Pre-congress course on current concepts in airway management –
Pre-congress course organised by the ESA Scientific Subcommittee on Respiration and Airway Management, in collaboration with the European Airway Management Society (EAMS)
**IMPORTANT NOTICE: access is limited to pre-registered delegates**

Chairs:
Ellen P. O’Sullivan (Dublin, Ireland)
Arnd Timmermann (Berlin, Germany)
Lorenz Theiler (Bern, Switzerland)
Georges Savoldelli (Geneva, Switzerland)

Introduction
Arnd Timmermann (Berlin, Germany)
Lorenz Theiler (Bern, Switzerland)

Welcome
Ellen P. O’Sullivan (Dublin, Ireland)
Robert Greif (Bern, Switzerland)*

Introduction to the hands on stations
Arnd Timmermann (Berlin, Germany)

The pearls of...

...Flexible awake intubation
Paul Baker (Auckland, New Zealand)*

...Lung separation techniques
Brian Harte (Galway, Ireland)

...Videolaryngoscopy
Lorenz Theiler (Bern, Switzerland)

...Front of neck access techniques and ventilation
Dietmar Enk (Maastricht, Netherlands)*

...Ultrasound evaluation of the airway
Michael Seltz Kristensen (Copenhagen, Denmark)

Workshop, Part 1, 3 Skillstations

Coffee break

Morbidity and mortality of airway management
Anil Patel (London, United Kingdom)
Pre-operative assessment and strategies  
Carin Hagberg (Houston, United States)*

Lunch break

Workshop Part 2 - 3 Skill stations

Small airway – big problems? (The paediatric difficult airway)  
Thomas Engelhardt (Aberdeen, United Kingdom)

Coffee break

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

Skill stations

1A. Supraglottic devices  
Anil Patel (London, United Kingdom)  
Rüdiger Noppens (London, Canada)

1B. Supraglottic devices  
Ana Maria Lopez Gutiérrez (Barcelona, Spain)*  
Timothy M. Cook (Bath, United Kingdom)

2A. Flexible optic intubation  
Carin Hagberg (Houston, United States)*  
Ellen P. O’Sullivan (Dublin, Ireland)

2B. Flexible optic intubation – Simulation  
Kamil Toker (Kocaeli, Turkey)  
Paul Baker (Auckland, New Zealand)*

3. Intubation through supraglottic device  
Tolga Saracoğlu (İstanbul, Turkey)  
Hulya Bilgin (Bursa, Turkey)

4. Lung isolation techniques  
Niels Erik Ove Andersen (Copenhagen, Denmark)  
Brian Harte (Galway, Ireland)

5. Apneic oxygenation, direct laryngoscopy and stylets  
Robert Greif (Bern, Switzerland)*  
Massimiliano Sorbello (Catania, Italy)*

6A. Direct and indirect videolaryngoscopy  
Volker Dörges (Kiel, Germany)*  
Elizabeth Behringer (Los Angeles, United States)

6B. Rigid optical laryngoscopy - paediatric  
Thomas Engelhardt (Aberdeen, United Kingdom)  
Iljas Hodzovic (Cardiff, United Kingdom)*

7. Ultrasonography in airway management  
Michael Seltz Kristensen (Copenhagen, Denmark)  
Wendy Teoh (Singapore, Singapore)
8A. Front of neck access
Maren Kleine-Brueggeney (London, United Kingdom)
Tomasz Gaszynski (Lodz, Poland)

8B. JET ventilation, EVA
Dietmar Enk (Maastricht, Netherlands)*
Vicente Martínez Pons (Valencia, Spain)

9A. Simulation - Difficult airways case A
Dick Van Groeningen (Amsterdam, Netherlands)
Johannes Huitink (Amsterdam, Netherlands)

9B. Simulation - Difficult airway case B
Nicholas Chrimes (Melbourne, Australia)
Michael Müller (Freiburg, Germany)

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

Regional anaesthesia on cadavers 1
Friday, 2 June 2017 09:00 – 12:00

Station 1: Cervical plexus
Alain Borgeat (Zurich, Switzerland)

Station 2: Brachial plexus
José Alejandro Aguirre (Zurich, Switzerland)

Station 3: Chest and abdominal wall
Sébastien Bloc (Quincy-Sous-Sénart, France)

Station 4: Lumbosacral plexus
Slobodan Gligorjevic (Zurich, Switzerland)

Station 5: Spine
Urs Eichenberger (Zurich, Switzerland)

Station 6: Needling
Sheriff Abbas (Louvain, Belgium)
Sylvain Gander (Yverdon, Switzerland)

Station 7: Multimedia session
Hugues Cadas (Lausanne, Switzerland)
Regional anaesthesia on cadavers 2
**IMPORTANT NOTICE: access is limited to pre-registered delegates**

Chairs:
Eric Albrecht (Lausanne, Switzerland)
Hugues Cadas (Lausanne, Switzerland)

Station 1: Cervical plexus
Alain Borgeat (Zurich, Switzerland)

Station 2: Brachial plexus
José Alejandro Aguirre (Zurich, Switzerland)

Station 3: Chest and abdominal wall
Sébastien Bloc (Quincy-Sous-Sénart, France)

Station 4: Lumbosacral plexus
Slobodan Gligorjevic (Zurich, Switzerland)

Station 5: Spine
Urs Eichenberger (Zurich, Switzerland)

Station 6: Needling
Sheriff Abbas (Louvain, Belgium)
Sylvain Gander (Yverdon, Switzerland)

Station 7: Multimedia session
Hugues Cadas (Lausanne, Switzerland)

Surgical procedures in critical emergency medicine (Part 1) - a cadaver course with a focus on vascular access –
**IMPORTANT NOTICE: access is limited to pre-registered delegates**

Chairs:
Karl-Christian Thies (Birmingham, United Kingdom)
Chirs Ross (Boston, United States)

Overview; Saphenous vein cutdown demonstration; Intraosseous demonstration; Lateral canthotomy demonstration; Practice demo procedures (Tables 1-4 rotate through airway table every 15 minutes); Central venous access demonstration; Suprapubic catheterization; Chest tubes and pneumothorax catheter kits; Practice demo procedures (Table 5-10 rotate through airway table every 15 minutes); Wrap up
Catherine Heim (Lausanne, Switzerland)
Jonathan Tilsed (Hull, United Kingdom)
Eric Voiglio (Lyon, France)
Al Mountain (Birmingham, United Kingdom)
Jochen Hinkelbein (Köln, Germany)
Aytén Saracoglu (İstanbul, Turkey)
Kurt Ruegzler (Cleveland, United States)
Carlos Mesquita (Coimbra, Portugal)
Louis Riddez (Stockholm, Sweden)
Hayato Kurihara (Milan, Italy)
Mauro Zago (Bergamo, Italy)
Robbie Lendrum (London, United Kingdom)
Surgical procedures in critical emergency medicine (Part 2) - a Cadaver course with a focus on immediately life saving procedures

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

**Chairs:**
Karl-Christian Thies (Birmingham, United Kingdom)
Chirs Ross (Boston, United States)

Welcome and overview; Intraosseous demonstration; Arthrocentesis demonstration; Cricothyrotomy – Closed and open technique; Practice procedures - (Tables 1-5 rotate through airway/ultrasound table every 15 minutes); Cranial burr holes demonstration; Pericardiocentesis demonstration; Thoracotomy demonstration; Practice demo procedures (Tables 6-10 rotate through airway/ultrasound table every 18 minutes); Wrap up

Catherine Heim (Lausanne, Switzerland)
Jonathan Tilsed (Hull, United Kingdom)
Eric Voiglio (Lyon, France)
Al Mountain (Birmingham, United Kingdom)
Jochen Hinkelbein (Köln, Germany)
Aytan Saracoglu (İstanbul, Turkey)
Kurt Ruetzler (Cleveland, United States)
Carlos Mesquita (Coimbra, Portugal)
Louis Riddez (Stockholm, Sweden)
Hayato Kurihara (Milan, Italy)
Mauro Zago (Bergamo, Italy)
Robbie Lendrum (londo, United Kingdom)

Pre-congress course on ultrasound use in critical care and anaesthesia

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

**Chair:**
Patrick Wouters (Ghent, Belgium)

Lectures and hands-on stations
Johan Bence (Leicester, United Kingdom)
Dominique Bettex (Zurich, Switzerland)
Raoul Breitkreutz (Frankfurt, Germany)
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 Hebbali (Leicester, United Kingdom)
Michael Sander (Gießen, Germany)
Erik Sloth (Aarhus, Denmark)*
Sascha Treskatsch (Berlin, Germany)
Stefan Weber (Bonn, Germany)
Patrick Wouters (Ghent, Belgium)
Peter Juhl-Olsen (Aarhus, Denmark)
Michael Schupp (Glenfield, United Kingdom)
Anaesthesia for the morbidly obese patient: basic issues
Pre-congress course organised by the European Society for Perioperative Care of the Obese Patient (ESPCOP)
**IMPORTANT NOTICE: access is limited to pre-registered delegates**

Chairs:
Luc De Baerdemaeker (Ghent, Belgium)
Jan Paul Mulier (Bruges, Belgium)
Michael Margarson (Chichester, United Kingdom)

Introduction and background

Anaesthetic disasters and obesity: why we run this course...
Jonathan Cousins (London, United Kingdom)

BMI and fat distribution
Michael Margarson (Chichester, United Kingdom)

Drug dosing in the morbidly obese
Luc De Baerdemaeker (Ghent, Belgium)

Questions and discussion

THE IMPACT OF OBESITY

The Metabolic syndrome
Chris Bouch (Leicester, United Kingdom)

Cardiovascular effects of obesity
Johnatan Redman (York, United Kingdom)

Respiratory effects of obesity
Tomasz Gaszynski (Lodz, Poland)

Questions and discussion

Coffee break

SLEEP APNOEA

Pathophysiology and mechanisms
Johnatan Redman (York, United Kingdom)

Screening and treatment
Michael Margarson (Chichester, United Kingdom)

Peri-operative pitfalls
Jan Paul Mulier (Bruges, Belgium)

Questions and discussion

PRE-OPERATIVE ASSESSMENT TO REDUCE RISK

Cardiac risk and assessment
Johnatan Redman (York, United Kingdom)
The anaesthesiologist and the MDT: risk-benefit judgements
Michael Margarson (Chichester, United Kingdom)

Fasting guidelines in the obese
Luc De Baerdemaeker (Ghent, Belgium)

Questions and discussion

Lunch break

AIRWAYS AND VENTILATION

How to safely intubate and extubate the obese patient
Daniela Godoroja (Budapest, Romania)

Pulmonary mechanics and ventilation in the obese
Tomasz Gaszynski (Lodz, Poland)

The pneumoperitoneum
Jan Paul Mullier (Bruges, Belgium)

Post-op care and thromboprophylaxis
Chris Bouch (Leicester, United Kingdom)

Coffee break

ANAESTHETIC SYSTEMS AND SPECIAL CASES

Regional techniques?
Daniela Godoroja (Budapest, Romania)

The ideal analgesic technique?
Chris Bouch (Leicester, United Kingdom)

The ideal anaesthetic technique?
Jonathan Cousins (London, United Kingdom)

Multiple Choice Questions: questions and answers
Jan Paul Mullier (Bruges, Belgium)
Luc De Baerdemaeker (Ghent, Belgium)

Interactive voting using Kahoot

Panel of speakers
Ethical practice and difficult decision making -
**IMPORTANT NOTICE: access is limited to pre-registered delegates**

**Room L**

**Chair:**
Paul McConnell (Paisley, United Kingdom)

**Introduction and overview**
Paul McConnell (Paisley, United Kingdom)

**Principles of biomedical ethics**
Michael Roddis (London, United Kingdom)

**Group work**

**Ethical conflict and moral leadership**
Michael Roddis (London, United Kingdom)

**Group work**

**Break**

**Principals of consent, capacity and best interests**
Claire McLaughlan (Stockbridge, United Kingdom)

**End of Life Care and the principle of futility**
Paul McConnell (Paisley, United Kingdom)

**Group work**

**Summary and close**
Michael Roddis (London, United Kingdom)

Point of care guided haemostatic management during massive bleeding
**IMPORTANT NOTICE: access is limited to pre-registered delegates**

**Room E**

**Chairs:**
Christian Fenger-Eriksen (Aarhus, Denmark)
Christa Boer (Amsterdam, Netherlands)*

**The coagulation system**
Christa Boer (Amsterdam, Netherlands)*

**Pathophysiology of coagulation during bleeding**
Christian Fenger-Eriksen (Aarhus, Denmark)

**Monitoring coagulation and platelet function during surgery / bleeding**
Aamer Ahmed (Leicester, United Kingdom)

**Monitoring and reversal of Direct Oral Anticoagulant (DOAC) therapy**
Alexander Vlaar (Amsterdam, Netherlands)

**Coffee break**

**Treatment of preoperative anaemia**
Christian Von Heymann (Berlin, Germany)*
Transfusion strategies and micro-circulatory oxygenation  
Christa Boer (Amsterdam, Netherlands)*

Goal directed haemostatic treatment during bleeding  
Dietmar Fries (Innsbruck, Austria)

Coffee break

Prevention of venous thromboembolism  
Charles-Marc Samama (Paris, France)*

Group work

Thromboelastometry (ROTEM)/Thromboelastography (TEG) Hands-on  
Platelet function analyser

Treatment algorithms

Case presentation and discussion

Pre-congress course on intraoperative neuromonitoring: the basics and the evidence -  
**IMPORTANT NOTICE: access is limited to pre-registered delegates

Chair:  
Massimo Lamperti (Abu Dhabi, United Arab Emirates)

Registration and welcome  
Massimo Lamperti (Abu Dhabi, United Arab Emirates)

Basics of electroencephalogram for the non-neuroanaesthesiologist  
Maria Cristina Honorato (Pamplona, Spain)

Awareness during anaesthesia: where are we?  
Lionel Velly (Marseille, France)

Can we change our anaesthesia and sedation management?  
Massimo Lamperti (Abu Dhabi, United Arab Emirates)

Coffee break

Cerebral oximetry  
Rafael Badenes (Valencia, Spain)

Basics of trans-cranial doppler for the non-neuroanaesthesiologist  
Frank A. Rasulo (Brescia, Italy)

Lunch break

Basics on evoked potentials  
Pierre Pandin (Brussels, Belgium)

NEUROFAST WORKSHOP
Neurofast and Trans Cranial Doppler (TDC) workshop on ultrasound machines
Frank A. Rasulo (Brescia, Italy)
Massimo Lamperti (Abu Dhabi, United Arab Emirates)

Coffee break

Evoked potentials: the basics
Pierre Pandin (Brussels, Belgium)

Scenario with problem-based learned discussion
Maria Cristina Honorato (Pamplona, Spain)
Lionel Velly (Marseille, France)

Conclusions

Ultrasound guided central venous access in neonates, infants and children
**IMPORTANT NOTICE: access is limited to pre-registered delegates

Chairs:
Nicola Disma (Genoa, Italy)
Mauro Pittiruti (Rome, Italy)

Introduction
Nicola Disma (Genoa, Italy)

Ultrasound guidance in venous access: guidelines and evidence from the literature
Thierry Pirotte (Brussels, Belgium)

Ultrasound anatomy of the veins of the supra/infraclavicular area
Christian Breschan (Klagefurt, Austria)

Ultrasound visualization and Near InfraRed (NIR) visualization of peripheral veins
Daniele G. Biasucci (Rome, Italy)

Indications and technique of intra-osseous access
Nicola Disma (Genoa, Italy)

Centrally inserted central venous catheters in infants and children
Mauro Pittiruti (Rome, Italy)

Discussion

Coffee break

Centrally inserted central venous catheters in neonates
Christian Breschan (Klagefurt, Austria)

Peripherally inserted central venous catheters in children
Thierry Pirotte (Brussels, Belgium)

Tip location of central venous access: intracavitary electrocardiogram, radiology, echocardiography
Daniele G. Biasucci (Rome, Italy)

Insertion technique and infection prevention
Nicola Disma (Genoa, Italy)
Insertion technique and prevention of thrombosis
Mauro Pittiruti (Rome, Italy)

Discussion

Lunch break

Station 1 - Visualization of peripheral veins of the arm by ultrasound and Near Infrared (NIR)
Daniele G. Biasucci (Rome, Italy)

Station 2 - Ultrasound visualization of central veins of the supra/infraclavicular area
Mauro Pittiruti (Rome, Italy)

Station 3 - Ultrasound guided venepuncture
Christian Breschan (Klagenfurt, Austria)

Station 4 - Intra-osseous access and US-guided vascular cannulation
Nicola Disma (Genoa, Italy)

Station 5 - Presentation and discussion of videos on paediatric vascular access
Thierry Pirotte (Brussels, Belgium)

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

Perioperative medicine in daily practice

- **Chairs:**
  - Bernhard Walder (Geneva, Switzerland)
  - Bernardo Bollen Pinto (Geneva, Switzerland)
  - Amaury Govaerts (Geneva, Switzerland)
  - Mohamed Aymen Kraiem Ben Rached (Geneva, Switzerland)

- **Introduction to perioperative medicine**
  - Bernhard Walder (Geneva, Switzerland)

- **Pre-course assessment: identifying knowledge gaps in perioperative medicine**
  - Mohamed Aymen Kraiem Ben Rached (Geneva, Switzerland)
  - Bernardo Bollen Pinto (Geneva, Switzerland)
  - Gleicy Keli Barcelos (Geneva, Switzerland)
  - Amaury Govaerts (Geneva, Switzerland)

- **Perioperative stress response: understanding the physiological changes during the perioperative period**
  - Bernardo Bollen Pinto (Geneva, Switzerland)

- **Perioperative leadership principles: Understanding the perioperative clinical pathway**
  - Sina Grape (Sion, Switzerland)

- **Coffee break**

- **Perioperative cardiac function: identifying cardiac risk factors, anticipating, preventing, and managing impaired cardiac function**
  - Bernardo Bollen Pinto (Geneva, Switzerland)

- **Perioperative renal function: identifying risk factors of acute kidney injury and strategies to prevent renal failure**
  - Amaury Govaerts (Geneva, Switzerland)
  - Mohamed Aymen Kraiem Ben Rached (Geneva, Switzerland)
Lunch break

Perioperative pulmonary function and airway: Identifying risk factors of respiratory distress and strategies to reduce pulmonary complications
Bernhard Walder (Geneva, Switzerland)

Perioperative cognitive function: Identifying risk factors of cognitive disorders and their differential diagnosis
Gleicy Keli Barcelos (Geneva, Switzerland)

Coffee break

Practical illustration of newly acquired knowledge through clinical scenarios
Mohamed Aymen Kraiem Ben Rached (Geneva, Switzerland)
Bernardo Bollen Pinto (Geneva, Switzerland)
Gleicy Keli Barcelos (Geneva, Switzerland)
Amaury Govaerts (Geneva, Switzerland)

Post-course assessment: Fulfilling previously identified knowledge gaps
Mohamed Aymen Kraiem Ben Rached (Geneva, Switzerland)
Bernardo Bollen Pinto (Geneva, Switzerland)
Gleicy Keli Barcelos (Geneva, Switzerland)
Amaury Govaerts (Geneva, Switzerland)

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**Postgraduate course on patient-ventilator asynchrony**
Friday, 2 June 2017
10:00 – 12:00
Room F

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

How I detect and fix
Paolo Pelosi (Genoa, Italy)

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**Postgraduate course on problem-based learning in thoracic anaesthesia**
Friday, 2 June 2017
14:00 – 16:00
Room F

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

My most challenging cases
Edmond Cohen (New York, United States)
**Pre-congress course on sepsis**

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>09:00</td>
<td><em><strong>Chair:</strong></em> Sharon Einav (Jerusalem, Israel)</td>
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<tr>
<td>09:30</td>
<td><strong>Introduction</strong>Claude Martin (Marseille, France)</td>
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<tr>
<td>10:15</td>
<td><strong>INFECTION CONTROL</strong></td>
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<td>10:30</td>
<td><strong>Performing a sepsis workup</strong> Ricard Ferrer Roca (Barcelona, Spain)</td>
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<tr>
<td>11:00</td>
<td><strong>Choosing empirical therapy for community acquired infections</strong> Ricard Ferrer Roca (Barcelona, Spain)</td>
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<tr>
<td>11:30</td>
<td><strong>Choosing empirical and non empirical antibiotic therapy for hospital-acquired infections</strong> Marc Leone (Marseille, France)*</td>
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<tr>
<td>12:00</td>
<td><strong>Choosing correct isolation levels and types</strong> Sharon Einav (Jerusalem, Israel)</td>
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<td>12:30</td>
<td><strong>Coffee break</strong></td>
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<tr>
<td>13:00</td>
<td><em><strong>PHYSIOLOGY AND PATHOPHYSIOLOGY</strong></em></td>
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<td>13:15</td>
<td><strong>Pathophysiology of hemodynamic derangement in septic shock</strong> Fabio Guarracino (Pisa, Italy)</td>
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<td>13:45</td>
<td><strong>Hemodynamic resuscitation targets</strong> Daniel De Backer (Brussels, Belgium)</td>
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<td>14:15</td>
<td><strong>The phase of critical illness and goal-directed therapy</strong> Mikhail Kirov (Arkhangelsk, Russian Federation)*</td>
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<td>14:45</td>
<td><strong>Protocolised versus individualised treatment</strong> Daniel De Backer (Brussels, Belgium)</td>
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<td>15:15</td>
<td><strong>Lunch break</strong></td>
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<td>15:45</td>
<td><em><strong>MONITORING</strong></em></td>
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<td>16:00</td>
<td><strong>Determining minimal hemodynamic monitoring</strong> Mikhail Kirov (Arkhangelsk, Russian Federation)*</td>
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<td>16:30</td>
<td><strong>Evaluating fluid responsiveness</strong> Jukka Takala (Bern, Switzerland)</td>
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<tr>
<td>17:00</td>
<td><strong>Monitoring the microcirculation</strong> Zsolt Molnar (Szeged, Hungary)</td>
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<td>17:30</td>
<td><strong>Common mistakes made when using ScvO2, lactate and the PCO2 gap</strong> Stephan Jakob (Bern, Switzerland)*</td>
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<tr>
<td>18:00</td>
<td><strong>Coffee break</strong></td>
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FROM THEORY TO PRACTICE

Choosing the right fluid
Arash Afshari (Copenhagen, Denmark)

Choosing the right vasopressor
Maija Kaukonen (Helsinki, Finland)

My septic patient is not passing urine- what should I do?
Luigi Forni (Guildford, United Kingdom)

Clinical challenge: managing a real case
Claude Martin (Marseille, France)

Summary
Claude Martin (Marseille, France)

Spinal sonography course
Pre-congress course organised by the Society for Ultrasound in Anaesthesia (SUA)
**IMPORTANT NOTICE: access is limited to pre-registered delegates

Chairs:
Prit Anand Singh (Edinburgh, United Kingdom)
Sumit Gulati (Liverpool, United Kingdom)

Ultrasound guidance concepts and needles
Atul Gaur (Leicester, United Kingdom)

Masterclass in lumbar/sacral spine sonography including facet joint, sacroiliac, caudal
Matav Mehra (Dirksland, Netherlands)

Demonstration: lumbar spine sonography
Vijay Kumar (Scunthorpe, United Kingdom)
Mohjir Baloch (Frimley, United Kingdom)
Arif Ghazi (London, United Kingdom)

Coffee break

Masterclass in thoracic spine and paraspinal sonography including paravertebral, dorsal root ganglio
Xavier Sala - Blanch (Barcelona, Spain)

Demonstration - thoracic spine sonography
Simon Bindelle (Camberley, United Kingdom)
Kiran Kumar Koneti (London, United Kingdom)
Philip Das (Dublin, Ireland)

How I do it: blocks for abdominal, trunk surgery
Prit Anand Singh (Edinburgh, United Kingdom)

Lunch and interactive demonstration
Dave Patel (Northampton, United Kingdom)
Yurvaj Kukreja (Surrey, United Kingdom)

Guidelines and evidence base to use ultrasound for spinal and paraspinal injections
Sheelaj Sharma (Basildon, United Kingdom)
Philippe Gautier (Brussels, Belgium)
Masterclass in cervical spine sonography
Michael Sommer (Maastricht, Netherlands)

Demonstration - cervical spine sonography: roots, facet joints
Sumit Gulati (Liverpool, United Kingdom)
Deepak Malik (Birmingham, United Kingdom)
Raja Reddy (Gillingham, United Kingdom)

Coffee break

How I do it - paediatric spine
Rishi Diwan (Liverpool, United Kingdom)

How I do it – obstetric
Philippe Gautier (Brussels, Belgium)

Faculty Q&A, demonstration on volunteer
<table>
<thead>
<tr>
<th>Workshop</th>
<th>Date</th>
<th>Time</th>
<th>Room</th>
<th>Description</th>
<th>Chairs</th>
<th>Life-threatening operating room crisis</th>
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<tbody>
<tr>
<td>SIMLABA1</td>
<td>Saturday, 3 June</td>
<td>10:30 – 12:00</td>
<td>SimLab</td>
<td>SIM SPACE workshop - Life-threatening operating room crisis (High fidelity simulation session) **IMPORTANT NOTICE: access is limited to pre-registered delegates</td>
<td>Dan Benhamou (Paris, France) Georges Savoldelli (Geneva, Switzerland)</td>
<td>Benno Rehberg-Klug (Geneva, Switzerland) Amaury Govaerts (Geneva, Switzerland) Morgan Le Guen (Paris, Switzerland)</td>
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<td>SIMLABA2</td>
<td>Saturday, 3 June</td>
<td>16:00 – 17:30</td>
<td>SimLab</td>
<td>SIM SPACE workshop - Life-threatening operating room crisis (High fidelity simulation session) **IMPORTANT NOTICE: access is limited to pre-registered delegates</td>
<td>Dan Benhamou (Paris, France) Georges Savoldelli (Geneva, Switzerland)</td>
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<td>Room 1</td>
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<tr>
<td>SIMLABA3</td>
<td>Sunday, 4 June</td>
<td>10:30 – 12:00</td>
<td>SimLab</td>
<td>SIM SPACE workshop - Life-threatening operating room crisis (High fidelity simulation session) **IMPORTANT NOTICE: access is limited to pre-registered delegates</td>
<td>Georges Savoldelli (Geneva, Switzerland) Dan Benhamou (Paris, France)</td>
<td>Domitille Dereu (Geneva, Switzerland) Georges Savoldelli (Geneva, Switzerland) Antonia Blanié (Paris, France)</td>
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<tr>
<td>Date</td>
<td>Time</td>
<td>SIM SPACE workshop - Life-threatening operating room crisis (High fidelity simulation session)</td>
<td>SimLab Room</td>
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<tr>
<td>Sunday, 4 June 2017</td>
<td>16:00 – 17:30</td>
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**Chairs:**
- Dan Benhamou (Paris, France)
- Georges Savoldelli (Geneva, Switzerland)
- Domitille Dereu (Geneva, Switzerland)
- Antonia Blanié (Paris, France)

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>SIM SPACE Workshop - Ultrasound guided central venous access (Simulation-based procedural skills workshop)</th>
<th>SimLab Room</th>
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<tbody>
<tr>
<td>Saturday, 3 June 2017</td>
<td>10:30 – 12:00</td>
<td><strong>IMPORTANT NOTICE: access is limited to pre-registered delegates</strong></td>
<td>2</td>
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</tbody>
</table>

**Chairs:**
- Dan Benhamou (Paris, France)
- Georges Savoldelli (Geneva, Switzerland)
- Vanessa Cartier (Geneva, Switzerland)
- Marcel Rohrer (Geneva, Switzerland)
- Julien Maillard (Geneva, Switzerland)
- Selin Kivrak (Geneva, Switzerland)

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>SIM SPACE Workshop - Ultrasound guided central venous access (Simulation-based procedural skills workshop)</th>
<th>SimLab Room</th>
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<tbody>
<tr>
<td>Sunday, 4 June 2017</td>
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SIM SPACE Workshop - Ultrasound guided central venous access (Simulation-based procedural skills workshop)
**IMPORTANT NOTICE: access is limited to pre-registered delegates**

**Chairs:**
Georges Savoldelli (Geneva, Switzerland)
Dan Benhamou (Paris, France)

**Ultrasound guided central venous access**
Vanessa Cartier (Geneva, Switzerland)
Marcel Rohrer (Geneva, Switzerland)
Julien Maillard (Geneva, Switzerland)
Selin Kivrak (Geneva, Switzerland)

SIM SPACE workshop - Airway management (High fidelity simulation session)
**IMPORTANT NOTICE: access is limited to pre-registered delegates**

**Chairs:**
Dan Benhamou (Paris, France)
Georges Savoldelli (Geneva, Switzerland)

**Airway Management**
Benno Rehberg-Klug (Geneva, Switzerland)
Amaury Govaerts (Geneva, Switzerland)

SIM SPACE workshop - Airway management (High fidelity simulation session)
**IMPORTANT NOTICE: access is limited to pre-registered delegates**

**Chairs:**
Dan Benhamou (Paris, France)
Georges Savoldelli (Geneva, Switzerland)

**Airway Management**
Domitille Dereu (Geneva, Switzerland)
Georges Savoldelli (Geneva, Switzerland)
Antonia Blanié (Paris, France)
<table>
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<tr>
<th>SIMLABC3 Workshop</th>
<th>Sunday, 4 June 2017</th>
<th>14:00 – 15:30</th>
<th>SimLab Room 1</th>
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<tr>
<td><strong>SIM SPACE workshop - Airway management (High fidelity simulation session)</strong></td>
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<tr>
<th>SIMLABD1 Workshop</th>
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<th>SimLab Room 2</th>
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<tr>
<td><strong>SIM SPACE workshop - Basic Transthoracic Echocardiography (TTE) for anaesthesiologists (Simulation-based procedural skills workshop)</strong></td>
<td><strong>IMPORTANT NOTICE: access is limited to pre-registered delegates</strong></td>
<td>Chairs: Dan Benhamou (Paris, France) Georges Savoldelli (Geneva, Switzerland) Basic Transthoracic Echocardiography (TTE) for anaesthesiologists Karim Bendjelid (Geneva, Switzerland) Sophie Hamada (Paris, France) Paul Samuel Abraham (Geneva, Switzerland)</td>
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<tr>
<th>SIMLABD2 Workshop</th>
<th>Saturday, 3 June 2017</th>
<th>16:00 – 17:30</th>
<th>SimLab Room 2</th>
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| SIMLABE1 | Sunday, 4 June 2017 | 08:30 – 10:00 | SIM SPACE workshop - Basic Trans-Esophageal Echocardiography (TEE) for anaesthesiologists (Simulation-based procedural skills workshop) **IMPORTANT NOTICE: access is limited to pre-registered delegates | SimLab Room 2 | Chairs:  
Dan Benhamou (Paris, France)  
Georges Savoldelli (Geneva, Switzerland) | Basic Trans-Esophageal Echocardiography (TEE) for anaesthesiologists  
Christoph Ellenberger (Geneva, Switzerland)  
Paul Samuel Abraham (Geneva, Switzerland)  
Virginie Dumans (Paris, France) |
| SIMLABE2 | Sunday, 4 June 2017 | 10:30 – 12:00 | SIM SPACE workshop - Basic Trans-Esophageal Echocardiography (TEE) for anaesthesiologists (Simulation-based procedural skills workshop) **IMPORTANT NOTICE: access is limited to pre-registered delegates | SimLab Room 2 | Chairs:  
Dan Benhamou (Paris, France)  
Georges Savoldelli (Geneva, Switzerland) | Basic Trans-Esophageal Echocardiography (TEE) for anaesthesiologists  
Christoph Ellenberger (Geneva, Switzerland)  
Paul Samuel Abraham (Geneva, Switzerland)  
Virginie Dumans (Paris, France) |
| SIMLABE3 | Monday, 5 June 2017 | 10:30 – 12:00 | SIM SPACE workshop - Basic Trans-Esophageal Echocardiography (TEE) for anaesthesiologists (Simulation-based procedural skills workshop) **IMPORTANT NOTICE: access is limited to pre-registered delegates | SimLab Room 2 | Chairs:  
Dan Benhamou (Paris, France)  
Georges Savoldelli (Geneva, Switzerland) | Basic Trans-Esophageal Echocardiography (TEE) for anaesthesiologists  
Christoph Ellenberger (Geneva, Switzerland)  
Paul Samuel Abraham (Geneva, Switzerland)  
Virginie Dumans (Paris, France) |
| SIMLABF1 | Monday, 5 June 2017 | 08:30 – 10:00 | SIM SPACE workshop - Challenges in mechanical ventilation in the ICU patient (High fidelity simulation session) **IMPORTANT NOTICE: access is limited to pre-registered delegates | SimLab Room 1 | | |
Chairs:
Dan Benhamou (Paris, France)
Georges Savoldelli (Geneva, Switzerland)

Challenges in mechanical ventilation in the ICU patient
Laurence Fabian (Geneva, Switzerland)
Samy Figueiredo (Paris, France)
Dan Benhamou (Paris, France)

SIM SPACE workshop - Challenges in mechanical ventilation in the ICU patient (High fidelity simulation session)
**IMPORTANT NOTICE: access is limited to pre-registered delegates

Chairs:
Dan Benhamou (Paris, France)
Georges Savoldelli (Geneva, Switzerland)

Challenges in mechanical ventilation in the ICU patient
Laurence Fabian (Geneva, Switzerland)
Samy Figueiredo (Paris, France)
Dan Benhamou (Paris, France)

SIM SPACE workshop - Ultrasound evaluation in trauma: the FAST exam (Simulation-based procedural skills workshop)
**IMPORTANT NOTICE: access is limited to pre-registered delegates

Chairs:
Dan Benhamou (Paris, France)
Georges Savoldelli (Geneva, Switzerland)

Ultrasound evaluation in trauma: the FAST exam
Christoph Ellenberger (Geneva, Switzerland)
Anatole Harrois (Paris, France)
Georges Savoldelli (Geneva, Switzerland)
<table>
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<tr>
<th>Workshop</th>
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<th>Location</th>
<th>Chairs</th>
<th>Description</th>
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</table>
| SIMLABG2 | Monday, 5 June 2017 | 14:00 – 15:30 | SimLab Room 2 | Dan Benhamou (Paris, France), Georges Savoldelli (Geneva, Switzerland) | SIM SPACE workshop - Ultrasound evaluation in trauma: the FAST exam (Simulation-based procedural skills workshop) **IMPORTANT NOTICE: access is limited to pre-registered delegates**
| SIMLABH1 | Monday, 5 June 2017 | 10:30 – 12:00 | SimLab Room 1 | Dan Benhamou (Paris, France), Georges Savoldelli (Geneva, Switzerland) | SIM SPACE workshop - Challenging cases in the trauma room (High fidelity simulation session) **IMPORTANT NOTICE: access is limited to pre-registered delegates**
| THORWA | Sunday, 4 June 2017 | 09:00 – 12:00 | Hall 1 - Room 5 | Marcelo Gama de Abreu (Dresden, Germany)*, Edmond Cohen (New York, United States) | Thoracic anaesthesia hands-on workshop 1 **IMPORTANT NOTICE: access is limited to pre-registered delegates**

**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)
Giorgio Della Rocca (Udine, 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 Granell Gil (Valencia, Spain)
Thomas 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
Marcelo Gama de Abreu (Dresden, Germany)*
Thomas Bluth (Dresden, Germany)

Thoracic anaesthesia hands-on workshop 2
Hall 1 - Room 5
Sunday, 4 June 2017
14:00 – 17:00
**IMPORTANT NOTICE: access is limited to pre-registered delegates

Chairs:
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!
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Hands-on demonstration

Station 1: Double lumen tubes
Marc-Joseph Licker (Geneva, Switzerland)
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Station 6: Analgesia 2 - Paravertebral blocks
Padraig Mahon (Cork, Ireland)
Oliver Vicent (Dresden, Germany)
Station 7: Management of hypoxemia during one-lung ventilation
Marcelo Gama de Abreu (Dresden, Germany)*
Thomas Bluth (Dresden, Germany)

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**Ultrasound-guided regional anaesthesia 1**

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

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

**Interscalene and supraclavicular brachial plexus blocks**
Matthias Sluga (Fribourg, Switzerland)

**Infraclavicular and axillary brachial plexus blocks**
Andreas Burgi (Zurich, Switzerland)

**Chest and abdominal wall blocks**
Moira Baeriswyl (Lausanne, Switzerland)

**Femoral nerve, iliofascial, and adductor canal blocks**
Roxane Fournier (Geneva, Switzerland)

**Sciatic nerve block with different approaches**
Andrea Saporito (Bellinzona, Switzerland)

**Neuraxial and paravertebral blocks**
Cedric Luyet (Bern, Switzerland)*

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**Ultrasound-guided regional anaesthesia 2**

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

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

**Interscalene and supraclavicular brachial plexus blocks**
Matthias Sluga (Fribourg, Switzerland)

**Infraclavicular and axillary brachial plexus blocks**
Andreas Burgi (Zurich, Switzerland)

**Chest and abdominal wall blocks**
Moira Baeriswyl (Lausanne, Switzerland)

**Femoral nerve, iliofascial, and adductor canal blocks**
Roxane Fournier (Geneva, Switzerland)

**Sciatic nerve block with different approaches**
Andrea Saporito (Bellinzona, Switzerland)

**Neuraxial and paravertebral blocks**
Cedric Luyet (Bern, Switzerland)*

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**Ultrasound guided regional anaesthesia 3**

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

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

**Interscalene and supraclavicular brachial plexus blocks**
Matthias Sluga (Fribourg, Switzerland)

**Infraclavicular and axillary brachial plexus blocks**
Andreas Burgi (Zurich, Switzerland)

**Chest and abdominal wall blocks**
Moira Baeriswyl (Lausanne, Switzerland)

**Femoral nerve, iliofascial, and adductor canal blocks**
Roxane Fournier (Geneva, Switzerland)

**Sciatic nerve block with different approaches**
Andrea Saporito (Bellinzona, Switzerland)

**Neuraxial and paravertebral blocks**
Cedric Luyet (Bern, Switzerland)*
**USRAWD Workshop**

**Sunday, 4 June 2017**
14:00 – 17:00

**Ultrasound guided regional anaesthesia 4**
**Room 6**

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

**Interscalene and supraclavicular brachial plexus blocks**
José Alejandro Aguirre (Zurich, Switzerland)

**Infraclavicular and axillary brachial plexus blocks**
Sina Grape (Sion, Switzerland)

**Chest and abdominal wall blocks**
Stephane Villet (Fribourg, Switzerland)*

**Femoral nerve, iliofascial, and adductor canal blocks**
Philippe Lasser (Lausanne, Switzerland)

**Sciatic nerve block with different approaches**
Matthias Desmet (Kortrijk, Belgium)

**Neuraxial and paravertebral blocks**
Urs Eichenberger (Zurich, Switzerland)

**USRAWE Workshop**

**Monday, 5 June 2017**
09:00 – 12:00

**Ultrasound guided regional anaesthesia 5**
**Room 6**

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

**Interscalene and supraclavicular brachial plexus blocks**
Pablo Mondragon (Fribourg, Switzerland)*

**Infraclavicular and axillary brachial plexus blocks**
Eric Weber (Sion, Switzerland)
### Ultrasound guided regional anaesthesia 6
**Room 6**
**Monday, 5 June 2017 14:00 – 17:00**

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

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>14:00 – 17:00</td>
<td><strong>USRAWF Workshop</strong></td>
</tr>
</tbody>
</table>

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

- **Interscalene and supraclavicular brachial plexus blocks**
  Pablo Mondragon (Fribourg, Switzerland)*

- **Infraclavicular and axillary brachial plexus blocks**
  Eric Weber (Sion, Switzerland)

- **Chest and abdominal wall blocks**
  Sheriff Abbas (Louvain, Belgium)

- **Femoral nerve, iliofascial, and adductor canal blocks**
  Christian Balmer (Sion, Switzerland)

- **Sciatic nerve block with different approaches**
  Sébastien Bloc (Quincy-Sous-Sénart, France)

- **Neuraxial and paravertebral blocks**
  Marc René Suter (Lausanne, Switzerland)