



PRE-CONGRESS COURSES AND WORKSHOPS

CC

AIRC
Pre-congress
Course

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



Chairs:

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-Brueggene (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 Dörge (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)
Imran Ahmad (West Bromwich, United Kingdom)

Station 7B - Miscellaneous / Airway aids

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

Maren Kleine-Brueggene (London, United Kingdom)
Tomasz Gaszynski* (Lodz, Poland)

Station 8B - Front of neck access: JET ventilation, 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

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

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

Chair:

Francis Veyckemans (Lille, France)
Nicola Disma (London, United Kingdom)

Introduction

Francis Veyckemans (Lille, France)
Karin Becke (Nürnberg, Germany)

Basics:

Preoperative assessment (identifying risk factors)

Francis Veyckemans (Lille, France)

Airway management algorithm

Thomas Engelhardt (Aberdeen, United Kingdom)

Perioperative IV fluids

Nicola Disma (London, United Kingdom)

Monitoring

Tom Giedsing Hansen (Odense, Denmark)

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

Claudia Hoehne (Leipzig, Germany)

Discussions

Lunch break

Problem-based learning

1- Difficult intubation

Thomas Engelhardt (Aberdeen, United Kingdom)

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

Walid Habre (Geneva, Switzerland)

3- Vascular access

Nicola Disma (London, United Kingdom)

4- Cardiac arrest: APLS

Ignacio Galvez Escalera (Palma de Mallorca, Spain)

5- Regional anaesthesia

Per-Arne Lönnqvist (Stockholm, Sweden)

CC

CADLAB1
Pre-congress
Course

Life saving invasive procedures in critical emergency medicine (CREM) 1

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

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:

Mauro Zago (Ponte San Pietro, Italy)
Kurt Ruetzler (Cleveland, United States)
Jochen Hinkelbein (Cologne, Germany)
Carlos Mesquita (Coimbra, Portugal)
Jonathan Tilsed (Hull, United Kingdom)
Hayato Kurihara (Milan, Italy)
Robbie Lendrum (Glasgow, United Kingdom)
Ayten Saracoglu (Istanbul, Turkey)
Louis Riddez (Stockholm, Sweden)
Catherine Heim (Lausanne, Switzerland)
Ben Clark (Stoke-on-Trent, United Kingdom)

CC

CADLAB2
Pre-congress
Course

Life saving invasive procedures in critical emergency medicine (CREM) 2

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

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:

Mauro Zago (Ponte San Pietro, Italy)
Kurt Ruetzler (Cleveland, United States)
Jochen Hinkelbein (Cologne, Germany)
Carlos Mesquita (Coimbra, Portugal)
Jonathan Tilsed (Hull, United Kingdom)
Hayato Kurihara (Milan, Italy)
Robbie Lendrum (Glasgow, United Kingdom)
Ayten Saracoglu (Istanbul, Turkey)
Louis Riddez (Stockholm, Sweden)
Catherine Heim (Lausanne, Switzerland)
Ben Clark (Stoke-on-Trent, United Kingdom)



CC

ECHOC
Pre-congress
Course

Ultrasound use in anaesthesia and critical care

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

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:

Johan Bence (Leicester, United Kingdom)
Dominique A. Bettex (Zürich, Switzerland)
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)
Raoul Breitzkreutz (Frankfurt, Germany)
Stefan Weber (Bonn, Germany)

CC

ESPCOP
Pre-congress
Course

Anaesthesia for the morbidly obese patient - Key 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 (Gent, Belgium)
Michael Margaron (Chichester, United Kingdom)

Introduction & background:

Anaesthetic disasters and obesity: Why we run this course...

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

Chris Bouch (Leicester, United Kingdom)

Cardiovascular effects of obesity

Jonathan Redman (York, United Kingdom)

Respiratory effects of obesity

Tomasz Gaszynski (Lodz, Poland)

Questions and discussion

Coffee break

Sleep apnoea:

Pathophysiology and mechanisms

Jonathan Redman (York, 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

Jonathan Redman (York, 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

Tomasz Gaszynski (Lodz, Poland)

The pneumoperitoneum

Jan Paul Mulier (Brugge, Belgium)

Post-op care

Chris Bouch (Leicester, United Kingdom)

Coffee break

Anaesthetic systems & special cases:

Antibiotics and thromboprophylaxis

Luc De Baerdemaeker (Gent, Belgium)

The ideal analgesic technique?

Chris Bouch (Leicester, United Kingdom)



The ideal anaesthetic technique?

Jonathan Cousins (London, United Kingdom)

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

Leadership, ethical practice and conflict resolution

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

Chairs:

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



CC

HAEMOC
Pre-congress
Course

Point of care guided haemostatic management during massive bleeding

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

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 vs. 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 (ROTEM, TEG, Platelet function analyzer)

CC

NEUROC
Pre-congress
Course

Essentials of neuromonitoring in anaesthesia and intensive care (eNEMO)

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

Chairs:

Massimo Lamperti (Abu Dhabi, United Arab Emirates)

Alexander Zlotnik (Beer-Sheva, Israel)

Introduction to the eNEMO course

Massimo Lamperti (Abu Dhabi, United Arab Emirates)

Essentials of processed EEG (pEEG) monitors

Maria Cristina Honorato (Pamplona, Spain)



Not too deep anaesthesia

Massimo Lamperti (Abu Dhabi, United Arab Emirates)

Coffee break

Sonography: Optic nerve sheath diameter (ONSD) and midline shift

Chiara Robba (Genoa, Italy)

Sonography: Trans Cranial Doppler (TDC)

Frank A. Rasulo (Brescia, Italy)

Lunch break

Hands-on-training and problem-based learning discussions:

1- Trans Cranial Doppler (TCD)

2- Depth of anaesthesia (DOA) cases

3- Cerebral sonography

4- pEEG in the OR and ICU

Conclusions

CC

PAEDC
Pre-congress
Course

Ultrasound use in neonates and children

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

Chairs:

Nicola Disma (London, United Kingdom)

Mauro Pittiruti (Roma, 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 Guerino 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 Guerino 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 Guerino Biasucci (Rome, Italy)

CC

PERIC
Pre-congress
Course

Perioperative medicine in daily practice

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

Chair:

Bernhard Walder (Geneva, Switzerland)

Welcome and registration

Introduction on perioperative medicine

Bernhard Walder (Geneva, Switzerland)

Pre-test

Bernardo Bollen Pinto (Geneva, Switzerland)

Management and leadership in perioperative medicine

Anna Hårdemark Cedborg* (Sköndal, Sweden)

Perioperative respiratory dysfunction

Bernhard Walder (Geneva, Switzerland)

Coffee break

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

Jonna Storm Fomsgaard (Glostrup, 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

PGCC1
Pre-congress
Course

Postgraduate course on patient-ventilator asynchrony

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

Speaker:

Paolo Pelosi (Genoa, Italy)

CC

PGCC2
Pre-congress
Course

Postgraduate course on problem-based learning in thoracic anaesthesia

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

Speaker:

Edmond Cohen (New York, United States)

CC

SUAC
Pre-congress
Course

Spinal Sonography Symposium

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 (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 paraspinal 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, 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

Thoracic anaesthesia symposium

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

Chairs:

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 Postthoracotomy 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 (Genève 14, 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 (Genève 14, 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 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 ICU

Laszlo Szegedi (brussels, Belgium)

Closing remarks

Edmond Cohen (New York, United States)

W

SEDW
Workshop

Target-controlled infusion (TCI) for sedation

**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

Steven L. Shafer (Stanford, United States)

Questions and answers



W

EXAMW
Workshop

Examiners Training Day

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

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

W

SIMLAB1
Workshop

HIGH FIDELITY WORKSHOP 1 Challenging cases in anaesthesia - Crisis in the operating room: topic 1

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

Chair:

Georges L. Savoldelli (Geneva, Switzerland)

Dan Benhamou (Paris, France)

Doris Østergaard (Herlev, Denmark)

Anne Lippert (Herlev, Denmark)

Instructors

Morgan Le Guen (Paris, France)

Rikke Vita Borre Jacobsen (Herlev, Denmark)

Domitille Dereu (Geneva, Switzerland)

W

SIMLAB2
Workshop

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

Chairs:

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)
Lars Hesselbjerg (Copenhagen, Denmark)

W

SIMLAB3
Workshop

HIGH FIDELITY WORKSHOP 2 Challenging cases in anaesthesia - Crisis in the operating room: topic 1

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

Chairs:

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

Instructors

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

W

SIMLAB4
Workshop

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

Chairs:

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)
Lars Hesselbjerg (Copenhagen, Denmark)

W

SIMLAB5
Workshop

HIGH FIDELITY WORKSHOP 3 Challenging cases in anaesthesia - Crisis in the operating room: topic 2

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

Chairs:

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



Instructors

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

W

SIMLAB6
Workshop

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

Chairs:

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)
Lars Hesselbjerg (Copenhagen, Denmark)

W

SIMLAB7
Workshop

HIGH FIDELITY WORKSHOP 4 Challenging cases in anaesthesia - Crisis in the operating room: topic 1

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

Chairs:

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

PROCEDURAL WORKSHOP 4 Procedural skills in perioperative medicine - Basic trans-esophageal echocardiography (TEE) for anaesthesiologists

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

Chairs:

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)
Anders Grejs (Aarhus, Denmark)

W

SIMLAB9
Workshop

HIGH FIDELITY WORKSHOP 5 Challenging cases in anaesthesia - Crisis in the operating room: topic 2

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

Chairs:

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

SIMLAB10
Workshop

PROCEDURAL WORKSHOP 5 Procedural skills in perioperative medicine - Basic trans-esophageal echocardiography (TEE) for anaesthesiologists

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

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)
Anders Grejs (Aarhus, Denmark)

W

SIMLAB11
Workshop

HIGH FIDELITY WORKSHOP 6 Challenging cases in anaesthesia - Crisis in the operating room: topic 1

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

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

PROCEDURAL WORKSHOP 6 Procedural skills in perioperative medicine - Ultrasound airway assessment and surgical cricothyrotomy

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

Chairs:

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)

W

SIMLAB13
Workshop

HIGH FIDELITY WORKSHOP 7 Challenging cases in anaesthesia - Crisis in the operating room: topic 2

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

Chairs:

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

PROCEDURAL WORKSHOP 7 Procedural skills in perioperative medicine - Ultrasound airway assessment and surgical cricothyrotomy

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

Chairs:

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)

W

SIMLAB15
Workshop

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

Chairs:

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

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

Chairs:

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

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

Chairs:

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

PROCEDURAL WORKSHOP 9 Procedural skills in perioperative medicine - Ultrasound evaluation in trauma: the FAST exam

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

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

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

Chairs:

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

Instructors

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

W

SIMLAB20
Workshop

PROCEDURAL WORKSHOP 10 Procedural skills in perioperative medicine - Ultrasound evaluation in trauma: the FAST exam

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

Chairs:

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

THORW1
Workshop

Thoracic anaesthesia hands-on workshop (1)

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

Chairs:

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

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 (Genève 14, 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

Thoracic anaesthesia hands-on workshop (2)

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

Chairs:

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

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 (Genève 14, 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

Ultrasound-guided regional anaesthesia (1)

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

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

Ultrasound-guided regional anaesthesia (2)

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

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

Ultrasound-guided regional anaesthesia (3)

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

Chair:

Philipp Lirk (Boston, United States)

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

Jose Aguirre (Zürich, 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 (Århus N, 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

Ultrasound-guided regional anaesthesia (4)

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

Chair:

Philipp Lirk (Boston, United States)

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

Jose Aguirre (Zürich, 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 (Århus N, 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

Ultrasound-guided regional anaesthesia (5)

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

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

Ultrasound-guided regional anaesthesia (6)

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

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)
