

# PRE-CONGRESS COURSES AND WORKSHOPS

CC AIRCCC  
 Pre-  
 Congress  
 Course

Friday, 27 May  
 09:00 – 18:00

## Pre-Congress Course on current concepts in airway management

N Hall 5

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:

Arnd Timmermann (Berlin, Germany)\*  
 Lorenz Theiler (Bern, Switzerland)

### Introduction

Arnd Timmermann (Berlin, Germany)\*  
 Lorenz Theiler (Bern, Switzerland)

### Welcome

Ellen P. O'Sullivan (Dublin, Ireland)  
 Robert Greif (Bern, Switzerland)\*

### Morbidity and mortality of the airway management

Ellen P. O'Sullivan (Dublin, Ireland)

### Pre-operative assessment and strategies

Carin Hagberg (Houston, United States)\*

### Break

### Workshop Part 1 - 3 Skill stations

### Break

### Case 1: Pushing the limits?

Timothy M. Cook (Bath, United Kingdom)\*

### Case 2: Oxygen yes – tube no (Videolaryngoscopy)

Lorenz Theiler (Bern, Switzerland)

### Case 3: Plan ahead (Awake intubation)

Arnd Timmermann (Berlin, Germany)\*

### Lunch

### Workshop Part 2 - 3 Skill stations

### Case 4: When all things go wrong

Ankie Hamaekers (Maastricht, Netherlands)\*

### Case 5: Small airway – big problem? (The pediatric 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)

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**Break**

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**Workshop Part 3 - 3 Skill stations**

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**Summary statements and closing remarks**

Arnd Timmermann (Berlin, Germany)\*  
Lorenz Theiler (Bern, Switzerland)

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**Skill stations**

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**1. Supraglottic devices and mask ventilation**

Anil Patel (London, United Kingdom)  
Ana Maria Lopez Gutiérrez (Barcelona, Spain)\*  
Timothy M. Cook (Bath, United Kingdom)\*

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**2. Flexible optical laryngoscopy**

Carin Hagberg (Houston, United States)\*  
Kamil Tokar (Kocaeli, Turkey)  
Ellen P. O'Sullivan (Dublin, Ireland)  
Paul Baker (Auckland, New Zealand)\*

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**3. Intubation through supraglottic device**

Elizabeth Behringer (Los Angeles, United States)  
Hulya Bilgin (Bursa, Turkey)

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**4. Direct laryngoscopy and stylets**

Massimiliano Sorbello (Catania, Italy)\*

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**5A. Rigid optical laryngoscopy - adult**

Pierre Diemunsch (Strasbourg, France)  
Volker Dörge (Kiel, Germany)\*  
Richard Cooper (Toronto, Canada)

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**5B. Rigid optical laryngoscopy - paediatric**

Thomas Engelhardt (Aberdeen, United Kingdom)  
Iljas Hodzovic (Cardiff, United Kingdom)\*

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**6. Ultrasonography in airway management**

Michael Seltz Kristensen (Copenhagen, Denmark)  
Wendy Teoh (Singapore, Singapore)

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**7. Emergency percutaneous airway, animal model surgical, Seldinger and needle cricothyroidotomy**

Vicente Martinez Pons (Valencia, Spain)  
Dusanka Janjevic (Novi Sad, Serbia)  
Ankie Hamaekers (Maastricht, Netherlands)\*  
Michael Müller (Freiburg, Germany)

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**8. Lung isolation techniques**

Niels Erik Ove Andersen (Copenhagen, Denmark)  
Rüdiger Noppens (Mainz, Germany)

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**9A. Simulation: Difficult airway case A**

Johannes Huitink (Amsterdam, Netherlands)  
Dick Van Groeningen (Amsterdam, Netherlands)

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**9B. Simulation: Difficult airway case B**

Nicholas Chrimes (Melbourne, Australia)  
Georges Savoldelli (Geneva, Switzerland)

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CADCC1  
Pre-  
Congress  
Course

Friday, 27 May  
09:00 – 12:15

## Regional Anaesthesia on Cadavers

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

St George's  
Hospital

### Chairs:

Gabriella Iohom (Cork, Ireland)  
Andrzej Krol (London, United Kingdom)

### Working station 1: Head/Neck

Morne Wolmarans (Norwich, United Kingdom)  
Frederic Sage (Redhill, United Kingdom)

### Working station 2: Upper Limb

Aasifa Tredray (London, United Kingdom)  
Nigel Bedforth (Nottingham, United Kingdom)

### Working station 3: Abdominal Wall/Trunk

James French (Nottingham, United Kingdom)  
Teresa Parras (London, United Kingdom)

### Break

### Working station 4: Lower Limb

Khalid Syeed (London, United Kingdom)  
Mark Crowley (Oxford, United Kingdom)

### Working station 5: Spine

Anand Sardesai (Cambridge, United Kingdom)  
Svetlana Galitzine (Oxford, United Kingdom)

### Working station 6: Soft cadaver needling

Andrzej Krol (London, United Kingdom)  
Tony Allan (Swindon, United Kingdom)

### Ask the anatomy experts

Paul Carter - Anatomist - (London, United Kingdom)  
Matt Szarko - Anatomist - (London, United Kingdom)

CC

CADCC2  
Pre-  
Congress  
Course

Friday, 27 May  
14:00 – 17:15

## Regional Anaesthesia on Cadavers

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

St George's  
Hospital

### Chairs:

Gabriella Iohom (Cork, Ireland)  
Andrzej Krol (London, United Kingdom)

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Teresa Parras (London, United Kingdom)

### Break

**Working station 4: Lower Limb**

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 Mark Crowley (Oxford, United Kingdom)

**Working station 5: Spine**

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 Svetlana Galitzine (Oxford, United Kingdom)

**Working station 6: Soft cadaver needling**

Andrzej Krol (London, United Kingdom)  
 Tony Allan (Swindon, United Kingdom)

**Ask the anatomy experts**

Paul Carter - Anatomist - (London, United Kingdom)  
 Matt Szarko - Anatomist - (London, United Kingdom)

CC

ECHOCC  
 Pre-  
 Congress  
 Course

Friday, 27 May  
 09:00 – 18:00

**Pre-Congress Course on ultrasound use in anaesthesia and critical care**

Capital Suite 14

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

**Chair:**

Patrick Wouters (Ghent, Belgium)

**Lectures and hands-on stations**

Aamer Ahmed (Leicester, United Kingdom)  
 Johan Bence (Leicester, United Kingdom)  
 Dominique Bettex (Zurich, Switzerland)  
 Stefaan Bouchez (Ghent, Belgium)  
 Raoul Breitzkreutz (Frankfurt, Germany)  
 Stefanie Bruemmer-Smith (Brighton, United Kingdom)  
 Henry Skinner (Nottingham, United Kingdom)  
 Arne Feldheiser (Berlin, Germany)  
 Nick Fletcher (London, United Kingdom)  
 Fabio Guarracino (Pisa, Italy)  
 Ravi Hebballi (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)

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EPSCCC  
 Pre-  
 Congress  
 Course

Friday, 27 May  
 09:00 – 18:30

**European Patient Safety Course (EPSC)**

Capital Suite 10

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



**Chairs:**

Marcus Rall (Reutlingen, Germany)\*  
 Sven Staender (Männedorf, Switzerland)

**Welcome and introduction to EPSC. Participants introduction round with sociometry and patient safety overview**

Marcus Rall (Reutlingen, Germany)\*  
 Johannes Wacker (Zurich, Switzerland)

**The new ESA "Committee on patient safety and quality"**

Johannes Wacker (Zurich, Switzerland)

**Implementing the "Helsinki Declaration on Patient Safety" by ESA/EBA**

Sven Staender (Männedorf, Switzerland)



**"The case": introduction of the course**

Marcus Rall (Reutlingen, Germany)\*  
Ralf Krage (Amsterdam, Netherlands)

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**The case: planning and preparing for patient safety**

Johannes Wacker (Zurich, Switzerland)  
Stephanie Oberfrank (Reutlingen, Germany)\*

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**Human limitations... how errors evolve - how humans work...**

Sven Staender (Männedorf, Switzerland)

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**Break**

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**The case: patient safety in danger...the accident is about to happen**

Ravi Prakash Mahajan (Nottingham, United Kingdom)  
David Borshoff (Perth, Australia)

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**Human error countermeasures: the crisis resource management concept (CRM); the 15 CRM key points; recognising CRM in a clinical context**

Stephanie Oberfrank (Reutlingen, Germany)\*  
Marcus Rall (Reutlingen, Germany)

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**The case in reporting system (CIRS): who would write what and then?**

Daniel Arnal (Alcorcon, Spain)\*

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**Reflection before lunch**

Marcus Rall (Reutlingen, Germany)\*

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**Lunch**

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**The case: harm happened...**

Helmut Trimmel (Wiener Neustadt, Austria)  
Ravi Prakash Mahajan (Nottingham, United Kingdom)

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**The case: analysis of incidents and accidents and workshop analysis**

Sven Staender (Männedorf, Switzerland)  
Marcus Rall (Reutlingen, Germany)  
Daniel Arnal (Alcorcon, Spain)\*

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**Break**

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**The case: taking actions for prevention, mitigation and amelioration**

Filippo Bressan (Prato, Italy)  
Ralf Krage (Amsterdam, Netherlands)  
Johannes Wacker (Zurich, Switzerland)  
Sven Staender (Männedorf, Switzerland)  
Marcus Rall (Reutlingen, Germany)  
Ravi Prakash Mahajan (Nottingham, United Kingdom)

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**Evaluation - future networking - certificates**

Marcus Rall (Reutlingen, Germany)\*  
Johannes Wacker (Zurich, Switzerland)

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**Discussion with faculty**

Johannes Wacker (Zurich, Switzerland)  
Marcus Rall (Reutlingen, Germany)

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EUROSIVACC  
Pre-  
Congress  
Course

Friday, 27 May  
14:00 – 18:00

## Setting standards for the future of Target Controlled Infusion (TCI) - EuroSIVA 18<sup>th</sup> Annual Scientific Meeting

Capital Suite 11

Pre-congress course organised by the European Society of Intravenous Anaesthesia (EuroSIVA)

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



### Welcome

#### Welcome and introduction

Stefan Schraag (Glasgow, United Kingdom)

#### Pharmacology in review – advances in 2016

Johan Raeder (Oslo, Norway)

Michel Struys (Groningen, Netherlands)\*

#### The concept of integrated brain function monitoring

Anthony Absalom (Groningen, Netherlands)

Francisco Almeida Lobo (Porto, Portugal)\*

#### Lessons from NAP5: recommendations and actions

Nick Sutcliffe (Doha, Qatar)

Luc Barvais (Brussels, Belgium)

### Break

#### Target Controlled Infusion pumps: where to improve regulatory standards

Frank Engbers (Leiden, Netherlands)

Stefan Schraag (Glasgow, United Kingdom)

#### The future of Target Controlled Infusion: four short statements and panel discussion (recorded session)

Iain Glen (Knutsford, United Kingdom)

### Feedback and closure

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ICCC  
Pre-  
Congress  
Course

Friday, 27 May  
09:00 – 18:00

## Basics of Intensive Care

Capital Suite 17

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



### Chairs:

Sharon Einav (Jerusalem, Israel)

Ilona Bobek (Budapest, Hungary)

### Introduction

Ilona Bobek (Budapest, Hungary)

### Preventive medicine in intensive care

Sharon Einav (Jerusalem, Israel)

### Acid base physiology

Patrick Neligan (Galway, Ireland)

### Break

### Non-invasive ventilation - Continuous positive airway pressure, bilevel positive airway pressure and high-flow nasal cannulas

Luigi Camporota (London, United Kingdom)

### Setting up the ventilator -Intensive care ventilation modes

Marcelo Gama de Abreu (Dresden, Germany)\*

**Ventilation measures and measurements**

Luigi Camporota (London, United Kingdom)

**Invasive haemodynamic monitoring techniques**

Mikhail Kirov (Arkhangelsk, Russian Federation)\*

**Lunch**

**Assessing oxygen debt at the bedside**

Zsolt Molnar (Szeged, Hungary)

**Non-invasive (ultrasound) assessment of cardiac function and fluid status**

Daniel Talmor (Boston, United States)

**Heart lung interactions**

Fabio Guarracino (Pisa, Italy)

**Break**

**Risk, prevention, recognition, grading and management**

Ilona Bobek (Budapest, Hungary)

**Renal replacement therapies**

Marlies Ostermann (London, United States)

**Empiric antibiotic therapy for severe infections - what should I give for what?**

Claude Martin (Marseille, France)

**Antimicrobial combination for severe infection**

Ignacio Martin-Loeches (Dublin, Ireland)

**What mistakes should I avoid with antibiotics?**

Marc Leone (Marseille, France)\*

**Sepsis**

Manu Shankar-Hari (London, United Kingdom)

**Acute respiratory distress syndrome**

Davide Chiumello (Milan, Italy)

**Conclusions**

Sharon Einav (Jerusalem, Israel)

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NEUROCC  
 Pre-  
 Congress  
 Course

Friday, 27 May  
 09:00 – 18:00

**Pre-Congress Course on intraoperative neuromonitoring:  
 the basics and the evidence**

Capital Suite 2

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

**Chairs:**

Massimo Lamperti (Abu Dhabi, United Arab Emirates)  
 Federico Bilotta (Rome, Italy)

**Basics of electroencephalogram for the non-neuroanaesthesiologist**

Maria Cristina Honorato (Pamplona, Spain)

**Consciousness: from sedation to deep anaesthesia**

Jaideep Pandit (Oxford, United Kingdom)

**Cerebral oximetry**

Rafi Avitsian (Cleveland, United States)

**Effects of anaesthetics on electroencephalogram**

Anthony Absalom (Groningen, Netherlands)  
 Seun Akeju (Harvard, United States)

**Electroencephalogram: the evidence**

Lionel Velly (Marseille, France)

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**Trans-cranial doppler: the basics**

Frank A. Rasulo (Brescia, Italy)

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**Evoked potentials: the basics**

Pierre Pandin (Brussels, Belgium)

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**Problem-based learned discussions**

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PAECC  
Pre-  
Congress  
Course

Friday, 27 May  
09:00 – 18:00

**Ultrasound guided central venous access in neonates, infants and children**

Capital Suite 7

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

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**Chairs:**

Mauro Pittiruti (Rome, Italy)

Nicola Disma (Genoa, Italy)

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**Introduction**

Nicola Disma (Genoa, Italy)

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**Ultrasound anatomy of the veins of the arm and of the supra/infraclavicular area**

Daniele G. Biasucci (Rome, Italy)

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**Ultrasound guidance in central venous access: guidelines, consensus and evidence from the literature**

Massimo Lamperti (Abu Dhabi, United Arab Emirates)

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**Basic techniques of ultrasound-guided venipuncture**

James Bennett (Birmingham, United Kingdom)\*

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**Centrally inserted central venous catheters in neonates, infants and children**

Mauro Pittiruti (Rome, Italy)

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**Peripherally inserted central venous catheters in children**

Daniele G. Biasucci (Rome, Italy)

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**Tip location of central venous access: intracavitary electrocardiogram, radiology, ultrasound**

Mauro Pittiruti (Rome, Italy)

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**Insertion technique and infection prevention**

Nicola Disma (Genoa, Italy)

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**Insertion technique and thrombosis prevention**

Massimo Lamperti (Abu Dhabi, United Arab Emirates)

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**Lunch**

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**Station 1 - Ultrasound visualization of peripheral veins of the arm**

Mauro Pittiruti (Rome, Italy)

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**Station 2 - Ultrasound visualization of peripheral veins of the supra/infraclavicular area**

James Bennett (Birmingham, United Kingdom)\*

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**Session 3 - Ultrasound guided venipuncture**

Nicola Disma (Genoa, Italy)

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**Station 4 - Intracavitary electrocardiogram for tip location**

Mauro Pittiruti (Rome, Italy)

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PGCC1  
 Pre-Congress Course

Friday, 27 May  
 10:00 – 12:00

### Postgraduate course on patient-ventilator asynchrony

Capital Suite 5

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

#### How do I detect and fix?

Paolo Pelosi (Genoa, Italy)

CC

PGCC2  
 Pre-Congress Course

Friday, 27 May  
 14:00 – 16:00

### Postgraduate course on problem-based learning in thoracic anaesthesia

Capital Suite 5

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

#### My most challenging cases

Edmond Cohen (New York, United States)

CC

SUACC  
 Pre-Congress Course

Friday, 27 May  
 09:00 – 17:30

### Spinal sonography symposium

Capital Suite 1

Pre-Congress course organised by the Society for Ultrasound in Anaesthesia (SUA)

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



#### Chairs:

Atul Gaur (Leicester, United Kingdom)

Raja Reddy (Gillingham, United Kingdom)

#### Guidelines and evidence base to use ultrasound for spinal and paraspinal injections

Sheelaj Sharma (Basildon, United Kingdom)

#### Learning to recognize spinal sonography – basic concepts

Vijay Kumar (Scunthorpe, United Kingdom)

Karen Smyth (Oxfordshire, United Kingdom)

#### Master class - Lumbar spine and paravertebral sonography for acute and chronic pain (including facet joint and medial branch blocks)

Xavier Sala - Blanch (Barcelona, Spain)

Edward Lin (Leicester, United Kingdom)

#### Lumbar spine sonography in obstetrics and obese patients – tricks of trade

Ravi Nair (Broomfield, United Kingdom)

#### Break

#### Thoracic spine, paravertebral sonography

Irfan Raza (London, United Kingdom)

Raghavendran Krishnaiyan (London, United Kingdom)

#### Basics of injection techniques and use of assist devices

Atul Gaur (Leicester, United Kingdom)\*

Kaddour Bouazza-Marouf (Loughborough, United Kingdom)

#### Demonstration – Lumbar and thoracic spine and paraspinal ultrasound

Dave Patel (Northampton, United Kingdom)

Nadir Sharawi (Basildon, United Kingdom)

Yuvraj Kukreja (Camberley, United Kingdom)

Veena Daga (Coventry, United Kingdom)

#### Lunch and hands on experience - volunteers and phantom

#### Master class - Ultrasound guided cervical spine, medial branch and facet joint injection techniques

Raja Reddy (Gillingham, United Kingdom)

**Master class - Caudal, facet joint and sacro iliac joint blocks**

Mohjir Baloch (Frimley, United Kingdom)  
 Sumit Gulati (Liverpool, United Kingdom)

**Paediatric spine sonography**

Naaven Raj (Liverpool, United Kingdom)

**Break**

**Special lecture on impar ganglion, quadratus lumborum , piriformis and thoraco-lumbar fascia blocks**

Prit A. Singh (Edinburgh, United Kingdom)  
 Deepak Malik (Birmingham, United Kingdom)

**Panel discussion including demonstrations on volunteer**

Abdelazeem Eldawlatly (Riyadh, United Arab Emirates)  
 Vipul Kaushik (Leicester, United Kingdom)

W

ASSESSW  
 Workshop

Sunday, 29 May  
 14:00 – 16:00

**Practical workshop on giving effective feedback to trainees based on workplace-based assessment in the busy environment of an operation room**

Capital Suite 1

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

HELSINKI  
 DECLARATION

T

**Chair:**

Robert Greif (Bern, Switzerland)\*

**Role play and debriefing**

John Kinnear (Southend, United Kingdom)  
 Michael Müller (Freiburg, Germany)  
 Georges Savoldelli (Geneva, Switzerland)  
 Arnd Timmermann (Berlin, Germany)\*

W

GERW  
 Workshop

Sunday, 29 May  
 09:30 – 12:00

**Do's and don'ts; sedative and pain management of the elderly - Round-table cases and discussions**

Capital Suite 1

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

HELSINKI  
 DECLARATION

**Chairs:**

Ulf Guenther (Bonn, Germany)  
 Peter Lee (Cork, Ireland)

**Introduction - Sedation guidelines in the ICU**

Ulf Guenther (Bonn, Germany)

**Introduction - Principals of perioperative pain**

Patricia Schofield (Cambridge, United Kingdom)

**4 round-table cases and discussions - Two difficult to handle cases of sedation in ICU**

Ulf Guenther (Bonn, Germany)  
 Valerie Page (Watford, United Kingdom)

**4 round-table cases and discussions - Two cases of handling perioperative pain of the elderly**

Peter Lee (Cork, Ireland)  
 Patricia Schofield (Cambridge, United Kingdom)

**Conclusions - Let's respect**

Valerie Page (Watford, United Kingdom)

W THORW1  
Workshop

Saturday, 28 May  
09:00 – 12:00

## Thoracic anaesthesia hands-on workshop I

Capital Suite 10

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

T

### Chairs:

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

### Double lumen tube or endobronchial blockers: which is the best device for my patient?

Edmond Cohen (New York, United States)

### Lung protection and trouble-shooting of hypoxemia during one-lung ventilation

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: Pediatric 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

Oliver Vicent (Dresden, Germany)  
Attila Bondar (Budapest, Hungary)

#### Station 7: Adult simulator

Andrew Goldberg (New York, United States)  
Alan Sim (New York, United States)

W THORW2  
Workshop

Saturday, 28 May  
14:00 – 17:00

## Thoracic anaesthesia hands-on workshop II

Capital Suite 10

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

T

### Chairs:

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

### Double lumen tube or endobronchial blockers: which is the best device for my patient?

Edmond Cohen (New York, United States)

### Lung protection and trouble-shooting of hypoxemia during one-lung ventilation

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)

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**Station 3: Endobronchial blockers 2**  
Nuzhet Mert Sentürk (Istanbul, Turkey)  
Giorgio Della Rocca (Udine, Italy)

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**Station 4: Pediatric lung separation**  
Cesar Rodriguez-Diaz (New York, United States)  
Torsten Loop (Freiburg, Germany)

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**Station 5: Analgesia 1 - Thoracic epidural anaesthesia**  
Manuel Granell Gil (Valencia, Spain)  
Thomas Hachenberg (Magdeburg, Germany)

---

**Station 6: Analgesia 2 - Paravertebral blocks**  
Oliver Vicent (Dresden, Germany)  
Attila Bondar (Budapest, Hungary)

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**Station 7: Adult simulator**  
Andrew Goldberg (New York, United States)  
Alan Sim (New York, United States)

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**W** USRAW1  
Workshop

**Sunday, 29 May**  
09:00 – 12:00

## Ultrasound Guided Regional Anaesthesia I

Capital Suite 10

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

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**T**

**Chair:**  
Gabriella Iohom (Cork, Ireland)

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**Blocks above the clavicle**  
Dara Breslin (Dublin, Ireland)

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**Blocks below the clavicle**  
Brian O'Donnell (Cork, Ireland)

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**Neuraxial and paravertebral blocks**  
Padraig Mahon (Cork, Ireland)

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**Blocks anterior to the hip (and transversus abdominis plane block)**  
Frank Loughnane (Cork, Ireland)

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**Blocks posterior to the hip**  
Stephen Mannion (Cork, Ireland)

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**Phantoms**  
Jack Barrett (Cork, Ireland)

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**W** USRAW2  
Workshop

**Sunday, 29 May**  
**14:00 – 17:00**

## Ultrasound Guided Regional Anaesthesia II

**Capital Suite 10**

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

**T**

### Chair:

Gabriella Iohom (Cork, Ireland)

### Blocks above the clavicle

Xavier Capdevila (Montpellier, France)

### Blocks below the clavicle

Herve Bouaziz (Nancy, France)\*

### Neuraxial and paravertebral blocks

Karthik Srivinasan (Dublin, Ireland)

### Blocks anterior to the hip (and transversus abdominis plane block)

Didier Morau (Montpellier, France)

### Blocks posterior to the hip

Szilard Szucs (Pécs, Hungary)

### Phantoms

Leon Serfontein (Cork, Ireland)

**W** USRAW3  
Workshop

**Monday, 30 May**  
**09:00 – 12:00**

## Ultrasound Guided Regional Anaesthesia III

**Capital Suite 10**

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

**T**

### Chair:

Gabriella Iohom (Cork, Ireland)

### Blocks above the clavicle

Dara Breslin (Dublin, Ireland)

### Blocks below the clavicle

Brian O'Donnell (Cork, Ireland)

### Neuraxial and paravertebral blocks

Padraig Mahon (Cork, Ireland)

### Blocks anterior to the hip (and transversus abdominis plane block)

Frank Loughnane (Cork, Ireland)

### Blocks posterior to the hip

Stephen Mannion (Cork, Ireland)

### Phantoms

Jack Barrett (Cork, Ireland)

W

USRAW4  
Workshop

Monday, 30 May  
14:00 – 17:00

## Ultrasound Guided Regional Anaesthesia IV

Capital Suite 10

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

T

### Chair:

Gabriella Iohom (Cork, Ireland)

### Blocks above the clavicle

Xavier Capdevila (Montpellier, France)

### Blocks below the clavicle

Herve Bouaziz (Nancy, France)\*

### Neuraxial and paravertebral blocks

Karthik Srivinasan (Dublin, Ireland)

### Blocks anterior to the hip (and transversus abdominis plane block)

Didier Morau (Montpellier, France)

### Blocks posterior to the hip

Szilard Szucs (Pécs, Hungary)

### Phantoms

Leon Serfontein (Cork, Ireland)