

EACTAIC 37TH ANNUAL CONGRESS EXPANDING BOUNDARIES

DECEMBER 14 - 16, 2022
CENTRO CONGRESSI STAZIONE MARITTIMA
NAPLES - ITALY



European Association
of Cardiothoracic Anaesthesiology
and Intensive Care



FINAL PROGRAMME

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BOARD & COMMITTEES

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14TH DECEMBER, 2022



European Association
of Cardiothoracic Anaesthesiology
and Intensive Care



DECEMBER 14

ROOM GALATEA

09:00

10:30 **VASCULAR PANEL SESSION - Diabetes and vascular patient**

Chairs: Purificación Matute (Barcelona, Spain), Salomeja Aliukaite (London, UK)

09:00 **Perioperative Glycemic control**

Salomeja Aliukaite (London, UK)

09:25 **Reliability of Bioreactance and Pulse Power Analysis in Measuring Cardiac Index during Open Abdominal Aortic Surgery**Heikki Ronkainen (Oulu, Finland)

Ylikauma Laura, Ohtonen Pasi, Erkinaro Tiina, Vakkala Merja, Liisanantti Janne, Pohjola Mari, Kaakinen Timo

09:35 **Assessing glycaemic control-beyond HbA1c**

Dan Drayton (Leeds, UK)

09:55 **Prehospital Point of Care Ultrasound in Rutured Abdominal Aortic Aneurism Is Associated With Increased Survival: A Retrospective Study**Signe Voigt Lauridsen (Aarhus, Denmark)

Peter Juhl-Olsen, Eldrup Nikolaj, Bøtker Morten Thingemann

10:05 **Perioperative care for surgical patients with diabetes**

Salomeja Aliukaite (London, UK)

10:25 **General Discussion**

ROOM DIONE

09:00

10:35 **ICU PANEL SESSION - How to avoid ECMO in ARDS patients**

Chairs: Philippe Gaudard (Montpellier, France), Alberto Hernandez (Ibiza, Spain)

09:00 **How to ventilate while protecting the lungs**

Fabio Sangalli (Sondrio, Italy)

09:20 **How can lung ultrasound improve our management of ARDS patients?**

Alberto Hernandez (Ibiza, Spain)

09:40 **Resting Energy Expenditure Impacts on Short- And Long-Term Mortality in Critically Ill Patients After Cardiac Surgery- A Retrospective Analysis**Cecilia Veraar (Wien, Austria)

Fischer Arabella, Bernardi Martin, Sulz Isabella, Mohamed Mouhieddine, Dworschak Martin, Tschernko Edda, Lassnigg Andrea, Hiesmayr Michael

09:50 **How to improve oxygenation (NO, prone position, PFO exclusion...)**

Pasquale Nardelli (Milan, Italy)

10:10 **Why can the right ventricle fail?**

Isabelle Michaux (Mont-Godinne, Belgium)

10:30 **General Discussion**

DECEMBER 14

ROOM PERSEIDE

09:00

10:35 **THORACIC PANEL SESSION - Thoracic Anaesthesia – State of the Art**

Chairs: Mert Senturk (Istanbul, Turkey), Waheed Karzai (Bad Berka, Germany)

09:00 **Preoperative Assessment**

Marc Licker (Geneva, Switzerland)

09:20 **Airway Management**

Manuel Granell (Valencia, Spain)

09:40 **Measurement of Diaphragmatic Dysfunction and Phrenic Nerve Palsy In Patients Undergoing Thoracic Surgery For Lung- or Esophageal Cancer**Jesper Nørskov (Aarhus, Denmark)

Bendixen Morten, Mørkved Amalie Lambert, Skaarup Søren Helbo, Tankisi Hatice, Juhl-Olsen Peter

09:50 **Difficult Airway Management**

Caroline Vanpeteghem (Ghent, Belgium)

10:10 **Postoperative Pain management**

Mojca Drnovšek Globokar (Ljubljana, Slovenia)

10:30 **General Discussion**

ROOM ELETTRA

09:00

10:35 **TRANSPLANT&VAD PANEL SESSION - Hot topics in heart transplantation**

Chairs: Eric De Waal (Utrecht, The Netherlands), Blanca Martinez (Verona, Italy)

09:00 **Will xenotransplants become a game changer in heart transplantation?**

Andreas Zuckermann (Wien, Austria)

09:20 **Organ preservation is “hot”: normothermic regional perfusion**

Arne Neyrinck (Leuven, Belgium)

09:40 **Establishment of an ex vivo kidney perfusion model for acute kidney injury**

Sebastian Rasmussen (Frederiksberg, Denmark)

09:50 **Inhaled pulmonary vasodilators for the treatment of right ventricular failure – is one better than the other?**

Maria Benedetto (Bologna, Italy)

10:10 **Should we consider routine continuous transcutaneous CO2-monitoring for patients on ECMO?**

Martin Dworschak (Wien, Austria)

10:30 **General Discussion**

DECEMBER 14

ROOM CALIPSO

09:00

10:30 CONGENITAL PANEL SESSION - Single ventricle - physiological concepts & postoperative issues

Chairs: Mona Momeni (Brussels, Belgium), Ehrenfried Schindler (Bonn, Germany)

09:00 Tetralogy of Fallot with pulmonary atresia – an overview

Mona Momeni (Brussels, Belgium)

09:15 How do I do a Norwood procedure?

Ehrenfried Schindler (Bonn, Germany)

09:30 Relationship of Mortality and Morbidity with Postoperative Troponin-I Levels In Children Undergoing Cardiac Surgery

Omer Faruk Savluk (Istanbul, Turkey)

Yilmaz Abdullah Arif

09:40 Potts Shunt – surgical and transcatheter approach on the move

Andrea Quarti (Bologna, Italy)

09:55 Fontan-Associated Liver Disease

Andrea Szekely (Budapest, Hungary)

10:10 Postoperative fluid management in pediatric cardiac surgical patients

Thierry Detaille (Leuven, Belgium)

10:25 General Discussion

10:30 – 11:00 COFFEE BREAK

ROOM GALATEA

11:00

12:30 OPENING CEREMONY

11:00 Welcome by EACTAIC's President - Patrick Wouters (Ghent, Belgium)

11:10 Introduction by EACTAIC Congress Chair and Organizing Committee Chairs

G. Paternoster (Potenza, Italy), R. Samalavicius (Vilnius, Lithuania),
Ieva Jovaisiene (Vilnius, Lithuania), Fabio Guarracino (Pisa, Italy)

11:30 Greetings from Presidents – SCA; ESAIC; ITACTA; SIAARTI

11.50 Keynote lecture

12.20 BEST ORAL PRESENTATION Cerebral Autoregulation Monitoring To Reduce Postoperative Neurological Complications From Cardiac Surgery: Ongoing Study

Greta Kasputyte (Kaunas, Lithuania)

Švagždiene Milda, Kumpaitiene Birute, Gailiusas Mindaugas, Andrejaitiene Judita, Širvinskas Edmundas, Krakauskaite Solventa, Petkus Vytautas, Chaleckas Edvinas, Ragauskas Arminas, Lenkutis Tadas

DECEMBER 14

12:30 – 14:00 LUNCH

ROOM DIONE

13:00

13:45 *INDUSTRY SPONSORED SESSION*

ROOM PERSEIDE

13:00

14:00 *INDUSTRY SPONSORED SESSION*

ROOM ELETTRA

13:00

13:30 *INDUSTRY SPONSORED LECTURE*

ROOM CALIPSO

13:00

13:30 *INDUSTRY SPONSORED LECTURE*

ROOM GALATEA

14:00

16:00 **BOARD PANEL SESSION - RIGHT VENTRICULAR FAILURE**

Chairs: Gianluca Paternoster (Potenza, Italy), Ieva Iovaisiene (Vilnius, Lithuania)

14:00 **Pathophysiology of RV failure**

Patrick Wouters (Ghent, Belgium)

14:25 **Identifying RV Failure**

Fabio Guarracino (Pisa, Italy)

14:50 **Feasibility of New Cmr Post-Processing Software Prototypes in Assessing the Right Heart and Tricuspid Function**

Kady Fischer (Bern, Switzerland)

Grob Leonard, Kuganathan Shagana, Utz Christoph, Becker Philipp, Oeri Salome, Jung Bernd, Gräni Christoph, Huber Adrian, Guensch Dominik P.

15:00 **Pharmacological Approaches to Right Ventricular Failure**

Steffen Rex (Leuven, Belgium)

15:25 **Pulmonary Hypertension and Right Ventricular Failure: Management Strategies in the Operating Room**

Tjorvi E. Perry (Minnesota, USA)

15:50 **General Discussion**

DECEMBER 14

ROOM DIONE

14:00

16:30 HAEMOSTASIS PANEL SESSION - Hemostasis and transfusion during cardiac surgery - including DOACs

Chairs: Hanne Berg Ravn (Copenhagen, Denmark), Aamer Ahmed (Leicester, UK)

14:00 **Introduction**14:05 **Minimized extracorporeal circuits: benefit and limitations**

Birgitta Romlin (Gottenburgh, Sweden)

14:25 **Emergency surgery and DOACs. Can we monitor impact on anticoagulation?**

Blanca Martinez (Verona, Italy)

14:45 **PCC for DOACs and other bleeding causes after cardiac surgery**

Marco Ranucci (Milan, Italy)

15:05 **Numbers And Function Of Platelets Are Not Reduced During Cardiopulmonary Bypass, But Both Are Reduced After Administration Of Protamine**Mattias Törnudd (Linköping, Sweden)

Ramström Sofia, Escobar Kvitting John-Peder, Alfredsson Joakim, Berg Sören

15:15 **Antidots for DOACs or hemabsorber- where are we now?**

Daniel Bolliger (Basel, Switzerland)

15:35 **DOACs: Andexanet alpha: Update and practical nuts and bolts**

Gabor Erdoes (Berne, Switzerland)

15:55 **Can we optimise anaemic patients prior to cardiac surgery?**

Hanne Berg Ravn (Copenhagen, Denmark)

16:15 **General Discussion**

ROOM PERSEIDE

14:00

16:00 Joint Local Session - OVERVIEW OF MANAGEMENT OF INFECTIVE ENDOCARDITIS IN ADULTS

Chairs: Ieva Iovaisiene (Vilnius, Lithuania), Antonio Pisano (Naples, Italy)

14:00 **Infective endocarditis diagnostic challenges. Cardiologists perspective**

Agne Drasutiene (Vilnius, Lithuania)

14:25 **Infective endocarditis diagnostic challenges. Cardiac surgeon perspective**

Cristiano Amarelli (Naples, Italy)

14:50 **Intraoperative hemoabsorption for patients with infective endocarditis**

Ieva Iovaisiene (Vilnius, Lithuania)

15:15 **Antimicrobial therapy: current evidence and indications – Daniela Pasero (Sassari, Italy)**15:40 **General Discussion**

DECEMBER 14

ROOM ELETTRA

14:00

15:00 **LOCAL SESSION Meet the experts - ECPR updates**

Chairs: Robertas Samalavičius (Vilnius, Lithuania), Alessandro Forti (Venice, Italy)

14:00

Out of hospital CPR

Alessandro Forti (Venice, Italy)

14:20

Training/simulation in eCPR

Dr. Waqas Akhtar (London, UK)

14:40

Post-ECPR care, is there more to do after ECMO?

Dr. Ana Hurtado (London, UK)

ROOM CALIPSO

14:00

15:30 **CPB Masterclass - AKI in Cardiac Surgery - Meet and Discuss with the Experts**

Chairs: Giovanni Landoni (Milan, Italy), Gudrun Kunst (London, UK)

14:00

Cardiac Surgery associated Acute Kidney Injury - Risks and Outcomes

Marc Vives (Barcelona, Spain)

14:15

Discussion

14:30

Diagnosis of Acute Kidney Injury after Cardiopulmonary Bypass

S. De Rosa (Vicenza, Italy)

14:45

Discussion

15:00

Strategies for prevention of Cardiac Surgery associated Acute Kidney Injury

Giovanni Landoni (Milan, Italy)

15:15

Discussion

ROOM AGAVE

14:00

16:00 **ECHO Interactive Session / Hands-on training - Basic Echo Workshop**

Chairs: Peter Juhl-Olsen (Aarhus, Denmark), Johan Bence (Leicester, UK)

1) **Basic FATE/FOCUS (Models)**2) **Basic TEE (Simulator)**3) **Lung Ultra Sound (Models)**4) **Vascular Access (Models)**5) **Basic 3D**6) **Basic haemodynamics**7) **FAST**

DECEMBER 14

ROOM AGAVE

16:00

18:00 **ECHO Interactive Session / Hands-on training - Advanced Echo Workshop**

Chairs: Peter Juhl-Olsen (Aarhus, Denmark), Johan Bence (Leicester, UK)

1) Advanced FATE/FOCUS

2) Advanced TEE (Pathology)

3) Advanced 3D

4) Tissue Doppler, Speckle Tracking, Strain imaging

5) Advanced haemodynamics

6) Extra Cardiac TEE

Faculty: Peter Juhl-Olsen / Johan Bence / Jens Fassel / Sascha Treskatch / Massimiliano Meineri / Joost van der Maaten / Jörg Ender / Angela Mahdi / Dominique Bettex / Nick Harvey / Henry Skinner / Chirojit Mukherjee / Fabio Guarracino / Justiaan Swanevelder

EXHIBITION AREA

16:00

18:00 **E-poster Sessions**

Chairs: Valentina Ajello, Marija Svetikiene, Simona Silvetti, Povilas Andrijauskas, Pietro Bertini, Milda Svagzdiene

15TH DECEMBER, 2022



European Association
of Cardiothoracic Anaesthesiology
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DECEMBER 15

ROOM GALATEA

09:00

10:35 **CBP PANEL SESSION**

Chair: Gudrun Kunst (London, UK), Ieva Jovaisiene (Vilnius, Lithuania)

09:00

Vasoplegic syndrome following cardiac surgery AOP PHARMA

Povilas Andrijauskas (Vilnius, Lithuania)

09:20

Pulsatile flow during cardiopulmonary bypass.

Pietro Bertini (Pisa, Italy)

09:40

Intraoperative Non-Invasive Left Ventricular Myocardial Work Indices In Patients Undergoing On-Pump Coronary Artery Bypass SurgeryJakob Labus (Cologne, Germany)

Foit Andre, Mehler Oliver, Rahmanian Parwis, Wetsch Wolfgang, Mathes Alexander

09:50

Blood management in paediatric perfusion

Normunds Sikora (Riga, Latvia)

10:30

General Discussion

ROOM DIONE

09:00

10:35 **ECHO Panel Session - Echo: Pushing the Boundaries**

Chairs: Jens Fassel (Dresden, Germany), Massimiliano Meineri (Leipzig, Germany)

09:00

EACTAIC 3D Echo Survey: What have we learned?

Massimiliano Meineri (Leipzig, Germany)

09:20

How does 3D expand our Boundaries? Impact on Clinical care – Case Based

Jens Fassel (Dresden, Germany)

09:40

Investigating the Effect of Inspired Oxygen Fraction on Right Ventricular 3d Strain During General Anaesthesia In Patients With Stable Coronary Artery DiseaseRico Baumann (Bern, Switzerland)

Fisher Kady, Friess Jan-Oliver, Madhkour Raouf, Erdoes Gabor, Terbeck Sandra, Eberle Balthasar, Schoenhoff Florian S, Guensch Dominik P

09:50

Echo Cardiography for pre-op assessment – Probe vs Stethoscope

Dominique Bettex (Zurich, Switzerland)

10:10

TEE in Respiratory Failure – Beyond the heart

Johan Bence (Leicester, UK)

10:30

General Discussion

DECEMBER 15

ROOM PERSEIDE

09:00

10:35 CPB Panel Session - Perfusion and Cardiopulmonary Bypass - An Update

Chairs: Christoph Benk (Freiburg, Germany), Gudrun Kunst (London, UK)

09:00

Cytosorb and Cardiopulmonary Bypass

Federico Pappalardo (Milan, Italy)

09:20

eCPR and the Perfusionist

Christoph Benk (Freiburg, Germany)

09:40

Duration of Hypotension is a Predictor of Acute Kidney Injury in the Post-Cardiac Surgery PatientAlexander Smith (London, UK)

Turoczi Zsolt, Valencia Oswaldo, Zilahi Gabor

09:50

European CPB Guidelines

Gudrun Kunst (London, UK)

10:30

General Discussion

ROOM ELETTRA

09:00

10:30 LOCAL SESSION - Can we get more with less. Minimally invasive cardiac procedures.

Chairs: Roger Cordery (London, UK), Ieva Jovaisiene (Vilnius, Lithuania)

09:00

Update in transcatheter treatment of patients with structural heart disease

Paolo Meani (Milan, Italy)

09:15

Anesthesia for minimal invasive cardiac surgery procedures

Robertas Samalavicius (Vilnius, Lithuania)

09:30

Future of cardiac intensive care

Marina Pieri (Milan, Italy)

09:45

Serratus Anterior Plane Block For Totally Endoscopic Aortic Valve Replacement Surgery: A Randomized Controlled TrialEline van Hilst (Hasselt, Belgium)

Vandenbrande Jeroen, Callebaut Ina, Stessel Björn, Yilmaz Alaaddin, Jalil Hassanin, Vrancken Dirk, De Donder Laurenz

09:55

Minimally invasive support for the failing heart

Nick Lees (London, UK)

10:10

Paravalvular leak correction procedures

Aleksejus Zorinas (Vilnius)

10:25

General Discussion

DECEMBER 15

ROOM CALIPSO

09:00

10:35 ICU SESSION - When the fluids are becoming deleterious for the organs

Chairs: Fabio Sangalli (Monza, Italy), Isabelle Micheaux (Mont-Godinne, Belgium)

09:00

For the kidney and the liver

Vincenzo Tripodi (Italy)

09:20

For the lungs

Tomas Jovaisa (Vilnius, Lithuania)

09:40

Hypotension predictability index, a new tool to predict hypotension after cardiac surgeryTuroczi Z. (London, UK)

Smith A., Valencia O., Kim C.Y., Zilahi G.

09:50

For the microcirculation

Can Ince (Amsterdam, The Netherlands)

10:10

Volemia optimization under circulatory support

Philippe Gaudard (Montpellier, France)

10:30

General Discussion

10:30 – 11:00 COFFEE BREAK

ROOM GALATEA

11:00

12:30 Joint session EACTAIC-ITACTA - The patient hemodynamically unstable: how to approach

Chairs: Patrik Wouters (Ghent, Belgium), Sabino Scolletta (Siena, Italy)

11:00

Hemodynamic instability: a pathophysiological approach

Fabio Guarracino (Pisa, Italy)

11:15

Hemodynamic instability: how to select the right monitoring

Maria Benedetto (Bologna, Italy)

11:30

When the problem is hypotension

Ieva Jovaisiene (Vilnius, Lithuania)

11:45

When the problem is heart rate

Andrea Morelli (Rome, Italy)

12:00

What neuromonitoring adds in hemodynamic instability

Stefano Romagnoli (Florence, Italy)

12:15

General Discussion

12:30 – 14:00 LUNCH

DECEMBER 15

ROOM GALATEA

13:00

14:00 GENERAL ASSEMBLY

ROOM GALATEA

14:00

16:00 **Advances in thoracic anesthesia**

Chairs: Mert Senturk (Istanbul, Turkey), Andrew Shaw (Cleveland, USA)

14:00 **Anesthesia for thoracic surgery – sans endotracheal tube**

Diana Anca (New York, USA)

14:30 **Thoracic anesthesia – improving care with ultrasound**

Massimiliano Meineri (Leipzig, Germany)

15:00 **Postoperative atrial fibrillation – a best practice update**

Alessia Pedoto (New York, USA)

15:30 **ECMO for thoracic surgery: when and how**

Amanda Kleiman (Charlottesville, USA)

ROOM DIONE

14:00

16:00 **VASCULAR HANDS-ON SESSION - Daily management in vascular anesthesia**

Chair: Purificación Matute Jiménez (Barcelona, Spain), Michele Mondino (Milan, Italy)

14:00 **Do we still need epidural for elective aortic aneurysm repair surgery?**

Simon Howell (Leeds, UK)

14:25 **Interactive cases in vascular surgery (1). Peripheral nerve Block for vascular surgery**

Xavier Sala (Barcelona, Spain)

14:50 **Nerve blockade echo guided for carotid endarterectomy**

Gyöngyösi Zoltán (Budapest, Hungary)

15:15 **Interactive case in Vascular surgery (2). Aortic TTE and TOE**

Michele Mondino (Milan, Italy)

15:40 **General discussion**

DECEMBER 15

ROOM PERSEIDE

14:00

18:00 PEDIATRIC AND CONGENITAL MASTERCLASS 1 - Perioperative management of congenital cardiac patients with pulmonary hypertension.

Chairs: Steffen Rex (Aachen, Belgium), Mona Momeni (Brussels, Belgium)

14:00 The pregnant patient with cardiac disease: General principles

Steffen Rex, (Leuven, Belgium)

14:25 The pregnant patient with pulmonary hypertension

Paolo Ferrero (Milan, Italy)

14:50 Management of the pregnant patient with a Fontan circulation

Sarah Devroe (Leuven, Belgium)

15:15 The pregnant patient on ECMO

Mauro Cotza (Milan, Italy)

15:40 General discussion

16:00 PEDIATRIC AND CONGENITAL MASTERCLASS 2 - Transplantation in congenital heart disease

Chairs: Gabor Erdoes (Berne, Switzerland), Sascha Meier (Groningen, The Netherlands)

16:00 Pediatric Heart-Lung Transplantation – haven't heard about you lately, my friend...

Giuseppe Isgro (Milan, Italy)

16:25 Pediatric lung isolation– when there is no device that fits...

Ehrenfried Schindler (Bonn, Germany)

16:50 Simultaneous Heart–Liver Transplantation for Congenital Heart Disease – growing numbers!

Jaques Pirenne (Leuven, Belgium)

17:15 Anticoagulation Management in the Pediatric Patient with Congenital Heart Disease – DOACS rising to the top?!

Tommaso Aloisio (Milan, Italy)

17:40 General discussion

ROOM ELETTRA

14:00

18:00 TRANSPLANT&VAD Masterclass part 1 - VAD session

Chairs: Nandor Marczin (London, UK), Martin Dworschak (Wien, Austria)

14:00 CPR in patients with an implanted VAD

Christopher Bowles (London, UK)

14:25 Cerebral oximetry as a means to manage hemodynamic deteriorations in patients supported with a VAD

Sascha Treskatsch (Berlin, Germany)

14:50 Early markers for right ventricular failure in patients after LVAD implantation

Edda Tschernko (Wien, Austria)

15:15 Echocardiography in the management of VAD patients

Hatem Soliman (London, UK)

15:40 General discussion

DECEMBER 15

ROOM ELETTRA

- 16:00** **TRANSPLANT&VAD Masterclass part 2 - Webinar: Future perspectives**
Chairs: Eric De Waal (Utrecht, The Netherlands), Ana Hurtado (London, UK)
- 16:00** **Heart transplantation from circulatory death donors: present and future?**
Stephen Large (Cambridge, UK)
- 16:25** **Optimization of previous coagulation disorders in patients scheduled for LVAD implantation**
Blanca Martinez (Verona, Italy)
- 16:50** **The PERSUADE survey and its implications for the cardiovascular anesthesiologist**
Eric de Waal (Utrecht, The Netherlands)
- 17:15** **ECLS prior to lung transplantation – what is the outcome?**
Ana Hurtado (London, UK)
- 17:40** **General discussion**

ROOM CALIPSO

- 14:00**
- 16:00** **THORACIC Round Table – Enhanced Recovery after Surgery (ERAS) in Thoracic Surgery: Is this a future dream?**
Chairs: Mert Senturk (Istanbul, Turkey), Nandor Marczin (London, UK)
- 14:00** **Why is ERAS-thoracic in its “infancy”?**
Laszlo Szegedi (Brussels, Belgium)
- 14:05** **How can TOSSCA be helpful to improve the ERAS-thoracic?**
Nandor Marczin (London, UK)
- 14:10** **Surgical point of view**
Hasan Batirel (Istanbul, Turkey)
- Themes on improving ERAS:**
- Preoperative preparation
 - Prehabilitation
 - Prevention-prophylaxis of PONV, VTE etc
 - Ventilation
 - Postoperative pain
 - Perioperative nutrition and fluid therapy etc
- Faculty: Mohammad El Tahan / Mert Senturk / Federico Piccioni / Tamas Vegh / Moyca Drnovšek Globokar / Marc Licker / Ricard Navarro

DECEMBER 15

ROOM GALATEA

16:00

18:00 AWARDS SESSION

Chairs: Mohamend El Tahan (Mansoura, Egypt), Chirojit Mukherjee (Karlsruhe, Germany),
Patrick Wouters (Ghent, Belgium)

ROOM AGAVE

16:00

18:00 THORACIC Hands-on Workshop

Chairs: Manuel Granell (Valencia, Spain), Caroline Vanpeteghem (Ghent, Belgium)

16:00 Introduction

Caroline Vanpeteghem (Ghent, Belgium)

16:05 Double-lumen tubes

Caroline Vanpeteghem (Ghent, Belgium)

16:10 Bronchial blockers

Laszlo Szegedi (Brussels, Belgium)

16:15 Truncal blocks

Fernando Sanchez Garcia (Valencia, Spain)

16:20 Tables: DLT 1, DLT 2, BB 1, BB 2, Diff Airway, Truncal blocks (sonography)

Speakers: Caroline Venpetaghem, Laszlo Szegedi, Waheed Karzai, Mert Senturk, Manuel Granell, Ben Shelley, Radu Stoica, Fernando Sanchez Garcia

16TH DECEMBER, 2022



European Association
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DECEMBER 16

ROOM GALATEA

09:00

11:00 **LOCAL COMMITTEE PANEL SESSION - Patient centered perioperative management**

Chairs: Tomas Jovaisa (Vilnius, Lithuania) Tadas Lenkutis (Kaunas, Lithuania)

09:00

Quality improvement in pain, agitation and delirium

Christopher Walker (London, UK)

09:20

Can we influence the outcomes of frail patients postoperatively?

Marija Svetikiene (Vilnius, Lithuania)

09:40

Individualized optimal perfusion pressure during CPB: mission possible?

Milda Svagzdiene (Kaunas, Lithuania)

10:00

Adding Objectivity to Submaximal Exercise Testing by Assessment Of Heart Rate Recovery – A Healthy Volunteer Study Iii (Search-Iii)Hassan Ismahel (Glasgow, UK)

Minhas Haroon, Morton Christopher, Shelley Ben

10:10

Risk factors associated with mortality in the infective endocarditis patients

Daiva Grazulyte (Vilnius, Lithuania)

10:30

Optimizing Care – Getting it right first time”

Roger Cordery (London, UK)

10:50

General Discussion

ROOM DIONE

09:00

11:00 **ICU Panel Session - GI session**

Chairs: Martin Bernardi (Wien, Austria), Jan De Waele (Ghent, Belgium)

09:00

Enteral nutrition for unstable patients: early or not?

Antonella Cotoia (Foggia, Italy)

09:20

Should we prevent upper GI ulcers and bleeding?

Pasquale Raimondo (Bari, Italy)

09:40

Gut ischemia: how to detect and prevent?

Bertrand Rozec (Nantes, France)

10:00

Impact of Early Postoperative Immunonutrition On Renal Impairment In Low-Risk Cardiac Surgery PatientsMarija Svetikiene (Vilnius, Lithuania)

Trybe Dainius, Isajevas Viktoras, Vezeliene Jevgenija, Ringaitiene Donata, Serpytis Mindaugas, Sipylaite Jurate

10:10

Liver/pancreatic ischemia after cardiac surgery: how to prevent, detect and treat?

Amer Harky (Liverpool, UK)

10:30

Abdominal compartment syndrome after cardiac surgery: should we care of it?

Jan De Waele (Ghent, Belgium)

10:50

General Discussion

DECEMBER 16

ROOM PERSEIDE

09:00

11:00 HAEMOSTASIS PANEL SESSION - Novel aspects of anticoagulation in cardiac surgery

Chairs: Daniel Bolliger (Basel, Switzerland), Gabor Erdoes (Berne, Switzerland)

09:00

Are we going to use AI-derived algorithms to guide PBM decision making?

Aamer Ahmed (Leicester, UK)

09:20

Antithrombin substitution in pediatric congenital heart surgery

Birgitta Romlin (Gottenburgh, Sweden)

09:40

New POCTs or alternative coagulation measurements on the horizon?

Marcus Lance (Maastricht, The Netherlands)

10:00

Evaluation Of The Implementation Of Rotational Thromboelastometry Guided Coagulation Management In Adult Cardiac SurgeryJorge Vallés-Torres (Zaragoza, Spain)

Gallego-Ligorit Lucía, González-Rodríguez Victoria, Izquierdo-Villarroya Blanca, Hernando-Vela Belén, Herrero-Izquierdo Alba, Herrero-Traver Miriam, Puértolas-Ortega María, Sanjuán-Villarreal Alberto

10:10

Ten years follow-up on the impact of blood transfusion

Hanne Berg Ravn (Copenhagen, Denmark)

10:30

Fibrinogen revisited

Gabor Erdoes (Berne, Switzerland)

10:50

Discussion

ROOM ELETTRA

09:00

11:00 VASCULAR Panel Session - Perioperative complications in vascular surgery – how can anesthesia improve outcome?

Chairs: Simon Howell (Leeds, UK), Purificaciòn Matute Jimenez (Barcelona, Spain)

09:00

Troponin monitoring: sense and thresholds

Nicolino Esposito (Naples, Italy)

09:25

Stroke – Do we have a chance to counteract at all?

Simon Howell (Leeds, UK)

09:50

Distal Limb Ischemia for more than sixty minutes during Femoral Artery Cannulation is associated with Postoperative Acute Kidney InjuryMagdalena Kaim-Rarata (Hasselt, Belgium)

Ceulemans Angelique, Vanhilst Eline, Dewandre Jan, Ory Jean-Paul, Wyckmans Werner, Björn Stessel Björn Stessel, Vranken Dirk, Jeroen Vandenbrande

10:00

BNP measurement for every vascular patient?

J Hans Knotzer (Wels, Austria)

10:25

Colon ischemia – Role of perioperative hemodynamic optimization

Miquel Coca (Barcelona, Spain)

10:50

General Discussion

DECEMBER 16

ROOM CALIPSO

09:00

11:00 **ECHO Panel Session - To Infinity and Beyond**

Chair: Johan Bence (Leicester, UK)

09:00

Echo Cardiography and Artificial Intelligence: New Horizons?

Chirojit Mukherjee (Karlsruhe, Germany)

09:20

Echo Reality – VR and 3D printing

Roberto Mosca (Manchester, UK)

09:40

Integrated Imaging – What can we learn?

Sascha Treskatch (Berlin, Germany)

10:00

Echo Round: Three Dimensional Trimming, the Free Angle Alternative for Mitral and Aortic Valve Vitium Assessment

Hany Elgamal (Bad Rothenfelde, Germany)

10:10

Multiplanar Reconstruction – Decision making in Aortic valve Surgery

Joost van der Maaten (Groningen, The Netherlands)

10:30

New Procedures and Devices in the Cath Lab. – Did Echo Make this possible?

Jörg Ender (Leipzig, Germany)

10:50

General Discussion

11:00 – 11:30 COFFEE BREAK

ROOM GALATEA

11:30

13:00 **PLENARY CLOSING SESSION**

11:30

Awards

Steffen Rex (Aachen, Belgium)

12:00

Report on the congress

Gianluca Paternoster (Potenza, Italy)

12:20

Message from the Organising Committee Chairs

Fabio Guarracino (Pisa, Italy) – Ieva Jovaisiene (Vilnius, Lithuania)

12:40

Closing remarks from the EACTAIC President

Patrick Wouters (Ghent, Belgium)

13:00 – 14:00 LUNCH

ROOM CALIPSO

13:00

13:30 **INDUSTRY SPONSORED LECTURE**

DECEMBER 16

ROOM GALATEA

14:00

16:00 THORACIC Panel Session - Non-Pulmonary Challenges in Thoracic Anaesthesia

Chairs: Laszlo Szegedi (Brussels, Belgium), Ben Shelley (Glasgow, UK)

14:00 Anaesthesia for oesophageal surgery

Laszlo Szegedi (Brussels, Belgium)

14:20 Anaesthesia and ventilation for airway interventions

Waheed Karzai (Bad Berka, Germany)

14:40 Anaesthesia for tracheal surgery 1

Radu Stoica (Bucharest, Romania)

15:00 Erector Spinae Plane Block Catheter: A Goal Standard For Thoracic Anaesthesia?Juneenath Karattuparambil (Stroke on Trent, UK)

Karattuparambil Juneenath, Osman Ahmed, Srinivasan Lakshmi

15:10 Anaesthesia for tracheal surgery 2 – new developments

Jo Mourisse (Nijmegen, The Netherlands)

15:30 OLV for patients with right ventricular dysfunction

Ben Shelley (Glasgow, UK)

15:50 General Discussion

ROOM DIONE

14:00

16:00 PEDIATRIC & CONGENITAL PANEL - Expanding Boundaries - Education, Research, Techniques & Pharmacology

Chairs: Mona Momeni (Leuven, Belgium), Mohamed El Tahan (Mansoura, Egypt)

14:00 Education in Pediatric Cardiac Anesthesia: EACTAIC Programmes and Centers Accredited

Mona Momeni (Leuven, Belgium), Mohamed El Tahan (Mansoura, Egypt)

14:20 Without data, you're just another person with an opinion: Towards a European Pediatric Cardiac Anesthesia database

Joost van der Maaten (Groningen, The Netherlands)

14:40 Regional Anesthesia in Pediatric Cardiac Surgery: A Road to Enhanced Recovery

Mohamed El Tahan (Mansoura, Egypt)

15:00 The Effects Of Dexmedetomidine On Oxygen-Glucose Deficiency/Reoxygenation-Induced Damage In Mouse Neuroblastoma CellsTulun Ozturk (Manisa, Turkey)

Vural Kamil, Turkoz Uluer Elgin, Dariverenli Ertan, Onal Tuna

15:10 Transfusion of platelets and coagulation factors during rewarming on cardiopulmonary bypass in neonates: Is there a rationale?

Marco Ranucci (Milan, Italy)

15:30 New drugs on the horizon: Remimazolam – fast and furious?!

Sasha Meier (Groningen, The Netherlands)

15:50 General Discussion

DECEMBER 16

ROOM PERSEIDE

14:00

16:10 TRANSPLANT & VAD PANEL - Controversial issues in lung transplantation

Chairs: Martin Dworschak (Wien, Austria), Vera von Dossow (Bad Oeynhausen, Germany)

14:00

Should we proceed transplanting patients with post-COVID lung fibrosis?

Konrad Hötzenecker (Wien, Austria)

14:25

Is lung transplantation on ECMO beneficial? Pros and cons

Vera von Dossow (Bad Oeynhausen, Germany)

14:50

Management Of Major Airway Haemorrhage With Venovenous Extracorporeal Membrane Oxygenation In A Heart Transplant RecipientPhillip Howells (Birmingham, UK)

Vadukul Prakash, Dunn Alexander, Golding Robert, Lim Hoong Sern

15:00

International Lung Transplant consensus: the roadmap after multisociety approvals

Nandor Marczin (London, UK)

15:25

Xanthohumol Reduces The Expression Of Pro-Inflammatory And Oxidative Stress Markers In The Lung Of Senescence-Accelerated Prone Mice (Samp8)Ángela Puig Ramos (Madrid, Spain)

Rancan Lisa, Paredes Royano Sergio Damián, Linillos Beatriz, Vara Elena, Fernández-Tresguerres Jesús

15:35

Development of Lung Transplant Anesthesiology Fellowship Program: Is it time?

Julien Fessler (Suresnes, France)

16:00

General Discussion

ROOM PERSEIDE

14:00

15:35 CPB Panel Session – Temperature Management, DHCA and Normothermic Regional Perfusion

Chairs: Robertas Samalavicius, (Vilnius, Lithuania) - Gudrun Kunst (London, UK)

14:00

Temperature Management during CPB

Cotza Mauro (Milan, Italy)

14:20

Frozen Elephant Surgery - an Overview

Giacomo Murana (Bologna, Italy)

14:40

Increased Supar Serum Concentrations In Patients With Left And Right Ventricular Remodeling Due To Pressure Overload Is Associated With Myocardial MassCecilia Veraar (Wien, Austria)

Ausserhofer Teresa, Lang Irene, Mascherbauer Julia, Tschernko Edda, Dworschak Martin, Ankersmit Hendrik Jan, Moser Bernhard

14:50

Deep Hypothermic Arrest and Organ Protection

Charles Hogue (Chicago, US)

15:10

Normothermic Regional Perfusion

Lorenzo Grazioli (Bergamo, Italy)

15:30

General Discussion

DECEMBER 16

ROOM CALIPSO

14:00

16:00 **Joint Session EACTAIC-ESAIC - THE PATIENT SAFETY**

Chairs: Patrick Wouters (Ghent, Belgium), Edoardo De Robertis (Perugia, Italy)

14:00 **Parioperative Meidcine: a continuum of care**

Edoardo De Robertis (Perugia, Italy)

14:30 **Patients' view on patient safety**

And Janncke Mellin-Olsen (Trondheim, Norway)

15:00 **Prevention strategies**

Silvia De Rosa (Vicenza, Italy)

15:30 **The human factor**

Steffen Rex (Aachen, Belgium)

GENERAL INFO



European Association
of Cardiothoracic Anaesthesiology
and Intensive Care



GENERAL INFORMATION

CONGRESS VENUE

Centro Congressi Stazione Marittima
Molo Angioino - 0133 Napoli Porto

The congress will start on December 14 and close on December 16, 2022.

SECRETARIAT & REGISTRATION DESK

The pre-registration and on-site registration desks will be open for participants during the following days and times:

December 14, 2022 → 08h00 – 18h30

December 15, 2022 → 08h30 – 18h30

December 16, 2022 → 08h30 – 16h30

Timings are preliminary and subject to changes.

CONGRESS APP

The free official EACTAIC APP, will be soon available for download on iOS and Android, will keep you updated about the Congress and the Society.

LANGUAGE

The official language of the Meeting is English. Simultaneous translation will not be provided.

LUNCHESES

Congress admitted participants are entitled to receive a box lunch free of charge on December 14, 15 and 16.

E-POSTER

A Digital Poster Area will be set up at the Congress venue, with electronic stations where all E-posters may be viewed throughout the Congress.

Poster discussion will take place on December 14 from 16.00 to 18.00

ABSTRACT BOOK

Accepted abstracts will be published in the supplement of the **Journal of Cardiothoracic and Vascular Anesthesia**, available for download here starting from the first congress day.

NO-SMOKING

Smoking in the Meeting area is not allowed.

MOBILE PHONES

Delegates are kindly requested to set their mobile phones on silent mode in the Rooms where scientific sessions are being held.

UEMS-EACCME Accreditation



The **37th EACTAIC Annual Congress "Expanding Boundaries"**, Naples, Italy, 14/12/2022- 16/12/2022 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with **13** European CME credits (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Through an agreement between the Union Européenne des Médecins Spécialistes and the American Medical Association, physicians may convert EACCME® credits to an equivalent number of *AMA PRA Category 1 Credits™*. Information on the process to convert EACCME® credit to AMA credit can be found at www.ama-assn.org/education/earn-credit-participation-international-activities.

Live educational activities, occurring outside of Canada, recognised by the UEMS-EACCME® for ECMEC®s are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.

SPONSORED SESSIONS



European Association
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DECEMBER 14

ROOM DIONE

13:00

13:45 **INDUSTRY SPONSORED SESSION - EDWARDS****What we... know, think and do: Hemodynamics in cardiac patients**

Chair: Nick Fletcher (London, UK)

13:00

Goal-directed hemodynamic therapy – history and the current strategies

Steffen Rex (Aachen, Belgium)

13:20

Patient safety in cardiac patients

Vera Von Dossow (Bad Oeynhausen, Germany)

13:40

Q&A and general discussion

ROOM PERSEIDE

13:00

14:00 **INDUSTRY SPONSORED SESSION - AIR LIQUIDE SANTE' INTERNATIONAL****Inhaled nitric oxide in cardio-thoracic area Past Present and Future**

Chairs: N. Marczin (London UK), P. Gaudard (Montpellier France)

13:00

Introduction

N. Marczin (London UK), P. Gaudard (Montpellier France)

13:15

State of the art: I. Zarragoikoetxea (Valencia, Spain)

inhaled NO in Pediatric population

Inhaled NO in Adult population

13:30

How to improve medical evidence? New applications

S. Münster (Bonn, Germany)

13:45

Conclusion

ROOM ELETTRA

13:00

13:30 **INDUSTRY SPONSORED LECTURE – NORDIC GROUP****4 years of Real-World Evidence with aprotinin**

J. van der Linden (Sweden)

ROOM CALIPSO

13:00

13:30 **INDUSTRY SPONSORED LECTURE - ESTOR****Endotoxemia in Cardiac Surgery Patients and Role of Polymyxin B Hemoperfusion**

G. Paternoster (Potenza, Italy)

DECEMBER 16

ROOM CALIPSO

13:00

13:30 *INDUSTRY SPONSORED LECTURE – CHIESI*

Hypertension in ICU: a patophysiological approach

G. Paternoster (Potenza, Italy)



European Association
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and Intensive Care

Executive office & Organising Secretariat



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