

Torsten Loop (Freiburg, Germany)

Station 5: Analgesia 1 - Thoracic epidural anaesthesia

Manuel V. Granell Gil (Valencia, Spain)

Thomas Heinz Hachenberg (Magdeburg, Germany)

Station 6: Analgesia 2 - Paravertebral blocks

Padraig Mahon (Cork, Ireland)

Oliver Vicent (Dresden, Germany)

Station 7: Management of hypoxemia during one-lung ventilation

Thomas Bluth (Dresden, Germany)

Menachem Weiner (New York, United States)



W	THORW2 Workshop	Sunday, 3 June 14:00 - 17:00	Thoracic anaesthesia hands-on workshop (2) **IMPORTANT NOTICE: access is limited to pre-registered delegates	Yellow Room 2
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Chair:

Marcelo Gama de Abreu* (Dresden, Germany)
Edmond Cohen (New York, United States)

Introductory PRO/CON lectures:

Endobronchial blockers are better!

Edmond Cohen (New York, United States)

Double lumen tubes are even better!

Marcelo Gama de Abreu* (Dresden, Germany)

Station 1: Double lumen tubes

Marc-Joseph Licker (Geneva, Switzerland)
Laszlo Szegedi (Brussels, Belgium)

Hands-on demonstration:

Station 2: Endobronchial blockers 1

Andreas Güldner (Dresden, Germany)
Thomas Kiss (Dresden, Germany)

Station 3: Endobronchial blockers 2

Nuzhet Mert Sentürk (Istanbul, Turkey)
Paolo Feltracco (Padova, Italy)

Station 4: Paediatric lung separation

Cesar Rodriguez Diaz (New York, United States)
Torsten Loop (Freiburg, Germany)

Station 5: Analgesia 1 - Thoracic epidural anaesthesia

Manuel V. Granell Gil (Valencia, Spain)
Thomas Heinz Hachenberg (Magdeburg, Germany)

Station 6: Analgesia 2 - Paravertebral blocks

Padraig Mahon (Cork, Ireland)
Oliver Vicent (Dresden, Germany)

Station 7: Management of hypoxemia during one-lung ventilation

Thomas Bluth (Dresden, Germany)
Menachem Weiner (New York, United States)

W	USRAW1 Workshop	Saturday, 2 June 09:00 - 12:00	Ultrasound-guided regional anaesthesia (1) **IMPORTANT NOTICE: access is limited to pre-registered delegates	Orange Room 1
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Chair:

Jens Borglum (Copenhagen, Denmark)

Station 1 - Brachial plexus blocks, median, ulnar, radial (at elbow)

Rasmus W. Hauritz (Kolding, Denmark)

Station 2 - Paravertebral, lateral and median pectoral nerves, Serratus, erector spinal plane, multi-injection costotransverse blocks

Jens Borglum (Copenhagen, Denmark)

Station 3 - Transversus abdominis plane, rectus sheath, fascia transversalis plane, ilioinguinal and iliohypogastric, quadratus lumborum blocks

Mette Dam (Copenhagen, Denmark)



Station 4 - Femoral, obturator, lateral femoral cutaneous, fascia iliaca compartment, femoral triangle, adductor canal blocks

Thomas F. Bendtsen (Aarhus, Denmark)

Station 5 - Sciatic nerve block with different approaches

Morne Wolmarans (Norwich, United Kingdom)

Station 6 - Neuraxial blocks, ultrasound and the vertebral column

Finn Baerentzen (Roskilde, Denmark)

W USRAW2
Workshop

Saturday, 2 June
14:00 - 17:00

Ultrasound-guided regional anaesthesia (2)

****IMPORTANT NOTICE:** access is limited to pre-registered delegates

Orange
Room 1

Chair:

Jens Borglum (Copenhagen, Denmark)

Station 1 - Brachial plexus blocks, median, ulnar, radial (at elbow)

Rasmus W. Hauritz (Kolding, Denmark)

Station 2 - Paravertebral, lateral and median pectoral nerves, Serratus, erector spinal plane, multi-injection costotransverse blocks

Jens Borglum (Copenhagen, Denmark)

Station 3 - Transversus abdominis plane, rectus sheath, fascia transversalis plane, ilioinguinal and iliohypogastric, quadratus lumborum blocks

Mette Dam (Copenhagen, Denmark)

Station 4 - Femoral, obturator, lateral femoral cutaneous, fascia iliaca compartment, femoral triangle, adductor canal blocks

Thomas F. Bendtsen (Aarhus, Denmark)

Station 5 - Sciatic nerve block with different approaches

Morne Wolmarans (Norwich, United Kingdom)

Station 6 - Neuraxial blocks, ultrasound and the vertebral column

Finn Baerentzen (Roskilde, Denmark)

W USRAW3
Workshop

Sunday, 3 June
09:00 - 12:00

Ultrasound-guided regional anaesthesia (3)

****IMPORTANT NOTICE:** access is limited to pre-registered delegates

Orange
Room 1

Chair:

Philipp Lirk (Boston, United States)

Station 1 - Brachial plexus blocks, median, ulnar, radial (at elbow)

Jose Aguirre (Zurich, Switzerland)

Station 2 - Paravertebral, lateral and median pectoral nerves, Serratus, erector spinal plane, multi-injection costotransverse blocks

Anders Kehlet Nørskov (Copenhagen, Denmark)

Station 3 - Transversus abdominis plane, rectus sheath, fascia transversalis plane, ilioinguinal and iliohypogastric, quadratus lumborum blocks

Christian K. Hansen (Køge, Denmark)

Station 4 - Femoral, obturator, lateral femoral cutaneous, fascia iliaca compartment, femoral triangle, adductor canal blocks

Thomas D. Nielsen (Aarhus, Denmark)

Station 5 - Sciatic nerve block with different approaches

Christian Jessen (Horsens, Denmark)



Station 6 - Neuraxial blocks, ultrasound and the vertebral column

Philipp Lirk (Boston, United States)

W

USRAW4
Workshop

Sunday, 3 June
14:00 - 17:00

Ultrasound-guided regional anaesthesia (4)

**IMPORTANT NOTICE: access is limited to pre-registered delegates

Orange
Room 1

Chair:

Philipp Lirk (Boston, United States)

Station 1 - Brachial plexus blocks, median, ulnar, radial (at elbow)

Jose Aguirre (Zurich, Switzerland)

Station 2 - Paravertebral, lateral and median pectoral nerves, Serratus, erector spinal plane, multi-injection costotransverse blocks

Anders Kehlet Nørskov (Copenhagen, Denmark)

Station 3 - Transversus abdominis plane, rectus sheath, fascia transversalis plane, ilioinguinal and iliohypogastric, quadratus lumborum blocks

Christian K. Hansen (Køge, Denmark)

Station 4 - Femoral, obturator, lateral femoral cutaneous, fascia iliaca compartment, femoral triangle, adductor canal blocks

Thomas D. Nielsen (Arhus, Denmark)

Station 5 - Sciatic nerve block with different approaches

Christian Jessen (Horsens, Denmark)

Station 6 - Neuraxial blocks, ultrasound and the vertebral column

Philipp Lirk (Boston, United States)

W

USRAW5
Workshop

Monday, 4 June
09:00 - 12:00

Ultrasound-guided regional anaesthesia (5)

**IMPORTANT NOTICE: access is limited to pre-registered delegates

Orange
Room 1

Chair:

Matthias Desmet (Kortrijk, Belgium)

Station 1 - Brachial plexus blocks, median, ulnar, radial (at elbow)

Bo Gottschau (Hellerup, Denmark)

Station 2 - Paravertebral, lateral and median pectoral nerves, Serratus, erector spinal plane, multi-injection costotransverse blocks

Martin V. Nielsen (Køge, Denmark)

Station 3 - Transversus abdominis plane, rectus sheath, fascia transversalis plane, ilioinguinal and iliohypogastric, quadratus lumborum blocks

Katrine B. Tanggaard (Køge, Denmark)

Station 4 - Femoral, obturator, lateral femoral cutaneous, fascia iliaca compartment, femoral triangle, adductor canal blocks

Matthias Desmet (Kortrijk, Belgium)

Station 5 - Sciatic nerve block with different approaches

Mojgan Vazin (Køge, Denmark)

Station 6 - Neuraxial blocks, ultrasound and the vertebral column

Troels D. Poulsen (Køge, Denmark)



W

USRAW6
Workshop

Monday, 4 June
14:00 - 17:00

Ultrasound-guided regional anaesthesia (6)

**IMPORTANT NOTICE: access is limited to pre-registered delegates

Orange
Room 1

Chair:

Matthias Desmet (Kortrijk, Belgium)

Station 1 - Brachial plexus blocks, median, ulnar, radial (at elbow)

Bo Gottschau (Hellerup, Denmark)

Station 2 - Paravertebral, lateral and median pectoral nerves, Serratus, erector spinal plane, multi-injection costotransverse blocks

Martin V. Nielsen (Køge, Denmark)

Station 3 - Transversus abdominis plane, rectus sheath, fascia transversalis plane, ilioinguinal and iliohypogastric, quadratus lumborum blocks

Katrine B. Tanggaard (Køge, Denmark)

Station 4 - Femoral, obturator, lateral femoral cutaneous, fascia iliaca compartment, femoral triangle, adductor canal blocks

Matthias Desmet (Kortrijk, Belgium)

Station 5 - Sciatic nerve block with different approaches

Mojgan Vazin (Køge, Denmark)

Station 6 - Neuraxial blocks, ultrasound and the vertebral column

Troels D. Poulsen (Køge, Denmark)



GENERAL ANAESTHESIOLOGY

Learning track 01

D	01D1 Pro & Con Debate	Saturday, 2 June 11:00 - 12:00	Epidural anaesthesia for hepatobiliary pancreatic (HPB) surgery: Pro-Con	Yellow Room 1
			Chair: Alistair Lee (Edinburgh, United Kingdom)	
			Pro Nick Schofield (London, United Kingdom)	
			Con Zoka Milan (London, United Kingdom)	
D	01D2 Pro & Con Debate	Saturday, 2 June 11:00 - 12:00	Target-controlled infusion devices: utile or futile? Pro-Con	Red Room 2
			Chair: Andreas Hoeft* (Bonn, Germany)	
			Pro Michel Struys* (Groningen, Netherlands)	
			Con Emmanuel Boselli* (Lyon, France)	
RC	01RC1 Refresher Course	Saturday, 2 June 11:00 - 11:45	Ultrasound guided central venous cannulation: questions and answers	Turquoise Room
T			Chair: Annelies Moerman (Gent, Belgium)	
			Speaker: Bernd Saugel* (Hamburg, Germany)	
RC	01RC2 Refresher Course	Saturday, 2 June 16:00 - 16:45	Comparative opioid pharmacology	Auditorium 12
T			Chair: Manfred Blobner* (Munich, Germany)	



Speaker:

Stefan Schraag (Clydebank, United Kingdom)

RC

01RC3 Sunday, 3 June
Refresher Course 09:30 - 10:15

What's the role of inotropes and vasopressors in current anaesthesia practice?

Purple Room

T

Chair:

Daniela Filipescu (Bucharest, Romania)

Speaker:

Patrick Wouters (Gent, Belgium)

RC

01RC4 Monday, 4 June
Refresher Course 14:00 - 14:45

Recreational drugs: anaesthesia and intensive care implications

Purple Room

Chair:

Philip Hopkins* (Leeds, United Kingdom)

Speaker:

Jonathan Thompson (Leicester, United Kingdom)

S

01S1 Saturday, 2 June
Symposium 14:00 - 15:30

General anaesthesia for the patient with Obstructive Sleep Apnea Syndrome (OSAS)

Hall A3

Chair:

Marcelo Gama de Abreu* (Dresden, Germany)

Mechanical methods to avoid postoperative obstructive breathing in OSAS patients

Frances Chung* (Toronto, Canada)

Drug choices in general anaesthesia to avoid postoperative obstructive breathing in OSAS patients

Jan Paul Mulier (Brugge, Belgium)

Prediction of complications by STOPBANG

Daniel Sessler* (Cleveland, United States)

S

01S2 Saturday, 2 June
Symposium 14:00 - 15:30

Monitoring fluid responsiveness

Yellow Room 1

T

Chair:

Bernd Saugel* (Hamburg, Germany)

Fluid responsiveness prediction: What is it good for?

Simon Vistisen* (Aarhus C, Denmark)

The value of dynamic variables during spontaneous ventilation

Azriel Perel* (Tel Aviv, Israel)

Invasive or non-invasive monitoring for assessing fluid responsiveness?

Thomas Scheeren* (Groningen, Netherlands)



S	01S3 Symposium	Saturday, 2 June 17:00 - 18:30	Update on malignant hyperthermia - Symposium organised in collaboration with the European Malignant Hyperthermia Group (EMHG)	Turquoise Room
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EMHG



HELSINKI DECLARATION

Chair:

Philip Hopkins* (Leeds, United Kingdom)

Genetics of malignant hyperthermia and implications for diagnostic testing

Erik-Jan Kamsteeg (Nijmegen, Netherlands)

Dantrolene guidelines

Klaus Glahn (Copenhagen, Denmark)

Simulation training and malignant hyperthermia

Anne-Frédérique Dalmás (Lille, France)

S	01S4 Symposium	Sunday, 3 June 09:00 - 10:30	Anaphylaxis in anaesthesia	Auditorium 15
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Chair:

Philip Hopkins* (Leeds, United Kingdom)

Definitions, clinical classifications and gradings

Paul Michel Mertes (Strasbourg, France)

Epidemiology of drug allergy in anaesthesia

Nigel J. N. Harper (Manchester, United Kingdom)

Investigating suspected anaesthetic drug allergy

Lene Heise Garvey* (Copenhagen, Denmark)

S	01S5 Symposium	Sunday, 3 June 14:00 - 15:30	Fast-track surgery: Which patient? Which procedures? What is essential?	Auditorium 11
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Chair:

Monty Mythen* (London, United Kingdom)

Fast-track cardiac surgery

Burkhard Mackensen (Seattle, United States)

Fast-track visceral surgery

William Fawcett* (Guildford, United Kingdom)

Fast-track orthopedic surgery

Christoffer Calov Jørgensen* (Copenhagen, Denmark)

Fast-track neurosurgery

Deborah Culley (Boston, United States)



S	01S6 Symposium	Monday, 4 June 08:30 - 10:00	Challenges for advancing anaesthetic pharmacology in Europe	Auditorium 12
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Chair:

Philip Hopkins* (Leeds, United Kingdom)

Why is most pharmacological research flawed?

Tony Gin (Hong Kong, China)

Research using investigational medicinal products in anaesthesia

Manfred Blobner* (Munich, Germany)

Phase I and II clinic studies of HSK3486 - a new anaesthetic of alkyl phenolic derivative with higher potency than propofol

Jin Liu (Chengdu, China)

S	01S7 Symposium	Monday, 4 June 10:30 - 12:00	Current controversies in monitoring of neuromuscular blockade - Symposium organised in collaboration with the European Society for Computing and Technology in Anaesthesia and Intensive Care (ESCTAIC)	Blue Room
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Chair:

Manfred Blobner* (Munich, Germany)

Optimisation of surgical conditions by choosing appropriate relaxometry stimulation patterns

Peter Biro* (Zurich, Switzerland)

Optimal target for complete neuromuscular recovery

Gabriel Gurman (Omer, Israel)

Update on development of novel compounds - From CW002 to cucurbiturils

Thomas Fuchs-Buder* (Nancy, France)

S	01S8 Symposium	Monday, 4 June 10:30 - 12:00	One stop pre-op clinic: what can we diagnose and manage ourselves and when to involve a specialist?	Auditorium 11
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Chair:

Andreas Hoeft* (Bonn, Germany)

Anaemia management

Kai Zacharowski* (Frankfurt , Germany)

Cardiac disease management

Wolfgang Buhre* (Maastricht, Netherlands)

Pulmonary disease

Marcelo Gama de Abreu* (Dresden, Germany)

S	01S9 Symposium	Monday, 4 June 16:00 - 17:30	Why and how avoiding intraoperative inflammation induced by pneumoperitoneum or eventeration syndrome?	Auditorium 12
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Chair:

Kai Zacharowski* (Frankfurt , Germany)



Pathophysiology of peritoneum and gut inflammation during surgery

Tim Vilz (Bonn, Germany)

How the anesthesiologist can reduce the intra operative inflammation during pneumoperitoneum

Jan Paul Mulier (Brugge, Belgium)

Does obesity protect or impair organ function?

Xiangming Fang (Hangzhou, China)



AMBULATORY ANAESTHESIA

Learning track 02

L	02L1 Lecture	Saturday, 2 June 16:00 - 16:45	Anaesthesia in space: the ultimate ambulatory setting	Turquoise Room
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Chair:

Mark Skues (Chester, United Kingdom)

Speaker:

Matthieu Komorowski (Lille, France)

S	02S1 Symposium	Sunday, 3 June 14:00 - 15:30	The organisation of ambulatory care in Europe	Auditorium 15
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Chair:

Anil Gupta (Stockholm, Sweden)

France

Laurent Delaunay (Annecy, France)

United Kingdom

Mark Skues (Chester, United Kingdom)

Italy

Roberta Monzani (Milan, Italy)

Netherlands

Marcel de Korte (Maastricht, Netherlands)



REGIONAL ANAESTHESIA

Learning track 03

D	03D1 Pro & Con Debate	Saturday, 2 June 11:00 - 12:00	Use of ultrasound in spinal and epidural anaesthesia: Pro-Con	Auditorium 11
			Chair: Luc Sermeus* (Edegem, Belgium)	
			Pro Gabriella Iohom (Cork, Ireland)	
			Con Eric Albrecht (Lausanne, Switzerland)	
L	03L1 Lecture	Saturday, 2 June 16:00 - 16:45	New guidelines on ultrasound vascular access and nerve blocks	Auditorium 11
T			Chair: Anthony Absalom* (Groningen, Netherlands)	
			Speaker: Massimo Lamperti (Abu Dhabi, United Arab Emirates)	
RC	03RC1 Refresher Course	Saturday, 2 June 16:00 - 16:45	How to optimize your ultrasound for regional anaesthesia - theoretical background and practical applications	Auditorium 15
			Chair: Bernd Saugel* (Hamburg, Germany)	
			How to optimize your ultrasound for regional anaesthesia - Theoretical background and practical applications Luc Sermeus* (Edegem, Belgium)	
RC	03RC2 Refresher Course	Sunday, 3 June 11:00 - 11:45	Evidence behind new regional blocks	Hall A3
			Chair: Eric Albrecht (Lausanne, Switzerland)	



Speaker:

Jens Borglum (Copenhagen, Denmark)

S

03S1
Symposium

Monday, 4 June
16:00 - 17:00

Safety of neuraxial drug administration

Yellow
Room 1

T

HELSINKI
DECLARATION

Chair:

Marc Moritz Berger (Salzburg, Austria)

Local anaesthetics

Philipp Lirk (Boston, United States)

Adjuvant drugs

Alain Borgeat (Zurich, Switzerland)



OBSTETRIC ANAESTHESIOLOGY

Learning track 04

L	04L1 Lecture	Saturday, 2 June 16:00 - 16:45	Analgesia for labour and post-caesarean delivery	Purple Room
			Chair: Frédéric Mercier* (Clamart, France)	
			Speaker: Brendan Carvalho* (Stanford, United States)	
L	04L2 Lecture	Monday, 4 June 09:15 - 10:00	Last year's top publications in obstetric analgesia and anaesthesia	Green Room
			Chair: Carolyn Weiniger (Tel Aviv, Israel)	
			Speaker: Pierre-Yves Dewandre (Liège, Belgium)	
RC	04RC1 Refresher Course	Monday, 4 June 08:15 - 09:00	Neuraxial analgesia for labour: standard techniques versus novel approach - Young Teaching Recognition Award winner 2017	Red Room 2
			Chair: Marc Van de Velde* (Leuven, Belgium)	
			Neuraxial analgesia for labour: standard techniques versus novel approach Selin Erel (Ankara, Turkey)	
S	04S1 Symposium	Saturday, 2 June 14:00 - 15:30	Parturients with problem	Auditorium 15
			Chair: Micheal Heesen (Bamberg, Germany)	
			The parturient with addiction Ruth Landau (New York, United States)	



The elderly parturient

Carolyn Weiniger (Tel Aviv, Israel)

The post-bariatric surgery parturient

Marc Van de Velde* (Leuven, Belgium)

S 0452 Saturday, 2 June **Respiratory failure during pregnancy** Auditorium 11
Symposium 17:00 - 18:30



Chair:

Sharon Einav (Jerusalem, Israel)

Physiological changes of pulmonary volumes and arterial blood gases during pregnancy

Frédéric Mercier* (Clamart, France)

How to manage the pregnant patient with chronic or acute respiratory failure

Marc Leone* (Marseille, France)

How to manage the parturient with difficult airway

Ellen P. O'Sullivan (Dublin, Ireland)

S 0453 Sunday, 3 June **How to predict, detect, prevent spinal hypotension during Caesarean section** Red Room 2
Symposium 08:15 - 09:15

Chair:

Peter Kranke (Wuerzburg, Germany)

Genetic prediction approach

Ruth Landau (New York, United States)

Clinical testing and monitoring for prediction/detection

Micheal Heesen (Bamberg, Germany)

Prevention in clinical practice

Frédéric Mercier* (Clamart, France)

S 0454 Sunday, 3 June **Obstetric emergencies and/or safety in the delivery rooms** Hall A3
Symposium 16:00 - 17:30



**HELSINKI
DECLARATION**

Chair:

Emilia Guasch (Madrid, Spain)

High spinal scenario

Nuala Lucas* (London, United Kingdom)

Haemorrhagic scenario

Emilia Guasch (Madrid, Spain)

Amniotic fluid embolism scenario

Kim Ekelund (Copenhagen, Denmark)

Preeclampsia scenario (with HELLP & eclampsia complications)

Dudu Berrin Günaydin (Ankara, Turkey)



S	0455 Symposium	Monday, 4 June 08:00 - 09:00	Placenta previa - accreta/increta/percreta	Green Room
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Chair:

Frédéric Mercier* (Clamart, France)

Obstetric management

Gilles Kayem (Paris, France)

Anaesthetic and resuscitation management

Carolyn Weiniger (Tel Aviv, Israel)

S	0456 Symposium	Monday, 4 June 08:30 - 10:00	Opioids in obstetric practice	Yellow Room 2
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T

Chair:

Emilia Guasch (Madrid, Spain)

Effects of maternally administered opioids on the foetus

Merja Kokki* (Kuopio, Finland)

Use of neuraxial opioids for analgesia/anaesthesia in obstetrics

Roshan Fernando (Doha, Qatar)

Use of intravenous opioids for labour analgesia & during Caesarean delivery

Matthew Wilson (Sheffield, United Kingdom)



PAEDIATRIC ANAESTHESIOLOGY

Learning track 05

ME	05ME1 Meet the Expert	Sunday, 3 June 08:15 - 09:15	EuroSTAR meets APRICOT and NECTARINE (ESA Clinical Trial Network): how can we provide safe anaesthesia for every child?	Hall A3
HELSINKI DECLARATION			<p>Chair: Tom Giedsing Hansen (Odense, Denmark)</p> <p>APRICOT and NECTARINE: what's new? Francis Veyckemans (Lille, France)</p> <p>From neurotoxicity to safe anaesthesia for every child: update 2018 Laszlo Vutskits (Geneva, Switzerland)</p>	
RC	05RC1 Refresher Course	Saturday, 2 June 16:00 - 16:45	Ventilation of children in the operating room	Green Room
T			<p>Chair: Nicola Disma (London, United Kingdom)</p> <p>Speaker: Walid Habre* (Geneva, Switzerland)</p>	
S	05S1 Symposium	Saturday, 2 June 14:00 - 15:30	Best practice in paediatric anaesthesia - Symposium organised in collaboration with the European Society of Paediatric Anaesthesiology (ESPA)	Lilac Room
			<p>Chair: Francis Veyckemans (Lille, France)</p> <p>The child with a cold Karin Becke (Nuremberg, Germany)</p> <p>Inhalational, intravenous or smartphone induction? Per-Arne Lönnqvist (Stockholm, Sweden)</p> <p>The use of muscle relaxants and reversal agents in children Ignacio Galvez Escalera* (Palma de Mallorca, Spain)</p>	
S	05S2 Symposium	Monday, 4 June 08:30 - 10:00	Perioperative medicine in paediatric anaesthesia	Lilac Room



Chair:

Karin Becke (Nuremberg, Germany)

The concept of perioperative medicine in paediatric anaesthesia - an overview

Pablo Ingelmo (Montreal, Canada)

Preoperative fasting times in children - time for a change?

Mark Thomas (London, United Kingdom)

Prevention of postoperative problems in children: pain, POstoperative Nausea and Vomiting (PONV) and emergence delirium

Tarun Bhalla (Columbus, United States)



05S3
Symposium

Monday, 4 June
10:30 - 11:30

Papers in paediatric anaesthesiology that changed my practice

Hall A3

Chair:

Ignacio Galvez Escalera* (Palma de Mallorca, Spain)

Papers in paediatric anaesthesia that changed my practice

Tom Giedsing Hansen (Odense, Denmark)

Papers in paediatric pain and emergency medicine that changed my practice

Nicola Disma (London, United Kingdom)



NEUROANAESTHESIOLOGY

Learning track 06

RC	06RC1 Refresher Course	Saturday, 2 June 16:00 - 16:45	Updates in neuroanaesthesia: intraoperative brain imaging	Blue Room
T			Chair: Alexander Zlotnik (Beer-Sheva, Israel)	
			Speaker: Maria Cristina Honorato (Pamplona, Spain)	
S	06S1 Symposium	Monday, 4 June 10:30 - 12:00	Neuro-critical care	Yellow Room 1
			Chair: Alexander Zlotnik (Beer-Sheva, Israel)	
			Critical illness polyneuropathy: pathogenic aspects, diagnosis and treatment Sergey Kondratev (St Petersburg, Russia)	
			Modern approach to fluid management of traumatic brain injury Marcel Aries (Maastricht, Netherlands)	
			Pulmonary dysfunction after acute brain insults Francesco Corradi (Genoa, Italy)	
			Neural circuitry mechanisms of emergence and cognition recovery from general anaesthesia Hailong Dong (Xi'an, China)	
S	06S2 Symposium	Sunday, 3 June 09:00 - 10:30	Common issues in neuroanaesthesia: how do we face them?	Green Room
			Chair: Alexander Zlotnik (Beer-Sheva, Israel)	
			Anaesthetic complications of prone position Basil F. Matta (Cambridge, United Kingdom)	
			Can we truly monitor awareness under anaesthesia?" Dana Baron Shahaf* (Haifa, Israel)	
			Neuromonitoring in anaesthesia: how to evaluate neuronal function during anaesthesia Michael Malcharek (Leipzig, Germany)	





CARDIAC, THORACIC AND VASCULAR ANAESTHESIOLOGY

Learning track 07

RC	07RC1 Refresher Course	Saturday, 2 June 11:00 - 11:45	Applied cardiovascular physiology: how to get oxygen to the tissues?	Blue Room
T			Chair: Jean-Luc Fellahi (Lyon, France)	
			How to get oxygen to the tissues? Matthias Jacob (Straubing, Germany)	
RC	07RC2 Refresher Course	Saturday, 2 June 16:00 - 16:45	Cardiogenic shock: an update	Red Room 1
T			Chair: Patrick Wouters (Gent, Belgium)	
			Speaker: Alexandre Mebazaa (Paris, France)	
S	07S1 Symposium	Saturday, 2 June 17:00 - 18:30	Macro-hemodynamic optimisation in high-risk surgical patients	Purple Room
			Chair: Jean-Luc Fellahi (Lyon, France)	
			The starting rules for fluid administration Matthias Eikermann (Boston, United States)	
			The stopping rules for fluid administration Idit Matot (Tel Aviv, Israel)	
			The role of vasopressors and inotropes Vladimir Cerny (Prague, Czech Republic)	
S	07S2 Symposium	Sunday, 3 June 09:00 - 10:30	Advanced monitoring in the operating room	Blue Room
			Chair: Thomas Scheeren* (Groningen, Netherlands)	



Minimally invasive cardiac output monitoring in the operating room

Bernd Saugel* (Hamburg, Germany)

Near Infrared Spectroscopy (NIRS) monitoring in the operating room

Matthias Heringlake* (Lubeck, Germany)

3D-echo in the cardiac theatre: tool or toy?

Fabio Guarracino* (Pisa, Italy)

How to monitor cerebral autoregulation

Annelies Moerman (Gent, Belgium)

S

07S3
Symposium

Sunday, 3 June
16:00 - 17:30

Cardiac surgery in the super-elderly - Symposium organised in collaboration with the European Association of Cardiothoracic Anaesthesiologists (EACTA)

Green
Room



European Association of
Cardiothoracic Anaesthesiologists

Chair:

Simon Howell* (Leeds, United Kingdom)

Preoperative risk stratification in the elderly patient

Hans-Joachim Priebe (Freiburg, Germany)

Diastolic function and heart failure: a special challenge

Alexandre Mebazaa (Paris, France)

Update on minimally invasive cardiac procedures

Benedikt Preckel* (Amsterdam, Netherlands)

S

07S4
Symposium

Monday, 4 June
08:30 - 10:00

"I give some fluids because..." - 10 minutes to convince

Hall A3

T

Chair:

Benedikt Preckel* (Amsterdam, Netherlands)

The patient is hypotensive

Daniel Chappell* (Munich, Germany)

The patient has tachycardia

Azriel Perel* (Tel Aviv, Israel)

The patient develops oliguria

Matthieu Legrand (Paris, France)

The central venous pressure is low

Jihad Mallat (Lens, France)

The dynamic indices of preload dependency are high

Daniel A. Reuter (Rostock, Germany)

The cardiac output is low

Thomas Scheeren* (Groningen, Netherlands)

S

07S5
Symposium

Monday, 4 June
14:00 - 15:30

Minimising blood loss in cardiac surgery

Auditorium
15

Chair:

Benjamin Drenger (Jerusalem, Israel)



The use of antifibrinolytic therapy in cardiac surgery

David Faraoni (Toronto, Canada)

Cardiac surgery in patient treated with full antiplatelet therapy

Julien Amour (Paris, France)

Patient blood management in cardiac surgery

Dan Longrois (Paris, France)

S

07S6

Symposium

Monday, 4 June

16:00 - 17:30

Perioperative myocardial protection: An update

Red

Room 1

Chair:

Jean-Luc Fellahi (Lyon, France)

Research progress on cardiopulmonary protection strategy during the perioperative period

Shanglong Yao (Wuhan, China)

Myocardial protection in clinical practice: what is the evidence?

Julien Amour (Paris, France)

Towards a multi-modal systemic protection strategy?

Benedikt Preckel* (Amsterdam, Netherlands)



ACUTE AND CHRONIC PAIN MANAGEMENT AND PALLIATIVE MEDICINE

Learning track 08

D	08D1 Pro & Con Debate	Saturday, 2 June 11:00 - 12:00	Opioid free anaesthesia (OFA) - Pro-Con	Green Room
			Chair: Jean-Pierre Estebe (Rennes, France)	
			Pro Patricia Lavandhomme (Bruxelles, Belgium)	
			Con Philipp Lirk (Boston, United States)	
L	08L1 Lecture	Monday, 4 June 08:15 - 09:00	Early integrated care of oncology and palliative care improves patients' outcome	Red Room 1
			Chair: Jan Van Zundert (Lanaken, Belgium)	
			Speaker: Kris Vissers (Nijmegen, Netherlands)	
S	08S1 Symposium	Saturday, 2 June 14:00 - 15:30	Chronic pain after surgery	Turquoise Room
			Chair: Esther M. Pogatzki-Zahn* (Muenster, Germany)	
			Perioperative hyperalgesia - a predictor of chronic pain after surgery Valeria Martinez* (Garches, France)	
			Neuropathic or nociceptive? How to diagnose and treat Massimo Allegri* (Parma, Italy)	
			Interventional techniques for chronic postsurgical pain Jan Van Zundert (Lanaken, Belgium)	
S	08S2 Symposium	Sunday, 3 June 08:15 - 09:15	Acute postoperative pain: novel strategies to predict and manage pain after surgery	Purple Room



Euroanaesthesia
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Copenhagen, Denmark

2018

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HELSINKI
DECLARATION

Chair:

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

Can we predict poor acute postoperative pain outcome?

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

What are the right drug combinations to manage acute postoperative pain?

Caterina Aurilio (Napoli, Italy)

S 08S3
Symposium

Sunday, 3 June
11:00 - 12:00

New kids on the pain block

Red
Room 2

Chair:

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

New devices - can they measure nociception?

Jean-Pierre Estebe (Rennes, France)

A new era of opioids - analgesic but without side effects?

Christoph Stein* (Berlin, Germany)



INTENSIVE CARE MEDICINE

Learning track 09

RC	09RC1 Refresher Course	Saturday, 2 June 11:00 - 11:45	How to induce and maintain therapeutic hypothermia	Auditorium 12
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Chair:

Sharon Einav (Jerusalem, Israel)

Speaker:

Oliver Kimberger* (Vienna, Austria)

S	09S1 Symposium	Saturday, 2 June 14:00 - 15:30	The heart-lung interaction in the perioperative period	Green Room
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Chair:

Jean-Luc Fellahi (Lyon, France)

In cardio-thoracic patients

Christian Putensen (Bonn, Germany)

In morbidly obese patients

Radmilo Jankovic (Nis, Serbia)

In septic patients

Zsolt Molnar* (Szeged, Hungary)

In patients with respiratory failure

Davide Chiumello (Milan, Italy)

S	09S2 Symposium	Saturday, 2 June 17:00 - 18:00	Fungal infections for the anaesthesiologist	Red Room 1
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Chair:

Claude Martin (Marseille, France)

Early diagnosis

Elie Azoulay* (Paris, France)

What is the evidence about early antifungal treatment?

Andrea Cortegiani (Palermo, Italy)

S	09S3 Symposium	Saturday, 2 June 17:00 - 18:30	Guidelines for Acute Kidney Injury (AKI) in intensive care unit - what are we doing with them?	Green Room
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Chair:

Alexander Zarbock* (Münster, Germany)

Acute kidney injury - implementing the KDIGO guidelines

Alexander Zarbock* (Münster, Germany)

'The golden hours in AKI treatment' - does it work in the clinical routine?

Stefano Romagnoli* (Pisa, Italy)

AKI as a complex syndrome - outlook 2018

Paolo Pelosi (Genoa, Italy)

S	09S4 Symposium	Sunday, 3 June 09:00 - 10:30	Challenges in difficult-to-treat infections	Auditorium 12
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HELSINKI DECLARATION

Chair:

Gernot Marx* (Aachen, Germany)

Complicated intra-abdominal infections

Claude Martin (Marseille, France)

Late-onset nosocomial pneumonia

Gernot Marx* (Aachen, Germany)

Pneumocystis pneumonia in 2018

Elie Azoulay* (Paris, France)

Should I give antifungals to this critically ill patient?

Andrea Cortegiani (Palermo, Italy)

S	09S5 Symposium	Sunday, 3 June 16:00 - 17:30	Mechanical ventilation: case presentations with experts	Auditorium 15
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Chair:

Cesare Gregoretti* (Torino, Italy)

Recruitment manoeuver in the intensive care unit

Lluís Blanch Torra* (Sabadell, Barcelona, Spain)

Recruitment manoeuvres in the operating room

Marcelo Gama de Abreu* (Dresden, Germany)

Extracorporeal CO₂ - removal in Chronic Obstructive Pulmonary Disease (COPD) patients

Stephan Braune* (Münster, Germany)

Extracorporeal CO₂ - removal to prevent Ventilator-Induced Lung Injury (VILI)

Davide Chiumello (Milan, Italy)

S	09S6 Symposium	Sunday, 3 June 16:00 - 17:30	Goal-directed therapy in 2018 : How to use it ?	Turquoise Room
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Chair:

Azriel Perel* (Tel Aviv, Israel)

Individualising hemodynamic management in different clinical settings

Bernd Saugel* (Hamburg, Germany)

Extravascular lung water as a target for intensive care

Mikhail Y. Kirov* (Arkhangelsk, Russia)

"Liberal" or "restrictive": the same question for oxygen, blood and fluids

Azriel Perel* (Tel Aviv, Israel)

The 'crystalloid vs. colloid saga': a never-ending story?

Zsolt Molnar* (Szeged, Hungary)

S	09S7 Symposium	Monday, 4 June 09:00 - 10:00	Controversies in the ventilatory management of brain-injured patients in the intensive care unit	Turquoise Room
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Chair:

Alexander Zlotnik (Beer-Sheva, Israel)

Brain and lung interaction

Lluís Blanch Torra* (Sabadell, Barcelona, Spain)

Mechanical ventilation to protect the brain and the lung

Sharon Einav (Jerusalem, Israel)

Don't forget the hemodynamic side

Chiara Robba (Genoa, Italy)

S	09S8 Symposium	Monday, 4 June 10:30 - 12:00	Ventilation at best from the operating room to the intensive care unit - Symposium organised in collaboration with the European Society of Intensive Care Medicine (ESICM)	Auditorium 15
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Chair:

Maurizio Cecconi (London, United Kingdom)

Is protective ventilation the same in the Intensive Care Unit (ICU) and the OR?

Giacomo Bellani (Monza, Italy)

From high flow to non-invasive ventilation pre and post anaesthesia

Massimo Antonelli (Rome, Italy)

Preventing delirium in intubated patients

Michael Sander (Giessen, Germany)

S	09S9 Symposium	Monday, 4 June 10:30 - 12:00	Outcomes and ethics in intensive care	Red Room 2
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Chair:

Paul McConnell (Paisley, United Kingdom)

What affects Intensive Care Unit (ICU) outcomes worldwide?

Martin Martin-Loeches (Dublin, Ireland)



Copenhagen, Denmark
Euroanaesthesia 2018
The European Anaesthesiology Congress 24 June 2018

European
Society of
Anaesthesiology **ESA**

How does frailty affect ICU outcome?

Hans Flaatten (Bergen, Norway)

Health, genetics and resource allocation - are we more than our genes and pathologies?

Robert Klitzman (New York, United States)



CRITICAL EMERGENCY MEDICINE - TRAUMA AND RESUSCITATION

Learning track 10

L	10L1 Lecture	Monday, 4 June 16:00 - 16:45	The other translational medicine: from anaesthesiological combat casualty care to bedside	Red Room 2
			Chair: Azriel Perel* (Tel Aviv, Israel)	
			Speaker: Melissa Givens (Bethesda, United States)	
ME	10ME1 Meet the Expert	Saturday, 2 June 11:00 - 12:00	Return of spontaneous circulation - what next?	Purple Room
T			Chair: Bernd Böttiger* (Cologne, Germany)	
			Post resuscitation care Markus Skrifvars* (Helsinki, Finland)	
			Prognostication after cardiac arrest Claudio Sandroni (Rome, Italy)	
S	10S1 Symposium	Saturday, 2 June 14:00 - 15:30	New developments in pre-hospital emergency medicine	Blue Room
			Chair: Jochen Hinkelbein (Cologne, Germany)	
			Rural-Rescue: a programme to improve survival of out-of-hospital cardiac arrest in a remote region Klaus Hahnenkamp (Greifswald, Germany)	
			Better outcomes through cardiac arrest centres? Andres Schober (Vienna, Austria)	
			Pre-hospital ultrasound - the stethoscope of the 21st century? Raoul Breitzkreutz (Frankfurt, Germany)	
S	10S2 Symposium	Saturday, 2 June 14:00 - 15:30	Medicine and migration	Purple Room



Chair:

Hartmut Bürkle (Freiburg, Germany)

Critical care in disaster zones

Elma Wong (Birmingham, United Kingdom)

Refugees and their impact on healthcare systems

Jan-Thorsten Gräsner (Kiel, Germany)

The rights of refugees: what should we do, what can we do?

Ayesha Christie (London, United Kingdom)

S

10S3
Symposium

Saturday, 2 June
17:00 - 18:30

Cardiac arrest - research

Red
Room 2

Chair:

Luca Brazzi (Torino, Italy)

EURECA-NET the European Cardiac Arrest Registry

Jan-Thorsten Gräsner (Kiel, Germany)

ILCOR - a new approach to evidence

Giuseppe Ristagno (Milan, Italy)

ESCAPE-NET European Sudden Cardiac Arrest Network

Hanno Tan (Amsterdam, Netherlands)

S

10S4
Symposium

Sunday, 3 June
09:30 - 10:30

Critical emergency medicine

Red
Room 2

Chair:

Bernd Böttiger* (Cologne, Germany)

Variation of practice throughout Europe

Luca Brazzi (Torino, Italy)

The position of the ESA/EBA

Karl-Christian Thies (Greifswald, Germany)

Round table

Bernd Böttiger* (Cologne, Germany)

S

10S5
Symposium

Sunday, 3 June
11:00 - 12:00

Cardiac arrest in the operating room: why is it different?

Green
Room

Chair:

Ayten Saracoglu (Istanbul, Turkey)

Report from the working group

Edoardo De Robertis* (Napoli, Italy)

Advanced cardiac life support: can we make it work in the operating room?

Jochen Hinkelbein (Cologne, Germany)



One team, one problem - the view of the European Society for Trauma and Emergency Surgery (ESTES)
Jonathan Tilsed (Hull, United Kingdom)

S 10S6 Symposium Sunday, 3 June 14:00 - 15:30 **Critical emergency medicine in children: The tough challenge** Turquoise Room



Chair:

Karin Becke (Nuremberg, Germany)

Cardiac arrest in children

Barney Scholefield (Birmingham, United Kingdom)

Damage control resuscitation in children

Karl-Christian Thies (Greifswald, Germany)

How to anaesthetise a child in shock

Christoph Bernhard Eich (Hannover, Germany)

S 10S7 Symposium Sunday, 3 June 16:00 - 17:30 **Controversies in cardiac arrest - Symposium organised in collaboration with the European Resuscitation Council (ERC)** Auditorium 11



Chair:

Karl-Christian Thies (Greifswald, Germany)

Mechanical vs. manual chest compressions

Lars Wick* (Oslo, Norway)

To cool or not to cool

Wilhelm Behringer* (Jena, Austria)

Endotracheal intubation - really required?

Lars Andersen (Aarhus, Denmark)

S 10S8 Symposium Sunday, 3 June 16:00 - 17:30 **Time is brain - acute management of stroke** Red Room 2



Chair:

Ayten Saracoglu (Istanbul, Turkey)

Pre-hospital cranial CT-scan - state of the art?

Audebert Heinrich* (Berlin, Germany)

Interventional radiology - the breakthrough?

Olvert Berkhemer* (Amsterdam, Netherlands)

Vital function support in stroke - what can the anaesthesiologist do?

Jane Sturgess (West Suffolk, United Kingdom)

General or local anaesthesia in intra-arterial therapy

Mads Rasmussen (Aarhus, Denmark)

S 10S9 Symposium Monday, 4 June 14:00 - 15:30 **Training in critical emergency care** Yellow Room 2



Chair:

Karl-Christian Thies (Greifswald, Germany)

The emergency surgeon

Jonathan Tilsed (Hull, United Kingdom)

Trauma anaesthesia as a supraspecialty

Peter A. Oakley (Stoke-on-Trent, United Kingdom)

Critical emergency medicine - an anaesthetic core competency

Leif Rognas (Aarhus, Denmark)



RESPIRATION AND AIRWAY MANAGEMENT

Learning track 11

D	11D1 Pro & Con Debate	Saturday, 2 June 11:00 - 12:00	Non-invasive ventilation in "DENOVO" acute hypoxemic respiratory failure: Pro-Con	Hall A3
			Chair: Kemal Tolga Saracoglu (Istanbul, Turkey)	
			Pro : non-invasive ventilation is still alive Samir Jaber* (Montpellier, France)	
			Con: non-invasive ventilation is going to die Salvatore Maurizio Maggiore (Chieti, Italy)	
L	11L1 Lecture	Sunday, 3 June 11:00 - 11:45	Difficult Airway Society (DAS) guidelines for the management of difficult airways in the intensive care unit	Yellow Room 1
HELSINKI DECLARATION			Chair: Ellen P. O'Sullivan (Dublin, Ireland)	
			DAS guidelines for the management of difficult airways in the intensive care unit Andy Higgs* (Warrington, United Kingdom)	
S	11S1 Symposium	Saturday, 2 June 14:00 - 15:30	Teaching and training in airway management	Red Room 1
HELSINKI DECLARATION			Chair: Anil Patel (London, United Kingdom)	
			The role of guidelines and cognitive aids in teaching airway management Ellen P. O'Sullivan (Dublin, Ireland)	
			Place of simulation in teaching airway management Johannes Huitink (Amsterdam, Netherlands)	
			Airway teaching across the globe - what can we learn? Alistair McNarry (Edinburgh, United Kingdom)	
			Psychology of errors in airway management Massimiliano Sorbello* (Catania, Italy)	



S	11S2 Symposium	Saturday, 2 June 17:00 - 18:30	Pulmonary update	Hall A3
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Chair:

Edmond Cohen (New York, United States)

Nitric oxide: what have we learned in 20 years?

Didier Payen De La Granderie (Paris, France)

Protective lung ventilation: what are we protecting?

Grasselli Grasselli* (Milan, Italy)

Endoscopic lung volume reduction: is that the future?

Edmond Cohen (New York, United States)

S	11S3 Symposium	Sunday, 3 June 09:30 - 10:30	Videolaryngoscopy	Hall A3
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Chair:

Volker Dörjes* (Kiel, Germany)

Is videolaryngoscopy the new gold standard of laryngoscopy?

Lorenz Gregor Theiler (Bern, Switzerland)

Are all videolaryngoscopes equal - what is the evidence?

Karl Schebesta (Vienna, Austria)

S	11S4 Symposium	Sunday, 3 June 16:00 - 17:30	Ventilation and airway in the morbidly obese patient - Symposium organised in collaboration with the European Society for Perioperative Care for the Obese Patient (ESPCOP)	Purple Room
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Chair:

Paolo Pelosi (Genoa, Italy)

The rapid sequence induction in the obese: when and how to use it

Michael Margaron* (Chichester, United Kingdom)

How to organise your difficult airway trolley for obese patients

Daniela Godoroja (Bucharest, Romania)

Supraglottic airway devices in the obese: to use or not to use?

Massimiliano Sorbello* (Catania, Italy)

Non-invasive ventilation in the perioperative period

Luc De Baerdemaeker (Gent, Belgium)

Lung atelectasis: how to measure and treat it in the obese?

Tomasz Gaszynski* (Lodz, Poland)

S	11S5 Symposium	Monday, 4 June 14:00 - 15:30	Airway cases and the law	Auditorium 12
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Chair:

Robert Greif* (Bern, Switzerland)



Medicolegal airway cases in UK: lessons learned

Timothy M. Cook* (Bath, United Kingdom)

The role of the airway expert in a coroner's inquest

Keith Greenland* (Toowong, Australia)

How to stay out of court?

John Adam Law (Halifax, Canada)

S	11S6 Symposium	Monday, 4 June 16:00 - 17:00	High Flow Nasal Therapy (HFNT)	Auditorium 11
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Chair:

Ellen P. O'Sullivan (Dublin, Ireland)

Rationale of using HFNT

Cesare Gregoretti* (Torino, Italy)

HFNT in the intensive care unit and the post-operative setting

Salvatore Maurizio Maggiore (Chieti, Italy)

HFNT in the peripoeperative setting

Samir Jaber* (Montpellier, France)



TRANSFUSION, HAEMOSTASIS AND THROMBOSIS

Learning track 12

L	12L1 Lecture	Sunday, 3 June 11:00 - 11:45	To bridge or not to bridge	Blue Room
T			Chair: Christian Fenger-Eriksen (Aarhus, Denmark)	
			Speaker: Oliver Grottko* (Aachen, Germany)	
ME	12ME1 Meet the Expert	Saturday, 2 June 16:00 - 16:45	Regional anaesthesia and antithrombotic drugs	Hall A3
T			Chair: Jens Meier (Linz, Austria)	
			Speaker: Owain Thomas (Lund, Sweden)	
RC	12RC1 Refresher Course	Saturday, 2 June 11:00 - 11:45	Update on transfusion complications	Auditorium 15
T			Chair: Christian Fenger-Eriksen (Aarhus, Denmark)	
			Speaker: Alexander Vlaar (Amsterdam, Netherlands)	
RC	12RC2 Refresher Course	Saturday, 2 June 17:45 - 18:30	Rotem testing in trauma patients - Young Teaching Recognition Award winner 2017	Yellow Room 1
			Chair: Jens Meier (Linz, Austria)	

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Euroanaesthesia
The European Anaesthesiology Congress

Copenhagen, Denmark

2018

2-4 June 2018

European
Society of
Anaesthesiology

ESA

Rotem testing in trauma patients

Igor Vaskovic (Belgrade, Serbia)

S

12S1
Symposium

Sunday, 3 June
09:00 - 10:30

Perioperative management of the elderly bleeding patient

Auditorium
11

Chair:

Idit Matot (Tel Aviv, Israel)

Anaemia or transfusion - what is worse for the elderly

Jens Meier (Linz, Austria)

Appropriate transfusion triggers in the elderly - other than haemoglobin

Blanca Martinez Lopez De Arroyabe (Udine, Italy)

Perioperative iron treatment of the elderly

Patrick Meybohm* (Frankfurt / Main, Germany)

S

12S2
Symposium

Sunday, 3 June
16:00 - 17:30

Searching for the ideal transfusion trigger

Lilac
Room

T

HELSINKI
DECLARATION

Chair:

Aamer B. Ahmed (Leicester, United Kingdom)

Transfusion goals on a microvascular and tissue level

Christa Boer (Amsterdam, Netherlands)

Haemoglobin: the usual suspect

Andrew Klein* (Cambridge, United Kingdom) - Anaesthesia

New transfusion triggers: the markers of anaemia tolerance

Blanca Martinez Lopez De Arroyabe (Udine, Italy)



PERIOPERATIVE MEDICINE

Learning track 13

D	13D1 Pro & Con Debate	Sunday, 3 June 11:00 - 12:00	A doctor should have a right to conscientious objection: Pro-Con	Auditorium 12
			Chair: László Zubek (Budapest, Hungary)	
			Pro Mary Neal (Glasgow, United Kingdom)	
			Con Dominic Wilkinson (Oxford, United Kingdom)	
L	13L1 Lecture	Sunday, 3 June 11:00 - 11:45	Perioperative myocardial injury	Auditorium 11
T			Chair: Wolfgang Buhre* (Maastricht, Netherlands)	
			Speaker: Daniel Sessler* (Cleveland, United States)	
S	13S1 Symposium	Saturday, 2 June 14:00 - 15:30	Readmission to intensive care unit : strategies to avoid it	Auditorium 12
HELSINKI DECLARATION			Chair: Sharon Einav (Jerusalem, Israel)	
			Failure to rescue and main reasons for readmission Rupert Pearce* (London, United Kingdom)	
			Preemptive postoperative visit Wolfgang Buhre* (Maastricht, Netherlands)	
			Critical care outreach and medical emergency teams Jens-Christian Schewe (Bonn, Germany)	
S	13S2 Symposium	Saturday, 2 June 17:00 - 18:30	The silicon takeover	Blue Room



Chair:

Thomas Scheeren* (Groningen, Netherlands)

We are not yet obsolete - what we can learn from the failure of the first robotic anaesthesiologist

Oliver Kimberger* (Vienna, Austria)

How automatic, realtime systems can support clinical decision-making

Alexandre Joosten* (Bruxelles, Belgium)

The future of hemodynamic monitoring

Frédéric Michard* (Lausanne, Switzerland)

S

13S3
Symposium

Sunday, 3 June
14:00 - 15:30

Precision/individualised medicine in anaesthesia

Green
Room

Chair:

Marc Moritz Berger (Salzburg, Austria)

Opportunities and pitfalls in precision medicine research

Munir Pirmohamed (Liverpool, United Kingdom)

Pharmacogenetics: clinical relevance in anaesthesiology

Christian Zöllner (Hamburg, Germany)

Personalized drug dosage

Goefrey Tucker (Sheffield, United Kingdom)

S

13S4
Symposium

Monday, 4 June
14:00 - 15:30

Religion and spirituality in medicine

Red
Room 1

Chair:

Antoine Baumann (Le Kremlin-Bicêtre, France)

Consent and surgery in Jehovahs Witnesses

Catherine Brydon (Glasgow, United Kingdom)

Futility and end of life care in multicultural societies

Sadek Beloucif (Bobigny, France)

Is there a place for religion and spirituality in medicine?

Robert Klitzman (New York, United States)



PATIENT SAFETY

Learning track 14

L	14L1 Lecture	Sunday, 3 June 11:00 - 11:45	The Anesthesia Patient Safety Foundation (APSF)'s current perspective on perioperative medication safety	Purple Room
HELSINKI DECLARATION			Chair: Johannes Wacker (Zürich, Switzerland)	
			Speaker: Mark A. Warner (Rochester, United States)	
L	14L2 Lecture	Sunday, 3 June 11:00 - 11:45	Intraoperative hypotension - just a monitoring challenge or a real safety threat?	Auditorium 15
HELSINKI DECLARATION			Chair: Daniel Arnal (Alcorcon, Spain)	
			Speaker: Adrian Gelb* (San Francisco, United States)	
S	14S1 Symposium	Saturday, 2 June 14:00 - 15:30	Perioperative patient safety - the patient's perspective	Red Room 2
HELSINKI DECLARATION			Chair: Jannicke Mellin-Olsen (Haslum, Norway)	
			Being safe - through the patient's eyes Coby Omvlee (Trondheim, Norway)	
			Being safe - through the eyes of a physician that became a patient Paul Barach (Detroit, United States)	
			Being safe - the importance of outcomes that matter to patients Johannes Wacker (Zürich, Switzerland)	
S	14S2 Symposium	Sunday, 3 June 14:00 - 15:30	Improving patient safety at the hospital level	Auditorium 12
HELSINKI DECLARATION				



Chair:

Johannes Wacker (Zürich, Switzerland)

Safety strategies to decrease “failure to rescue” rates

Andreas Hoeft* (Bonn, Germany)

A 'sixth sense' for safety - is experienced staff needed to detect early warning signs?

Andrew Fairley Smith (Lancaster, United Kingdom)

“Resilience” and “safety II” - pure theory or practical tool for improving patient outcomes?

Sven E. A. Staender (Mannedorf, Switzerland)

S

14S3
Symposium

Monday, 4 June
08:30 - 10:00

Technology for patient safety and sedation

Auditorium
15

HELSINKI
DECLARATION

Chair:

Oliver Kimberger* (Vienna, Austria)

How to monitor the sedated non-intubated patient?

Michel Struys* (Groningen, Netherlands)

Technology for inhaled agent sedation in the intensive care unit

Andreas R. Meiser* (Homburg, Germany)

How could technology measure and improve patient safety beyond the operating room?

Frédéric Michard* (Lausanne, Switzerland)

S

14S4
Symposium

Monday, 4 June
09:15 - 10:00

Following up the Helsinki Declaration on patient safety in anaesthesiology - project update

Red
Room 2

HELSINKI
DECLARATION

Chair:

Johannes Wacker (Zürich, Switzerland)

The goals and requirements of the Declaration

Jannicke Mellin-Olsen (Haslum, Norway)

Johannes Wacker (Zürich, Switzerland)

Value of Annual Safety Reports

David Whitaker (Manchester, United Kingdom)

Evaluating implementation - A mixed-method research project

Andrew Fairley Smith (Lancaster, United Kingdom)

S

14S5
Symposium

Monday, 4 June
10:30 - 12:00

Safety improvement through better communication

Purple
Room

HELSINKI
DECLARATION

Chair:

Filippo Bressan (Prato, Italy)

Mind the words - unintended effects of nocebo talk

Ernil Hansen (Regensburg, Germany)

The “Four Good Habits Model” - fostering empathy in teamwork and communication

Jannicke Mellin-Olsen (Haslum, Norway)

Can better handover communication improve perioperative patient outcomes?

Tanja Manser (Olten, Switzerland)



GERIATRIC ANAESTHESIOLOGY

Learning track 15

L	15L1 Lecture	Sunday, 3 June 11:00 - 11:45	Super-elderly: outcome and perioperative management	Turquoise Room
			Chair: Mark Coburn (Aachen, Germany)	
			Speaker: Idit Matot (Tel Aviv, Israel)	
L	15L2 Lecture	Sunday, 3 June 14:00 - 14:45	Challenges in the perioperative management: dementia and Alzheimer disease	Hall A3
			Chair: Mark Coburn (Aachen, Germany)	
			How do we provide best care for patients with dementia in the perioperative period? Lis Evered (Fitzroy, Australia)	
S	15S1 Symposium	Saturday, 2 June 14:00 - 15:30	Postoperative Cognitive Dysfunction (POCD) and delirium in the elderly patient	Auditorium 11
			Chair: Ulf Guenther* (Oldenburg, Germany)	
			Consensus nomenclature in postoperative cognitive dysfunction Lis Evered (Fitzroy, Australia)	
			Regional or general anaesthesia in patients at risk for POCD Jose Aguirre (Zurich, Switzerland)	
			Early postoperative delirium in the elderly patient Claudia Spies* (Berlin, Germany)	
S	15S2 Symposium	Monday, 4 June 08:30 - 10:00	Pain management in the elderly patient	Purple Room

HELSINKI
DECLARATION



Chair:

Jacob Steinmetz (Copenhagen, Denmark)

Pain management in frail patients

Frédéric Aubrun (Lyon, France)

Pain services and palliative medicine - an integrated approach to pain management

Tony O'Brien (Cork, Ireland)

Pain control for the ambulatory elderly

Peter John Lee (Cork, Ireland)

S

15S3
Symposium

Monday, 4 June
10:30 - 12:00

Challenges in geriatric anaesthesiology

Auditorium
12

Chair:

Peter John Lee (Cork, Ireland)

Risk prediction for the elderly undergoing surgery

Idit Matot (Tel Aviv, Israel)

Interventions to prepare the elderly patient for surgery

Jugdeep Dhesi (London, United Kingdom)

How to handle hip fracture patients with complexities (clopidogrel, myocardial infarction, pulmonary embolism or stroke)

Stuart White (Brighton, United Kingdom)



EDUCATION

Learning track 16

L	16L1 Lecture	Saturday, 2 June 11:00 - 11:45	To a new systemic method for Basic Procedural Skills (BPS) training and qualification	Red Room 1
			Chair: Andreas Sandner-Kiesling (Graz, Austria)	
			To a new systemic method for BPS training and qualification Alain d'Hollander (Geneva, Switzerland)	
L	16L2 Lecture	Monday, 4 June 09:15 - 10:00	Hot topics in simulation in anaesthesiology	Red Room 1
			Chair: Robert Greif* (Bern, Switzerland)	
			Speaker: Karl Schebesta (Vienna, Austria)	
RC	16RC1 Refresher Course	Saturday, 2 June 16:00 - 16:45	Teaching anaesthesia non-technical skills	Red Room 2
T			Chair: Vojislava Neskovic (Belgrade, Serbia)	
HELSINKI DECLARATION			Speaker: Rhona Flin (Aberdeen, United Kingdom)	
S	16S1 Symposium	Sunday, 3 June 08:15 - 09:15	Challenges in anaesthesia education	Red Room 1
T			Chair: Robert Greif* (Bern, Switzerland)	



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Teaching the millennials - the new generation of residents requires new teaching methods

Vojislava Neskovic (Belgrade, Serbia)

Teaching when time is short at the anaesthesia workplace

Andrew Fairley Smith (Lancaster, United Kingdom)

Lifelong learning in anaesthesiology

Janusz Andres (Krakow, Poland)

S

16S2
Symposium

Monday, 4 June
10:30 - 12:00

CEEA (Committee for European Education in Anaesthesiology) courses as a best educational tool – improve your clinical practice

Red
Room 1

Chair:

Janusz Andres (Krakow, Poland)

What is the recipe for making an attractive CEEA centre?

Stefan De Hert (Ghent, Belgium)

How can teaching lead to questions about improvement in my clinical practice?

Charles Marc Samama* (Paris, France)

CEEA courses as a starter to modify my clinical practice: a myth or reality?

Gilles Lebuffe* (Lille, France)



ESA SESSION

Learning track ESA

PC	BAPC Prize Competition	Sunday, 3 June 14:00 - 15:45	Best Abstract Prize Competition (BAPC)	Red Room 1
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Chair:

Charles Marc Samama* (Paris, France)
Frédéric Mercier* (Clamart, France)
Alexander Zarbock* (Münster, Germany)

Submental ultrasound in the assessment of difficult mask ventilation
Han-Yu Lin (Taipei, Taiwan)

Expiratory Ventilation Assistance during mandatory ventilation in porcine ARDS improves arterial oxygenation – a randomized controlled animal study
Johannes Schmidt (Freiburg, Germany)

Postoperative outcome after hip fracture surgery - the impact of after-hours surgery
Rasmus Åhman (Linköping, Sweden)

Critical care after lung resection - Influence of anaesthetic and analgesic technique
Izabella Orzechowska (London, United Kingdom)

Gold nanorods-based thermosensitive hydrogel produces selective long-lasting regional anaesthesia triggered by photothermal activation of TRPV1 channel
Peng Liang (Chengdu, China)

The effect of buffered lidocaine in local anaesthesia during subcutaneous implantable venous access devices insertion: a prospective, randomized, double-blind study
Hosni Khouadja (Sousse, Tunisia)

L	ESAL1 Lecture	Saturday, 2 June 09:45 - 10:30	Sir Robert Macintosh Lecture	Hall A1 - Plenary
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Chair:

Stefan De Hert (Ghent, Belgium)

Anaesthesia in the 21st century - from the IV doctor to the intensivist-anaesthesiologist
Claude Martin (Marseille, France)

L	ESAL2 Lecture	Sunday, 3 June 09:30 - 10:15	Hot Topics in Pain Medicine - Last 12 months' top publications	Lilac Room
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Chair:

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

Acute Pain

Marco Abraham Marcus* (Doha, Qatar)

Chronic Pain

Marc René Suter (Lausanne, Switzerland)

L ESAL3
Lecture

Sunday, 3 June
14:00 - 14:45

Hot Topics in Critical Emergency Medicine - Last 12 months' top publications

Lilac
Room



Chair:

Lorenz Gregor Theiler (Bern, Switzerland)

Speaker:

Stephen Sollid (Stavanger, Norway)

L ESAL4
Lecture

Sunday, 3 June
14:00 - 15:00

SPIN - overinterpretation of research findings - Symposium organised by the European Journal of Anaesthesiology (EJA)

Blue
Room



Chair:

Martin Tramèr (Geneva, Switzerland)

Speaker

Patrick Bossuyt (Amsterdam, Netherlands)

Discussion

L ESAL5
Lecture

Monday, 4 June
10:30 - 11:15

Hot Topics in Intensive Care Medicine - Last 12 months' top publications

Lilac
Room



Chair:

Cesare Gregoretti* (Torino, Italy)

Speaker:

Marc Leone* (Marseille, France)

L ESAL6
Lecture

Monday, 4 June
14:00 - 14:45

Hot Topics in Anaesthesiology - Last 12 months' top publications

Lilac
Room



Chair:

Idit Matot (Tel Aviv, Israel)

Speaker:

Andreas Hoeft* (Bonn, Germany)



S	ESAS1 Symposium	Saturday, 2 June 17:00 - 18:30	Improving critical care through trials - Symposium organised by the National Organising Committee (NOC)	Auditorium 15
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Chair:

Kirsten Moller (Herlev, Denmark)

Sedation and anti-psychotics in intensive care unit patients

Palle Toft (Copenhagen, Denmark)

Lone Musaeus Poulsen (Koege, Denmark)

Oxygenation targets in hypoxia and target temperature management in cardiac arrest

Bodil Steen Rasmussen (Aalborg, Denmark)

Hans Kirkegaard (Arhus, Denmark)

Fluid volumes in septic shock

Anders Perner* (Copenhagen, Denmark)

S	ESAS10 Symposium	Monday, 4 June 14:00 - 15:30	Sustainable anaesthesia: a three-target hit that benefits the planet, the profit, and the people - Session organised by ESA in collaboration with the Société Française d'Anesthésie et de Réanimation (SFAR)	Turquoise Room
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Chair:

Pierre Albaladejo (Grenoble, France)

Let's green the hospital! Why not starting with the operating room?

Jane Muret (Paris, France)

Carbon footprint analysis of perioperative products and practices

El Mahdi Hafiani (Paris, France)

Closed Circuit anaesthesia - medical, environmental and economical benefits

Henrik Jörnvall (Stockholm, Sweden)

Sustainability in the pediatric operating room

Nolwenn Febvre (Rennes, France)

S	ESAS11 Symposium	Monday, 4 June 14:00 - 15:30	Intensive Care Medicine in Europe – a perspective of the European Board of Intensive Care Medicine (EBICM)	Auditorium 11
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Chair:

David Whitaker (Manchester, United Kingdom)

Armand Girbes (Amsterdam, Netherlands)

Challenges of ESA – Perspective of the ESA President

Stefan De Hert (Ghent, Belgium)

Challenges of ESICM – Perspective of the ESICM President

Massimo Antonelli (Rome, Italy)

European Training Requirements (ETR) in ICU – a European perspective from the President of the Multiple Joint Committee of Intensive Care Medicine (MJC ICM)

Kai Zacharowski* (Frankfurt, Germany)

Ideas for EBICM – Perspective from the President Elect ESICM

Jozef Kesecioglu* (Utrecht, Netherlands)



Ideas for EBICM - Perspective from the President EBA

Goetz Geldner (Ludwigsburg, Germany)

Summary – from the Secretary ESICM

Armand Girbes (Amsterdam, Netherlands)

Panel Discussion

S ESAS12
Symposium

Monday, 4 June
10:30 - 12:00

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

Green Room



Chair:

Martin Tramèr (Geneva, Switzerland)

Presentations about editing-related issues, delivered by editors-in-chief of anaesthesia journals

Non-inferiority trials are often non-superior

Hilary P. Grocott (Winnipeg, Canada) - Canadian Journal of Anesthesia

Peer-review quality

Michael Haney (Umeå, Sweden) - Acta Anaesthesiologica Scandinavica

Pilot and feasibility studies - are they being done and reported properly?

Andrew Klein* (Cambridge, United Kingdom) - Anaesthesia

Authorship: What counts? Who counts? Who cares?

Evan Kharasch (St. Louis, United States) - Anesthesiology

Bias, confounding and interaction: Are they problematic in the anaesthesia literature?

Jean-François Pittet (Birmingham, United States) - Anesthesia and Analgesia

Panel Discussion

S ESAS2
Symposium

Saturday, 2 June
17:00 - 18:30

What's new in the latest ESA guidelines - Symposium organised by the ESA Guidelines Committee

Lilac Room



Chair:

Edoardo De Robertis* (Napoli, Italy)

Take home messages from the "Procedural Sedation" guideline

Edoardo De Robertis* (Napoli, Italy)

Take home messages from the "Venous Thromboembolism Prophylaxis" guideline

Charles Marc Samama* (Paris, France)

Take home messages from the "Perioperative Ultrasound Guided Procedures" guideline

Massimo Lamperti (Abu Dhabi, United Arab Emirates)

Take home messages from the "Preoperative Evaluation" guideline

Stefan De Hert (Ghent, Belgium)

S ESAS3
Symposium

Sunday, 3 June
09:00 - 10:30

What ESA offers for young researchers - Symposium organised by the ESA Research Committee

Turquoise Room



Chair:

Wolfgang Buhre* (Maastricht, Netherlands)



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Introduction to what ESA has to offer for young researchers

Wolfgang Buhre* (Maastricht, Netherlands)

The Mentorship Programme

Claude Meistelman (Vandoeuvres, France)

ESA Research Masterclasses

Alexander Zarbock* (Münster, Germany)

S

ESAS4
Symposium

Sunday, 3 June
14:00 - 15:30

**ESA Trainee Network: networking with the experts on emergency medicine -
Symposium organised by the ESA Trainee Committee**

Yellow
Room 1



T

Chair:

Leila Niemi-Murola (Helsinki, Finland)

The current ultrasound protocols in emergency medicine and critical care

Nils Petter Oveland (Bergen, Sweden)

**European Resuscitation Council (ERC) Guidelines for traumatic cardiac arrest: why was the approach
changed?**

Anatolij Truhlar* (Prague, Czech Republic)

Pre-hospital emergency medicine: the golden hour - decisions to improve patient outcome

Jochen Hinkelbein (Cologne, Germany)

S

ESAS5
Symposium

Sunday, 3 June
16:00 - 17:30

**Continuous Professional Development (CPD) or Continuous Medical Education
(CME) - Symposium organised by the National Anaesthesiologists Societies
Committee (NASC)**

Blue
Room

Chair:

Andreas Sandner-Kiesling (Graz, Austria)

Stefan De Hert (Ghent, Belgium)

Dan Longrois (Paris, France)

CPD in anaesthesiology - the European perspective

Valentina Almeida (Coimbra, Portugal)

CPD in anaesthesiology in the United States

Beverly Philip (Boston, United States)

Are information technologies and artificial intelligence going to change CPD?

Stefan Schulz (Graz, Austria)

CME/CPD in Anaesthesiology: the AAGBI experience

Paul Clyburn (Cardiff, United Kingdom)

S

ESAS6
Symposium

Monday, 4 June
08:00 - 10:00

**The so called big data research journey - Symposium organised by the ESA
Research Committee**

Blue
Room

Chair:

Donal J. Buggy* (Dublin, Ireland)

How to create a big outcome database

Sachin Kheterpal (Ann Arbor, United States)



Results from research with routine data, examples from Europe

Wolfgang Buhre* (Maastricht, Netherlands)

The National Audit Project (NAP), a different type of big data research

Timothy M. Cook* (Bath, United Kingdom)

Clinical research, challenges and opportunities: the ANZCA (Australian and New Zealand College of Anaesthetists) experience

Paul Myles (Melbourne, Australia)

S ESAS7
Symposium

Monday, 4 June
08:30 - 10:00

**ESA Trainee Network: "Trainees for Trainees" on emergency medicine -
Symposium organised by the ESA Trainee Committee**

Yellow
Room 1



Chair:

Andreas Sandner-Kiesling (Graz, Austria)

Emergency care in areas of chronic disaster

Nazariy Beley (Kyiv, Ukraine)

Emergency medicine in daily practice: do short-stay units improve patient outcomes?"

Camilla Strøm (Copenhagen, Denmark)

How to improve my preparation to deal with emergency situations? A challenge on its own

Eoin Kelleher (Galway, Ireland)

S ESAS8
Symposium

Monday, 4 June
08:30 - 10:00

**Why still here? Optimising the fast-track patient course - Symposium
organised by the National Organising Committee (NOC)**

Auditorium
11

Chair:

Ann Merete Møller (Herlev, Denmark)

Why still in the hospital?

Henrik Kehlet (Copenhagen, Denmark)

Why still in the Post-Anaesthesia Care Unit (PACU)?

Eske Aasvang (Copenhagen, Denmark)

Perspectives in fast-track surgery

Henrik Kehlet (Copenhagen, Denmark)

Eske Aasvang (Copenhagen, Denmark)

S ESAS9
Symposium

Monday, 4 June
14:00 - 15:30

History of anaesthesia

Red
Room 2

Chair:

Alistair McKenzie (Edinburgh, United Kingdom)

Aspects of James Young Simpson revealed by Hans Christian Andersen

Alistair McKenzie (Edinburgh, United Kingdom)

The birth of the intensive care unit - the 1952 Copenhagen polio epidemic and what followed

Preben Berthelsen (Aarhus, Denmark)

Development of the role of the anaesthetist in enhanced recovery after surgery

Henrik Kehlet (Copenhagen, Denmark)



PC

YTRA Sunday, 3 June
Prize Competition 09:30 - 12:00

Young Teaching Recognition Award

Red
Room 1

T

Chair:

Andreas Sandner-Kiesling (Graz, Austria)
Diogo Sobreira Fernandes (Porto, Portugal)
Dan Longrois (Paris, France)

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

Marko Zdravkovic (Maribor, Slovenia)

Anaesthesia and dementia, post-operative confusion and delirium (POCD)

Ahmed Ali Gilani (Birmingham, United Kingdom)

Protecting the Lungs and the Diaphragm: A New Paradigm in Mechanical Ventilation

Tom Schepens (Edegem, Belgium)

Haemodynamic Goal-directed Therapy : Are Closed-Loop Systems The Future?

Sean Coeckelenbergh (Brussels, Belgium)

GUEST SESSION

Learning track GUEST

RC	GUESTRC1 Refresher Course	Sunday, 3 June 09:00 - 09:45	Comparison of international airway management guidelines with special emphasis on mask ventilation - Session organised by the Japanese Society of Anesthesiologists	Yellow Room 1
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Chair:
Zeev Goldik (Haifa, Israel)

Speaker
Shiroh Isono (Chiba, Japan)

S	GUESTS1 Symposium	Saturday, 2 June 16:00 - 17:30	Fluid management in abdominal emergencies - Symposium organised by the Abdominal Compartment Society (WSACS)	Yellow Room 1
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Chair:
Manu Malbrain* (Jette, Belgium)
Bruno Pereira (Campinas, Brazil)

Introduction: Surgeon-anaesthetist-intensivist crosstalk in abdominal emergencies
Zsolt Bodnar (Letterkenny, Hungary)

Damage-control versus definitive surgery: how to reach the right decision
Bruno Pereira (Campinas, Brazil)

Fluid resuscitation and deresuscitation in abdominal emergencies
Manu Malbrain* (Jette, Belgium)

How to assess and optimise macro- and microcirculation in splanchnic region
Joel Starkopf (Tartu, Estonia)

Pathophysiological mechanisms and consequences of gut oedema
Annika Reintam Blaser (Tartu, Estonia)

General Discussion

S	GUESTS10 Symposium	Monday, 4 June 14:00 - 15:30	Peri-operative issues in the liver patient - Session organised by The Liver Intensive Care Group of Europe (LICAGE)	Green Room
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Chair:
Fuat Hakan Saner (Essen, Germany)
Dana Rodica Tomescu (Bucharest, Romania)



Euroanaesthesia
The European Anaesthesiology Congress

Copenhagen, Denmark

2018

2-4 June 2018

European
Society of
Anaesthesiology

ESA

Anesthesia for the cirrhotic patient

Annabel Blasi (Barcelona, Spain)

ERAS in liver surgery: is it possible at all?

Carlijn Buis (Groningen, Netherlands)

Anesthesia Management in laparoscopic liver surgery

Koen Reyntjens (Groningen, Netherlands)

Liver failure after liver surgery

Fuat Hakan Saner (Essen, Germany)



GUESTS2
Symposium

Sunday, 3 June
14:00 - 15:30

**Preeclampsia: management and outcomes in mothers and offspring -
Symposium organised by the American Society of Anaesthesiologists (ASA)**

Purple
Room



Chair:

Sulpicio G. Soriano (Boston, United States)

Diagnosis and anaesthetic management of preeclampsia

Joy Hawkins (Aurora, United States)

Long-term cardiovascular effects of preeclampsia on the mother and her offspring

David Wlody (Brooklyn, United States)

Neurodevelopment outcomes in the offspring of preeclamptic mothers

Sulpicio G. Soriano (Boston, United States)



GUESTS3
Symposium

Sunday, 3 June
14:00 - 15:30

Perioperative fluid, sepsis and antibiotics management

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

Red
Room 2



Chair:

Davy Cheng (London, Canada)

The optimal perioperative fluid management: crystalloids or colloids?

Flavio Veintemilla (Guayaquil, Ecuador)

Early goal-directed therapy in Intensive Care Unit (ICU) sepsis

Claude Martin (Marseille, France)

The right antibiotic treatment in patients with severe infection: dose, route, and duration?

Janet Martin (London, Canada)



GUESTS4
Symposium

Sunday, 3 June
16:00 - 17:30

**Perioperative echocardiography and clinical outcomes - Symposium organised
by the Brazilian Society of Anaesthesiology (SBA)**

Red
Room 1



Chair:

Marcello Fonseca Salgado Filho (Juiz de fora, Brazil)

Perioperative echocardiography and clinical outcomes in non-cardiac surgery

Marcello Fonseca Salgado Filho (Juiz de fora, Brazil)

Transesophageal Echocardiography (TEE) predicting complications in cardiac surgery

Eric Benedet Lineburger (Criciuma, Brazil)



Interventional echocardiography: key points and outcomes

Fábio Papa (São Paulo, Brazil)

S

GUESTS5
Symposium

Sunday, 3 June
16:00 - 17:30

**Perioperative care and outcomes after anaesthesia: Can we do better?
Symposium organised by the New York State Society of Anesthesiologists
(NYSSA)**

Yellow
Room 1



Chair:

Audree Bendo (Brooklyn, United States)

Perioperative care and the opioid abuse epidemic: the U.S. experience and lessons learned

Richard A. Beers (Syracuse, United States)

The elderly patient: avoiding central nervous system complications and improving brain health

Audree Bendo (Brooklyn, United States)

Enhanced recovery after surgery (ERAS) protocols for orthopedic surgery and the trend to ambulatory surgery

Meg Rosenblatt (New York, United States)

S

GUESTS6
Symposium

Monday, 4 June
10:30 - 12:00

**Education and welfare - Symposium organised by the European Board of
Anaesthesiology (EBA/UEMS)**

Turquoise
Room



Chair:

Brian Kinirons (Galway, Ireland)

Managing the underperforming trainee

Hartmut Bürkle (Freiburg, Germany)

Stress and the anaesthetist

Miodrag Milenovic (Belgrade, Serbia)

Aging and the anaesthetist

Paul Clyburn (Cardiff, United Kingdom)

Practical steps to help our wellbeing

Nancy Redfern (Newcastle, United Kingdom)

S

GUESTS7
Symposium

Monday, 4 June
10:30 - 12:00

**What is different in the management of morbidly obese patients in the
intensive care unit? - Symposium organised by the European Society for
Perioperative Care of the Obese Patient (ESPCOP)**

Yellow
Room 2



Chair:

Jean-Louis Vincent (Brussels, Belgium)

Luc De Baerdemaeker (Gent, Belgium)

Dosing of antibiotics, heparins and vasoactive drugs in the morbidly obese patients

Luc De Baerdemaeker (Gent, Belgium)

Hemodynamic monitoring of the obese in the intensive care unit

Olivier Langeron (Paris, France)

Renal replacement therapy in the obese

Daniela Godoroja (Bucharest, Romania)

S	GUESTS8 Symposium	Monday, 4 June 14:00 - 15:30	The ultrasound guided paediatric anaesthetic intervention - Symposium organised by the Society for Ultrasound in Anaesthesia (SUA)	Blue Room
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Chair:

Ekta Rai (Vellore, India)
 Rishi Diwan (Liverpool, United Kingdom)

Paravertebral ultrasound guided block in paediatric anaesthesia

Nicole Almenrader (Rome, Italy)

Ultrasound guided trunk blocks in children: what are the benefits?

Alberto Benigni (Bergamo, Italy)

Ultrasound guided paediatric lower extremity blocks

Tarun Bhalla (Columbus, United States)

Difficult vascular accesses in paediatric population undergoing organ transplantation: how and where looking by ultrasound?

Viviana Prussiani (Bergamo, Italy)

S	GUESTS9 Symposium	Monday, 4 June 14:00 - 15:30	The increasing role of nurse anaesthetists in Europe - Session organised by the International Federation of Nurse Anesthetists (IFNA) in collaboration with the ESA and the European Board of Anaesthesiologists (EBA)	Yellow Room 1
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Chair:

Marcelo Gama de Abreu* (Dresden, Germany)
 Ingrid Andersson (Lund, Sweden)

The model for the collaboration between nurses and physicians in Norway

Else-Marie Ringvold (Toensberg, Norway)
 Therese Jensen Finjarn (Oslo, Norway)

The increasing role of nurse anaesthetists in the pre-anaesthesia clinic - Pros and Cons

Brian Kinirons (Galway, Ireland)
 Charles Marc Samama* (Paris, France)

The French experience and the diversity of the professional exercise

Pascal Rod (Mantes La Jolie, France)

Discussion