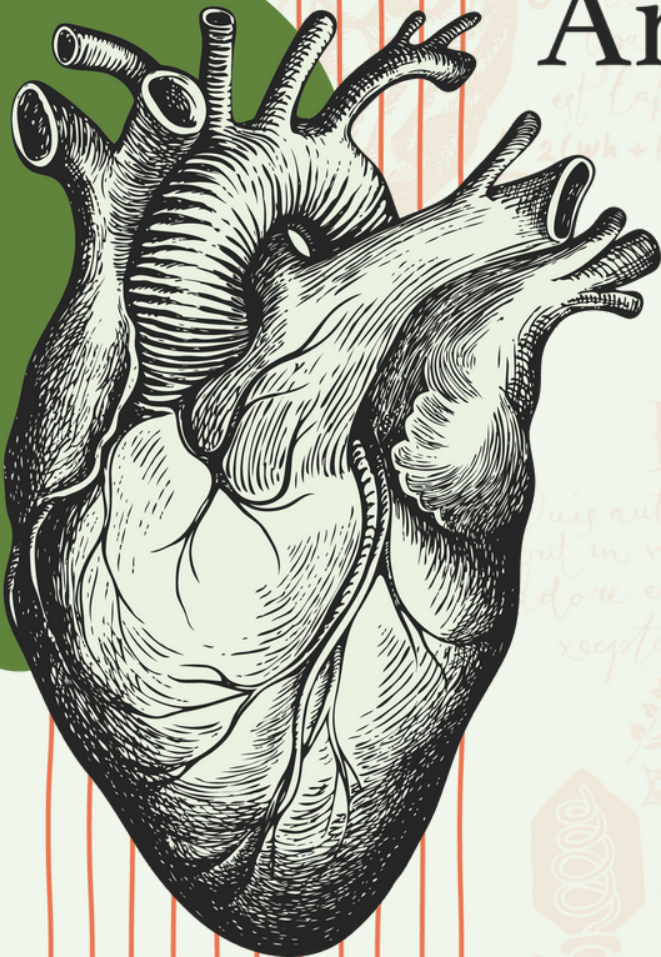




38th EACTAIC Annual Congress

October 11-13, 2023
Hungexpo / Budapest

*Challenges
and Opportunities*



European Association
of Cardiothoracic Anaesthesiology
and Intensive Care

FINAL PROGRAMME

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EACTAIC ANNUAL CONGRESS 2023 | FINAL PROGRAMME

WELCOME MESSAGE

We are excited to invite you to the 38th Annual Congress of the European Association of Cardiothoracic Anaesthesiology and Intensive Care (EACTAIC), which will be held in Budapest, Hungary, on October 11-13, 2023.

The theme of this year's congress is "Challenges and Opportunities," which reflects the evolving role of cardiothoracic and vascular anaesthesia amidst the increasing complexity of cardiovascular diseases. As our specialty continues to become ever more sophisticated, there is a greater need for multidisciplinary collaboration and convergence between cardiology, cardiothoracic surgery, and cardiac anaesthesia, with regards to building on our shared knowledge base and overlapping skillsets. The congress will feature a range of scientific sessions, including plenary lectures, symposia, teaching masterclasses and workshops, all designed to share the latest advances in research, clinical practice, and education in the field.

In addition to the scientific program, there will be ample opportunities for networking and collaboration, including a welcome reception, social events, and an exhibition hall showcasing the latest products and services in cardiothoracic anaesthesiology.

Budapest is a city that captivates visitors with its rich history, stunning architecture, and vibrant cultural scene. The city is known for its picturesque views of the Danube River, the magnificent Chain Bridge, and the grandeur of Buda Castle. Budapest is also famous for its thermal baths, offering a relaxing and rejuvenating experience for those who visit. The city is also renowned for its culinary and wine virtues, offering a wide array of Hungarian culinary delicacies in famous restaurants, coffee houses, and pastry shops.

We invite you to join us in Budapest from October 11-13, 2023, for a memorable and enriching experience. The congress promises to provide an excellent opportunity to expand your knowledge, connect with colleagues, and experience the vibrant city of Budapest.

We look forward to welcoming you to the 2023 EACTA Congress in Budapest.

Sincerely,

Andrea Székely

Head of Local Organizing Committee

Patrick Wouters

President of EACTAIC

Gianluca Paternoster

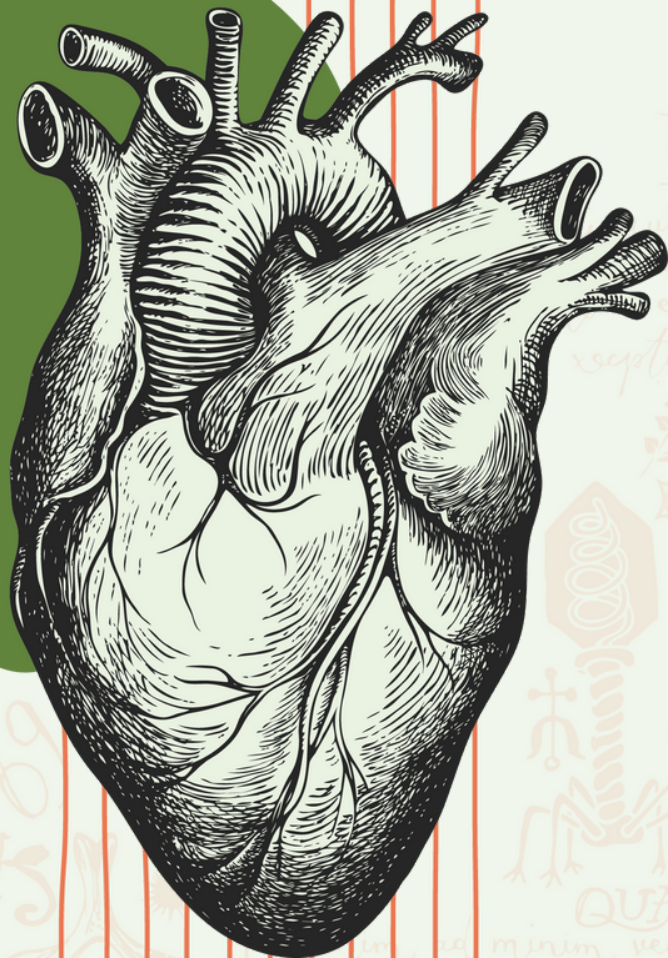
Annual Events Chair of EACTAIC

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Végh Tamás
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WEDNESDAY OCTOBER II



European Association
of Cardiothoracic Anaesthesiology
and Intensive Care

WEDNESDAY, OCTOBER 11**ROOM F1+F2**

- 08:30
- 10:30 **ECHO Pannel session 1: "EXPANDING THE LIMITS OF ECHOCARDIOGRAPHY"**
Chairs C. Mukherjee (Karlsruhe, Germany) D. Bettex (Zürich, Switzerland)
- 08:30 – 08:50 **TEE outside of the heart** – M. Meineri (Leipzig, Germany)
- 08:50 – 09:10 **TEE in Thoracic Surgery: when how and why?** – A. Rubino (Cambridge, UK)
- 09:10 – 09:30 **TEE Hemodynamics: do I still need a PA Catheter?** – S. Treschkatch (Berlin, Germany)
- 09:30 – 09:40 **Oral Presentation: Evaluation of Intraoperative Left Ventricular Diastolic Function by Myocardial Strain in Onpump Coronary Artery Bypass Surgery** – Jakob Labus (Cologne, Germany)
- 09:40 – 10:00 **PUCUS in postoperative cardiac surgical patients: is it worth the effort?** - J. Ender (Leipzig, Germany)
- 10:00 – 10:20 **Echocardiography-guided CPR** – R. Breutkreutz (Herne, Germany)
- 10:20 – 10:30 **Discussion**
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ROOM F6

- 08:30
- 09:00 **SCA Lecture**
Chair: P. Wouters (Ghent, Belgium)
Gender equity - advancing women in medicine – K. Glas (Tucson, USA)
-

ROOM F7

- 08:30
- 10:30 **ICU Panel Session 1: "PERIOPERATIVE MEDICINE"**
Chairs: I. Michaux (Namur, Belgium), A. Bouglé (Paris, France)
- 08:30 – 08:50 **SGLT2 inhibitors: ketoacidosis, when to stop, when to start?** – P. Wohlrab (Wien, Austria)
- 08:50 – 09:10 **Endocrinological problems in cardiac ICU: hyper-hypothyroidism, CIRCI** – I. Michaux (Namur, Belgium)
- 09:10 – 09:30 **Bedside ultrasound evaluation of the lungs, diaphragm, trachea, veins** – M. Meineri (Leipzig, Germany)
- 09:30 – 09:50 **Sarcopenia in the critically ill: how should we prescribe nutrition and exercise** – A. Fischer (Wien, Austria)
- 09:50 – 10:00 **Oral presentation: Enhanced Recovery after Elective Cardiac Surgery; a focus on Key Performance Indicators** – A. Menon (Cambridge, UK)
- 10:00 – 10:20 **How to reduce ICU readmission after discharge?** - A. Bouglé (Paris, France)
- 10:20 – 10:30 **Discussion**
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WEDNESDAY, OCTOBER 11

ROOM F8

- 08:30
- 10:30 **PEDIATRIC Panel Session 1: "HYPOPLASTIC LEFT HEART COMPLEX - MANY CHALLENGES - ALSO NEW OPPORTUNITIES?!"**
Chairs: T. Kousi (Athens, Greece), E. Szekely (Budapest, Hungary)
- 08:30 – 08:50 **Anatomical variations & Pathophysiology** – K. Schmitt (Berlin, Germany)
08:50 – 09:10 **Timing and strategies for surgery** – Z. Prodan (Budapest, Hungary)
09:10 – 09:30 **Challenges for the anesthesiologist** – A. Janai (Liepzig, Germany)
- 09:30 – 09:40 **Oral Presentation: Comparison of post-thoracotomy pain management methods: direct intercostal local analgesia versus erector spinae plane block (ESP block)** – C. Cao (Budapest, Hungary)
- 09:40 – 10:00 **Challenges for the pediatric intensivist** – G. Isgrò (Mian, Italy)
10:00 – 10:20 **Challenges in Critical-Care and Anesthetic Management of Adult Patients Living with Single Ventricle Solutions** – J. Heggie (Toronto, Canada)
10:20 – 10:30 **Discussion**

ROOM F4

- 08:30
- 10:30 **LOCAL Hands-on Session 1: INDICATIONS AND POSSIBLE OPTIONS ON PAIN MANAGEMENT**
- 08:30 – 09:10 **Thoracic spine (ESP, paravertebral, Intercostal, ESP, PIFB (Pecto-Intercostal Fascial Block)**
Z. Gyöngyösi (Debrecen, Hungary)
09:10 – 09:50 **Sternoclavicular joint pain, Facet joint pain - Costovertebral/costotransverse junction**
B. Bartos (Budapest, Hungary)
09:50 – 10:00 **Cervical sonoanatomy** – A. Stogicza (Budapest, Hungary)

ROOM F6

- 09:00
- 10:30 **CPB Panel session 1: Organ Protection**
Chairs: M. Vives (Barcelona, Spain), F. Monaco (Milan, Italy)
- 09:00 – 09:25 **Steroids for organ protection during CPB?** – G. Landoni (Milan, Italy)
09:25 – 09:50 **Pros and contras of mini CPB** – F. Monaco (Milan, Italy)
- 09:50 – 10:00 **Oral presentation: The HEPDOSE pilot study: the use of the PRODOSE algorithm to reverse the effects of the administration of initial high dose unfractionated heparin** – R. Mudannayake (Cambridge, UK)
- 10:00 – 10:25 **Strategies to avoid red blood cell transfusion during CPB** – K. Kudrun (London, UK)
10:25 – 10:30 **Discussion**

WEDNESDAY, OCTOBER 11

10:30 - 11:00 Coffee Break

ROOM F6

11:00
12:30 **Joint Session EACTAIC – ESAIC: The Future of Cardiothoracic and Vascular Anesthesia & Intensive Care**
Chair: P. Wouters (Ghent, Belgium)

11:00 – 11:15 **ESAIC’s vision on the role of EACTAIC as a subspecialty society** – F. Guarracino (Pisa, Italy)
11:15 – 11:30 **Towards a European curriculum and certification for CTVA&IC** – P. Wouters (Ghent, Belgium)
11:30 – 11:45 **Everybody’s business: Implementing environmentally sustainable practices** – C. Lawson (Newcastle, USA)
11:45 – 12:00 **Care for each other: care for yourself** – J. Highfield (Cardiff, UK)
12:00 – 12:15 **Artificial Intelligence is your friend. For now** – E. G. Bignami (Parma, Italy)
12:15 – 12:30 **Discussion**

ROOM F7

11:00
12:30 **LOCAL Session 1: “Acute pain and Hemodynamic implications”**
Chairs: A. Stogicza (Budapest, Hungary), Z. Gyöngyösi (Budapest, Hungary)

11:00 – 11:15 **Thoracic spine sonoanatomy and procedures** – A. Stogicza (Budapest, Hungary)
11:15 – 11:30 **US guided cervical plexus block in carotid endarterectomies** – Z. Gyöngyösi (Budapest, Hungary)
11:30 – 11:45 **Epidural vs Paravertebral** – B. Bartos (Budapest, Hungary)
11:45 – 12:00 **How to avoid complications in cervical and thoracic procedures?** – A. Stogicza (Budapest, Hungary)
12:00 – 12:15 **Hemodynamic implications of loco regional anesthesia** – F. Guarracino (Pisa, Italy)
12:15 – 12:30 **Discussion**

12:30 - 14:00 Lunch

ROOM F7

13:00
14:00 **INDUSTRY SPONSORED SESSION**

ROOM F8

13:00
14:45 **INDUSTRY SPONSORED SESSION**

WEDNESDAY, OCTOBER 11

ROOM F1+F2

- 14:00
- 15:30 **ECHO Panel session 2: "WHEN TEE MAKES A DIFFERENCE"**
Chairs: M. Meineri (Leipzig, Germany), S. Moravkova (Harefield, UK)
- 14:00 – 14:15 **Can we predict RV function after LVAD implantation?** – I. Michaux (Namur, Belgium)
- 14:15 – 14:30 **TEE Monitoring for ECMO: is the LV unloaded?** – M. Mondino (Milan, Italy)
- 14:30 – 14:45 **Can the Aortic Valve be repaired?** – J. Van der Maaten (Gorinzen, The Netherlands)
- 14:45 – 14:55 **Oral Presentation: The characteristics of Left atrial longitudinal strain in patients with cryptogenic stroke using Speckle Tracking Echocardiography- A case control study** – L. Bigdelu (Mashhad, Iran)
- 14:55 – 15:10 **Functional TR: TEE assessment and intraoperative surgical decision making** – J. Bence (Leicester, UK)
- 15:10 – 15:25 **Ischemic MR: Repair, Replace, or leave it alone. Can intraoperative TEE make a difference?**
C. Mukherjee (Karlsruhe, Germany)
- 15:25 – 15:30 **Discussion**
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ROOM F6

- 14:00
- 15:30 **CPB Meet the Experts: "AKI in Cardiac Surgery"**
Chairs: G. Landoni (Milan, Italy), J. L. Carrasco (Paris, France)
- 14:00 – 14:40 **Strategies for prevention and early treatment of CSAKI** – M. Vives (Barcelona, Spain)
- 14:40 – 15:15 **Venous Congestion and AKI – VEXUS score by ultrasound** – M. J. Cordero (San Francisco, USA)
- 15:15 – 15:30 **Discussion**
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ROOM F7

- 14:00
- 15:30 **VASCULAR Panel Session 1: "CRITICAL LIMB THREATENING ISCHAEMIA (CLTI)-A CINDERELLA CONDITION"**
Chairs: T. Ferenci (Budapest, Hungary), S. Howell (Leeds, UK)
- 14:00 – 14:20 **The Epidemiology and Impact of CLTI Insights from the HUNVASCDATA** – T. Ferenci (Budapest, Hungary)
- 14:20 – 14:40 **The 2023 ERAS Framework for Lower Extremity Bypass-Anaesthetic Considerations** – S. Howell (Leeds, UK)
- 14:40 – 14:50 **Oral presentation: The effect of carotid endarterectomy on cognitive function regarding cerebral hypoperfusion** – A. D. Sandor (Budapest, Hungary)
- 14:50 – 15:10 **ERAS Framework for Lower Extremity Bypass-Surgical Considerations** – K. McGinagle (Capel Hil, USA)
- 15:10 – 15:30 **CTLI-Angioplasty, Bypass or Amputate-What is the Evidence?** – P. Banga (Budapest, Hungary)
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WEDNESDAY, OCTOBER 11

ROOM F8

14:00

15:30

LOCAL Panel Session 2: "CHALLENGES AND OPPORTUNITIES IN HUNGARY"

Chairs: J. Gál (Budapest, Hungary), C. Mukherjee (Karlsruhe, Germany)

14:00 – 14:20 **Cardiac patient in the general intensive care unit-** J. Gál (Budapest, Hungary)

14:20 – 14:40 **Lower limb ischemia**– E. Kolossvary (Budapest, Hungary)

14:40 – 15:00 **Artificial Intelligence –opportunities and dangers** – P. Maurovich Horvat (Budapest, Hungary)

15:00 – 15:20 **Latest innovations using 3D technology in cardiac surgery** – I. Hartyánszky

15:20 – 15:40 **Evolution of transesophageal echocardiography** – S. Konstadt (Brooklyn, USA)

15:40 – 15:45 **Discussion**

ROOM F4

14:00

16:00

THORACIC HANDS-ON TRAINING

Chairs: T. Végh (Debrecen, Hungary), B. Pálóczi (Debrecen, Hungary),

14:00 – 14:25 **Management of intraoperative hypoxia during one-lung ventilation (Apollo simulator)**

R. Stoica (Bucharest, Romania), F. Piccioni (Reggio Emilia, Italy), T. Hachenberg (Koln, Germany), J. Wittenstein (Dresden, Germany)

14:25 – 14:35 **Discussion**

14:35 – 15:00 **Hemodynamics compromises during thoracic surgery (Edwards simulator)**

M. Sentürk (Istanbul, Turkey), Nándor Marczin (London, UK)

15:00 – 15:10 **Discussion**

15:10 – 15:35 **Airway management in thoracic anesthesia (DLTs, BBs, difficult airway)**

T. Végh (Debrecen, Hungary), J. Mourisse (Oeffelt, The Netherlands), E. Tschernko (Wien, Austria), R. Stoica (Bucharest, Romania)

15:35 – 16:00 **Possibilities of pain management in thoracic anesthesia - hands-on workshop (epidural, US-guided**

truncal blocks) – M. Granell Gil (Valencia, Spain), B. Emre Sertaç (Istanbul, Turkey), B. Pálóczi (Debrecen, Hungary)

ROOM F1+F2

15:30

16:40

Opening Ceremony

Chairs: G. Paternoster (Potenza, Italy), P. Wouters (Ghent, Belgium), A. Szekely (Budapest, Hungary)

15:30 – 15:50 ***Welcome Speech*** - G. Paternoster (Potenza, Italy), P. Wouters (Ghent, Belgium),

A. Szekely (Budapest, Hungary)

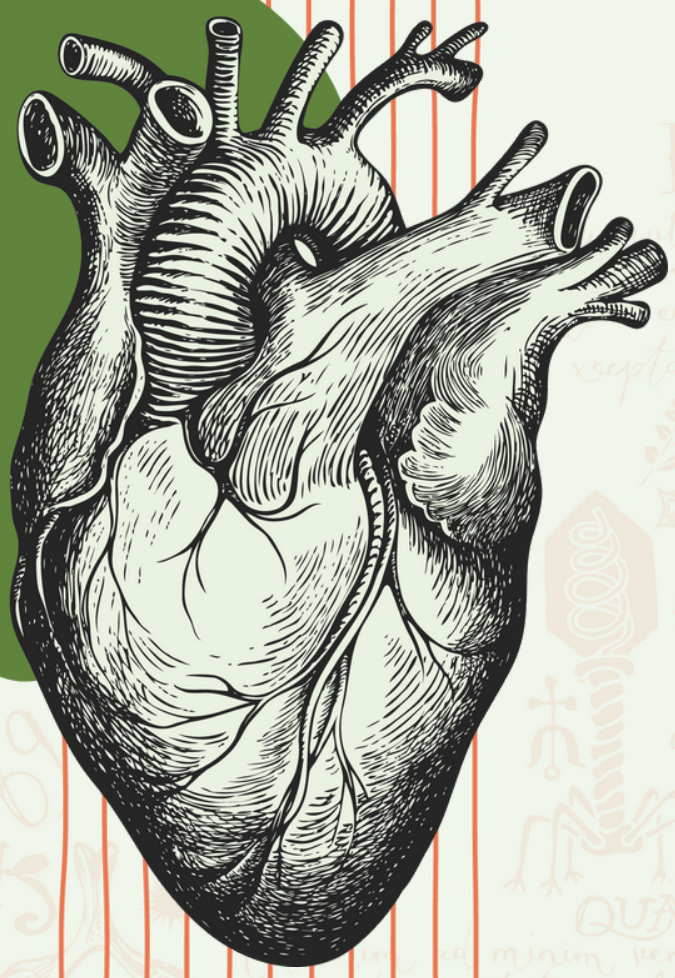
15:50 – 16:10 ***That was the past*** – R. Meszaros (Budapest, Hungary)

16:10 – 16:30 ***Cardiac innovations-need for anesthesiologists*** - Bela Merkely (Budapest, Hungary)

16:30 – 16:40 ***Best Abstract: PECS II block as part of multimodal analgesia for minimally invasive cardiac surgery with cardiopulmonary bypass – a triple-blinded, randomized, controlled trial*** – L. Gasteiger (Innsbruck, Austria)



THURSDAY OCTOBER 12



European Association
of Cardiothoracic Anaesthesiology
and Intensive Care

THURSDAY, OCTOBER 12

ROOM F1+F2

- 08:30
10:30 **TRANSPLANT&VAD Panel Session 1: “CONTROVERSIAL ISSUES IN HEART TRANSPLANTATION”**
Chairs: B. Martinez-Lopez (Verona, Italy), D. Pasero (Sassari, Italy)
- 08:30 – 08:55 **New challenges in organ procurement for heart transplantation** – A. Zuckermann (Wien, Austria)
08:55 – 09:20 **Challenges in transition from MCS to heart transplantation.** – M. Mondino (Milan, Italy)
- 09:20 – 09:30 **Oral Presentation: Multimodal prehabilitation improves short-term post-transplant outcomes while not increasing costs for heart transplant recipients** – M. Lopez Baamonde (Barcelona, Spain)
- 09:30 – 09:55 **Heart transplantation and MCS in Adult Congenital heart disease** – D. Zimpfer (Graz, Austria)
09:55 – 10:20 **Pathophysiology of severe primary graft dysfunction in heart transplantation** – M. Bernardi (Wien, Austria)
10:20 – 10:30 **Discussion**
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ROOM F6

- 08:30
10:30 **PEDIATRIC Panel Session 2: “OPPORTUNITIES IN PEDIATRIC CARDIAC ANESTHESIA”**
Chairs: T. Aloisio (Milan, Italy), S. Meier (Groningen, The Netherlands)
- 08:30 – 08:50 **Initial experience with the PCA fellowship programme**
T. Kousi (Athens, Greece) M. Velten (Bonn, Germany)
- 08:50 – 09:10 **Neurologic monitoring during and after pediatric cardiac surgery** – T. Aloisio (Milan, Italy)
09:10 – 09:30 **Depth of anesthesia monitoring in pediatric cardiac anesthesia – standard of care?**
S. Meier (Groningen, The Netherlands)
- 09:30 – 09:40 **Oral presentation: Improving transfer and handover process of intubated paediatric cardiac patients between the operating theatre and paediatric intensive care unit patients - a quality improvement project** – S. Thampi (Singapore)
- 09:40 – 10:00 **Enhanced recovery after paediatric cardiac surgery - where do we stand?** – M. Velten (Bonn, Germany)
10:00 – 10:20 **Kidney injury related to paediatric cardiac surgery - what the anaesthetist can do about it**
D. Lex (Budapest, Hungary)
10:20 – 10:30 **Discussion**
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THURSDAY, OCTOBER 12

ROOM F7

- 08:30
10:30 **HEMOSTASIS Panel Session 1 "CHALLENGES IN TRANSFUSION STRATEGIES AND OLD AND NEW DRUGS"**
Chairs: D. Bolliger (Basel, Switzerland), G. Erdoes (Berne, Switzerland)
- 08:30 – 08:50 **Artificial Intelligence in the perioperative setting: is there a role in transfusion policies in cardiac surgery?** – A. Ahmed (Leicester, UK)
- 08:50 – 09:10 **Acquired bleeding disorders during cardiac surgery: how to diagnose and manage**
G. Erdoes (Berne, Switzerland)
- 09:10 – 09:20 **Oral Presentation: Heparin reversal with two protamine-heparin ratios after cardiopulmonary bypass. a randomized controlled pilot feasibility study** – E. Samara (Ioannina, Greece)
- 09:20 – 09:40 **Antithrombin administration in cardiac surgery: fall and rise** - M. Ranucci (Milan, Italy)
- 09:40 – 10:00 **Role of fXIII administration in cardiac surgery bleeding** - M. Lancè (Maastricht, The Netherlands)
- 10:00 – 10:20 **Alternative anticoagulants: where are we?** - D. Bolliger (Basel, Switzerland)
- 10:20 – 10:30 **Discussion**
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ROOM F8

- 08:30
10:30 **Thoracic Masterclass**
Chairs: M. Sentürk (Istanbul, Turkey), E. Tschernko (Wien, Austria)
- 08:30 – 08:50 **Interpreting lung function tests and cardiac tests: tips and tricks** – T. Hachenberg (Koln, Germany)
- 08:50 – 09:10 **Indications and interpretation preoperative cardiac tests: tips and tricks** – J. Wittenstein (Dresden, Germany)
- 09:10 – 09:30 **EuroLung and Thoracoscore: Evidences and how to calculate them correctly?**
B. Pálóczi (Budapest, Hungary)
- 09:30 – 09:50 **Preoperative care of high risk thoracic surgical patients** – F. Piccioni (Reggio Emilan, Italy)
- 09:50 – 10:10 **Postoperative care of high risk thoracic surgical patients** – M. Granell Gil (Valencia, Spain)
- 10:10 – 10:30 **Discussion**
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ROOM F4

- 08:30
10:30 **ECHO Workshop 1: "BASIC FATE AND LUNG"**
- 08:30 – 09:00 **TTE Basic Views** – P. Juhl-Olsen (Aarhus, Denmark)
- 09:00 – 09:30 **Lung US** – S. Bouchez (Aalst, Belgium)
- 09:30 – 10:00 **Passive Leg Raise/IVC Assessment** – S. Treschkatch (Berlin, Germany)
- 10:00 – 10:30 **TTE Pathology** – J. Bence (Leicester, UK)
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THURSDAY, OCTOBER 12

ROOM F9

08:30

10:30 ECHO Workshop 2: "ECHO-GUIDED PROCEDURES"

08:30 – 09:00 US-Guided Blocks: PIRS, ESK – M. Cibelli (Milan, Italy)

09:00 – 09:30 Vascular Access – J. Ender (Liepzig, Germany)

09:30 – 10:00 Airway Ultrasound – M. Meineri (Liepzig, Germany)

10:00 – 10:30 US guided Chest Tube Insertion – A. Rubino (Cambridge, UK)

10:30 - 11:00 Coffee Break

ROOM F4

10:30

12:30 ECHO Workshop 3: "Basic TEE"

10:30 – 11:00 Basic TEE Views with Simulator – P. Juhl-Olsen (Aarhus, Denmark)

11:00 – 11:30 TEE Hemodynamic assessment – M. Schup (Leicester, UK)

11:30 – 12:00 Gross valve Pathologies – S. Moravkova (Harefield, UK)

12:00 – 12:30 Ventricular Pathologies – M. Mondino (Milan, Italy)

ROOM F9

10:30

12:30 ECHO Workshop 4: "3D TEE"

10:30 – 11:00 3D Acquisition – J. Bence (Leicester, UK)

11:00 – 11:30 3D Cropping – D. Bettex (Zurich, Switzerland)

11:30 – 12:00 3D Models – C. Mukherjee (Karlsruhe, Germany)

12:00 – 12:30 MPR – J. Van der Maaten (Groningen, The Netherlands)

THURSDAY, OCTOBER 12

ROOM F8

- 10:30
12:30 **THORACIC Panel Session 1: "CHALLENGES IN THORACIC ANESTHESIA"**
Chairs: Nándor Marczin (London, UK), Federico Piccioni (Reggio Emilia, Italy)
- 10:30 – 10:50 **Tidal volumes and compliance: inspired from the best evidence available** – M. Sentürk (Istanbul, Turkey)
10:50 – 11:10 **Is protective ventilation data applicable to one-lung ventilation?** – L. Szegedi (Brussels, Belgium)
11:10 – 11:30 **The non-ventilated lung** – T. Végh (Budapest, Hungary)
- 11:30 – 11:40 **Oral Presentation: Pulmonary artery wave intensity analysis in a pig model of lung resection**
T. Keast (Glasgow, UK)
- 11:40 – 12:00 **Thoracic anesthesia for non-lung resection thoracic surgery** – R. Stoica (Bucharest, Romania)
12:00 – 12:20 **Role of the ECMO in thoracic anesthesia** – E. Tschernko (Wien, Austria)
12:20 – 12:30 **Discussion**

ROOM F1+F2

- 11:00
12:30 **VASCULAR Panel Session 2: "THORACOABDOMINAL ANEURYSMS-WHERE ARE WE NOW?"**
Chairs: F. Guarracino (Pisa, Italy), S. Howell (Leeds, UK)
- 11:00 – 11:20 **Surgery, Stenting, Hybrid, or Leave Alone?** – C. Berger (Berlin, Germany)
11:20 – 11:40 **Preoperative Assessment-Do Cardiovascular Tests Add Value?** – S. Howell (Leeds, UK)
- 11:40 – 11:50 **Oral Presentation: Trends and outcomes in anaesthesia for peripheral vascular surgery in patients with known cardiac comorbidity in Denmark** – J. Bisgaard (Aalborg, Denmark)
- 11:50 – 12:10 **Intraoperative Management-Is there Evidence for what we do?** – A. Chawla (London, UK)
12:10 – 12:30 **The add value of transesophageal echocardiography** - F. Guarracino (Pisa,Italy)

ROOM F6

- 11:00
12:30 **TRANSPLANT&VAD Panel Session 2: "LUNG TRANSPLANTATION"**
Chairs: A. Szekely (Budapest, Hungary), M. Dworschak (Wien, Austria)
- 11:00 - 11:15 **Borders in lung transplantation: When is it too late?** - K. Dave (Milton Keynes, UK)
11:15 - 11:30 **New lung preservation techniques and effect on outcomes in lung transplantation**
T. Schweiger (Wien, Austria)
- 11:30 - 11:45 **The role of inflammatory biomarkers (measured during EVLP) on the development of primary graft dysfunction after lung transplantation** – C. Veraar (Wien, Austria)

THURSDAY, OCTOBER 12

- 11:45 - 11:55 **Oral abstract presentation: New anesthetic challenges for novel surgical technique: intraoperative management of robot-assisted one lung transplantation** – N. Zebdi Abdallah (Barcelona, Spain)
- 11:55 – 12:10 **Pros and cons of early tracheostomy after lung transplantation** – A. Verzelloni (London, UK)
- 12:10 – 12:25 **New insights/gaps in the international lung transplantation guideline** - D. Pasero (Sassari, Italy)
- 12:25 – 12:30 **Discussion**

ROOM F7

- 11:00
- 12:30 **Local Session 3: “ECPR recent advances”**
Chairs: E. Zima (Budapest, Hungary), F. Sangalli (Sondrio, Italy)
- 11:00 – 11:15 **ECPR in OHCA, do we still need evidence?** - F. Sangalli (Sondrio, Italy)
- 11:15 – 11:30 **ECPR: choosing the right patient still matters or one size can fit all?** – I. Edes (Budapest, Hungary)
- 11:30 – 11:45 **Developing an ECPR program: recipes to avoid pitfalls.** – P. Bertini (Pisa, Italy)
- 11:45 – 12:00 **Post-arrest care in patients who underwent ECPR for CA: what's new?** – E. Zima (Budapest, Hungary)
- 12:00 – 12:15 **Unloading the left ventricle during va-ecmo: a need for all patients?** – P. Meani (Milan, Italy)
- 12:15 – 12:30 **Discussion**

- 12:30 - 14:00 **Lunch**

ROOM F1+F2

- 13:00 - 14:00 **General Assembly**

ROOM F1+F2

- 14:00
- 15:30 **Local Session 4: Educational Perspectives**
Chair: A. Szekely (Budapest, Hungary)
- 14:00 – 14:15 **Topic Education-uniform/diverse** – I. Bobek (Budapest, Hungary)
- 14:15 – 14:30 **Education in the future-need for specialisation and how?** – W. Buhre (Maastricht, The Netherlands)
- 14:30 – 14:45 **Current practice Diplom of CVA anesthesia?** - M. El Tahan (Egypt)
- 14:45 – 15:00 **ESAIC perspectives** – I. Bobek (Budapest, Hungary)
- 15:00 – 15:15 **Pediatric Anesthesia-the little orphan -Who should teach it how** – S. Meier (Groningen, The Netherlands)
- 15:15 – 15:30 **Discussion**

THURSDAY, OCTOBER 12

ROOM F6

14:00

15:30

CPB Panel Session 2: "PERFUSION AND CPB"

Chairs: K. Gudrun (London, UK), M. J. Cordero (San Francisco, USA)

14:00 – 14:25

Atrial fibrillation prevention and early treatment – J. L. Carrasco (Paris, France)

14:25 – 14:50

Delirium and neurocognitive dysfunction during CPB - K. Gudrun (London, UK)

14:50 – 15:00

Oral presentation: In-Vitro Investigation of Insulin Dynamics During Four Hours of Simulated Cardiopulmonary Bypass – T. Schweizer (Bern, Switzerland)

15:00 – 15:25

Goal-directed therapy in fluid therapy during cardiac surgery – M. Vives (Barcelona, Spain)

15:25 – 15:30

Discussion

ROOM F7

14:00

15:30

Thoracic Panel Session 2: "POSSIBILITIES IN THORACIC ANESTHESIA"

Chairs: T. Végh (Debrecen, Hungary), L. Szegedi (Brussels, Belgium)

14:00 – 14:15

Opioid free anesthesia in thoracic anesthesia: rising star or shooting star? – L. Szegedi (Brussels, Belgium)

14:15 – 14:30

Possibilities in pain management in thoracic anesthesia: new kids on the block?

M. Sentürk (Istanbul, Turkey)

14:30 – 14:45

Does it matter what drugs we use in thoracic anesthesia? What outcome matters?

J. Mourisse (Oeffelt, The Netherlands)

14:45 – 14:55

Oral Presentation: Feasibility of Right Ventricular Free Wall Longitudinal Strain Assessment of Contractile Reserve in Patients Undergoing Lung Resection – J. McErlane (Glasgow, UK)

14:55 – 15:10

Pediatric thoracic anesthesia: are the children small adults? – F. Piccioni (Reggio Emilia, Italy)

15:10 – 15:25

Frailty in thoracic anesthesia – N. Marczin (London, UK)

15:25 – 15:30

Discussion

ROOM F8

14:00

15:30

ICU Panel Session 2: "INFECTIOLOGICAL PROBLEMS IN THE FIELD OF CARDIAC SURGERY"

Chairs: P. Gaudard (Montpellier, France), R. Aref (Zalaegerszeg, Hungary)

14:00 – 14:20

How to diagnose and treat sternites/mediastinitis – R. Aref (Zalaegerszeg, Hungary)

14:20 – 14:40

Endocarditis on material (implantable stimulating devices, valves, LVAD) – P. Gaudard (Montpellier, France)

14:40 – 14:50

Oral Presentation: Polydistrectual resistance index evaluation is an assessment of vascular compliance in patients with septic shock treated with vasopressin – A. Barile (Foggia, Italy)

THURSDAY, OCTOBER 12

- 14:50 – 15:10 **Pharmacokinetic of antibiotics and antifungals under extracorporeal circuits – A. Bouglé** (Paris, France)
 15:10 – 15:30 **How I personalize fluid therapy in cardiac septic patients – B. Rozec** (Nantes, France)
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ROOM F4

- 14:00
 16:00 **LOCAL HANDS-ON TRAINING 2**
- 14:00 – 14:40 **Pain in cardiac surgery – K. Rácz, Z. Gyógyösi** (Budapest, Hungary)
 14:40 – 15:20 **Pain in vascular surgery – K. Rácz, Z. Gyógyösi** (Budapest, Hungary)
 15:20 – 16:00 **Pain in thoracic surgery – K. Rácz, Z. Gyógyösi** (Budapest, Hungary)
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ROOM F9

- 14:00
 16:45 **Hemostasis Masterclass: PREVENTION AND MANAGEMENT OF BLEEDING AND TRANSFUSION IN CARDIAC SURGERY**
 Chairs: B. Martinez (Verona, Italy), M. Lancè (Maastricht, The Netherlands)
- 14:00 – 14:05 **Introduction by course instructors - B. Martinez** (Verona, Italy), M. Lancè (Maastricht, The Netherlands)
 14:05 – 14:20 **Pathophysiology of coagulation in cardiac surgery – B. Romlin** (Goteborg, Sweden)
 14:20 – 14:40 **New insights in monitoring coagulation and platelet function during cardiac surgery**
 M. Lancè (Maastricht, The Netherlands)
 14:40 – 15:00 **Goal directed haemostatic protocols for the bleeding cardiac surgery patient – B. Babik** (Szeged, Hungary)
 15:00 – 15:20 **Perioperative management of DAPT and DOACs - B. Martinez** (Verona, Italy)
 15:20 – 15:40 **Safety and limits of haemostatic therapy (PCC, fibrinogen, plasma) - E. Ortmann** (Bad Rothenfelde, Germany)
 15:40 – 16:45 **Interactive clinical cases and Q&A – M. Ranucci** (Milan, Italy), B. Martinez (Verona, Italy)
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- 17:00
 18:00 **Hemostasis Hands on training course**
- ROTEM** - F. Yevenes (Providencia, Chile)
TEG - K. Drizlionoka (Riga, Latvia)
Multiplate - E. Baryshnikova (Milan, Italy)
Quantra - A. Ahmed (Leicester, UK)
ClotPro - E. Ortmann (Bad Rothenfelde, Germany)
Hepcon - G. Erdoes (Berne, Switzerland)
-

- 15:30 - 16:00 **Break**
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THURSDAY, OCTOBER 12

16:00 - 18:00 Poster Discussion

ROOM F6

Chair: V. Ajello (Rome, Italy)

TOPICS DISCUSSED:

Anaesthesia Techniques
Vascular Anaesthesia & Surgery
Myocardial Protection
Haemostasis
Evaluation of Methods & Techniques
Monitoring
Risk Factors & Outcome

ROOM F7

Chairs: D. Lex (Budapest, Hungary); N. Di Tomasso (Milan, Italy)

TOPICS DISCUSSED:

Perioperative & Intensive Care Medicine
Quality Management
Paediatric Cardiac Anaesthesia and ICU
COVID-19 Management
Other

ROOM F8

Chairs: M. D'Amora (Salerno, Italy); E. Nemeth (Budapest, Hungary)

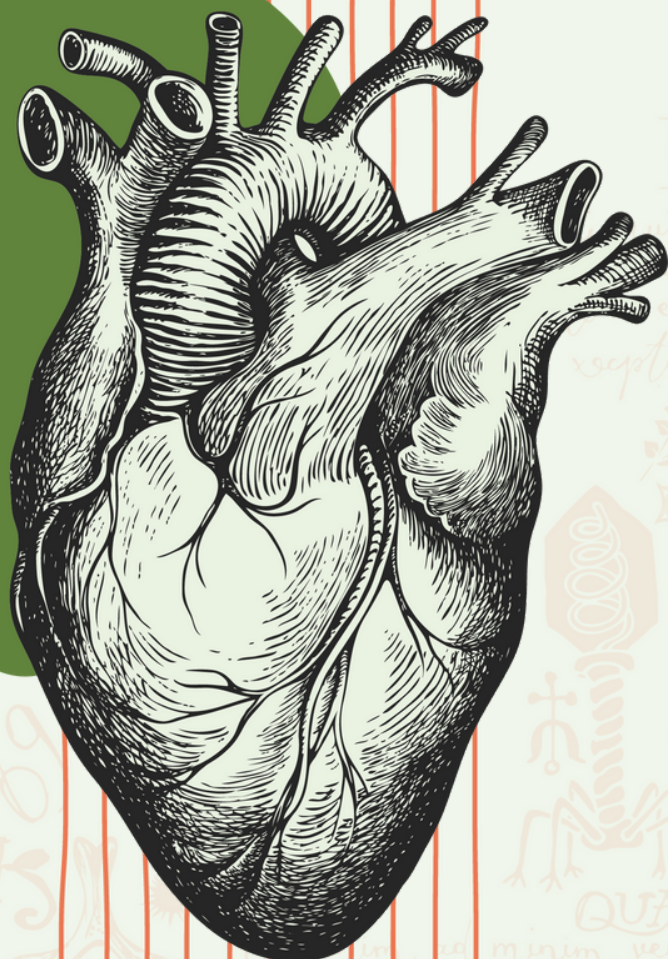
TOPICS DISCUSSED:

Cardiac Anaesthesia
Cardiopulmonary Bypass & ECMO
Thoracic Anaesthesia & Surgery
Heart and Lung Transplantation
Organ Function & Protection



FRIDAY

OCTOBER 13



European Association
of Cardiothoracic Anaesthesiology
and Intensive Care

FRIDAY, OCTOBER 13

ROOM F7

- 08:30
- 10:30 **Transplant & VAD Masterclass 1 “THE ROLE OF MECHANICAL CIRCULATORY SUPPORT IN END-STAGE HEART FAILURE: ESHF AND SHORT TERM MCS”**
Chairs: E. Nemeth (Budapest, Hungary), P. Gaudard (Montpellier, France)
- 08:30 – 08:45 **Setting the scene: Options in management of Intermacs 1 patients** – H. Riha (Prague, Czech Republic)
- 08:45 – 09:00 **Do we still need the Intra-Aortic Balloon Pump?** – G. Koszta (Debrecen, Hungary)
- 09:00 – 09:15 **Pros and cons of Impella device.** - A. Hurtado (London, United Kingdom)
- 09:15 – 09:30 **ECMO for SCAI C, D and E** - G. Lebreton (Nice, France)
- 09:30 – 09:45 **Importance of unloading the LV** - D.Pasero (Sassari, Italy)
- 09:45 – 10:00 **Meet the expert - Options in escalating techniques: a case presentation** – H. Riha (Prague, Czech Republic)
- 10:00 – 10:15 **Meet the expert - Use of echocardiography in escalating and de-escalating: a case presentation**
M. Meineri (Liepzing, Germany)
- 10:15– 10:30 **Discussion**
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ROOM F8

- 08:30
- 09:30 **ICU Meet the experts: “ABOUT A CASE OF KETOACIDOSIS: HEMODYNAMIC INSTABILITY AFTER CARDIAC SURGERY”**
Chairs: I. Michaux (Namur, Belgium), F.Sangalli (Sondrio, Italy)
- 08:30 – 09:15 **About one case of non-diabetic keto-acidosis** – P. Wohlrab (Wien, Austria)
- 09:15 – 09:30 **Final Considerations** – E. Tamaska (Budapest, Hungary)
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ROOM F1+F2

- 09:00
- 10:30 **JOINT SESSION H&T, ICU, PEDIATRICS AND CPB SUBCOMS: “ANTICOAGULATION, TRANSFUSION AND EXTRACORPOREAL CIRCUITS: WHERE ARE WE GOING?”**
Chairs: P. Gaudard (Montpellier, France), B. Martinez (Verona, Italy),
S. Meier (Groningen, The Netherlands), M. Vives (Barcelona, Spain)
- 09:00 - 09:20 **Heparin induced thrombocytopenia in the post cardiac surgery period** - M. Hardy (Namur, Belgium)
- 09:20 - 09:40 **PBM in the pediatric cardiac patient** – B. Romlin (Göteborg, Sweden)
- 09:40 - 10:00 **Anticoagulation monitoring in ECMO: doubts and certainties** – M. Ranucci (Milan, Italy)
- 10:00 - 10:20 **Strategies to monitor heparin during CPB: pro and con** – M. Vives (Barcelona, Spain)
- 10:20 – 10:30 **Discussion**
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FRIDAY, OCTOBER 13

ROOM F6

- 09:00
- 10:30 **LOCAL Panel Session 5: "CHALLENGES OUTSIDE AND INSIDE OF HUNGARY"**
Chairs: M. Kertai (Nashville, USA), T. Radovits (Budapest, Hungary)
- 09:00– 09:15 **Temperature management during cardiac surgery** – M. Kertai (Nashville, USA)
09:15– 09:30 **Blood purification** – E. Nemeth (Budapest, Hungary)
09:30– 09:45 **Translational medicine** – T. Radovits (Budapest, Hungary)
- 09:45 – 09:55 **Oral Presentation: Associations of individualized versus conventional blood glucose thresholds with acute kidney injury after cardiac surgery: a retrospective observational study**
I. E. Hwang (Seoul, South Korea)
- 09:55– 10:10 **Pharmacological interventions in cardiac surgery** – Z. Papp (Budapest, Hungary)
10:10 – 10:25 **Perioperative blood pressure management** – G. Paternoster (Potenza, Italy)
10:25 – 10:30 **Discussion**
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ROOM F8

- 09:30
- 10:30 **VASCULAR Meet the expert: Management to Spinal Drain**
Chairs: M. Gimenez (Barcelona, Spain), D. Bolliger (Basel, Switzerland)
- 09:30 – 09:50 **Spinal Drains-When to insert** – D. Bolliger (Basel, Switzerland)
09:50 – 10:10 **Spinal Drain Insertion-Practical tips** – J. Schreiber (Maastricht, The Netherlands)
10:10 – 10:30 **Spinal Drain Management** – M. Gimenez (Barcelona, Spain)
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10:30 - 11:00 Coffee Break

ROOM F1+F2

- 11:00
- 12:30 **Awards & Closing Ceremony**
- 11:00 – 11:30 **Presentation of EACTAIC Education Awards**
P. Wouters (Ghent, Belgium), C. Mukherjee (Karlsruhe, Germany)
11:30 – 12:00 **Presentation of EACTAIC Research Grant Awards** – S. Rex (Leuven, Belgium)
12:00 – 12:30 **Closing remarks** – P. Wouters (Ghent, Belgium), G. Paternoster (Potenza, Italy),
A. Szekely (Budapest, Hungary)
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FRIDAY, OCTOBER 13

12:30 - 13:30 Lunch

ROOM F6

13:30

15:00

CPB Panel Session 3

Chairs: M. Vives (Barcelona, Spain), G. Landoni (Milan, Italy)

13:30 – 14:05 **Difficult CPB weaning: prediction, prevention and early treatment** – F. Monaco (Milan, Italy)

14:05 – 14:15 **Oral presentation: A randomized comparison between two different CPB oxygenators in order to improve recovery from delirium and or cognitive decline in the elderly during cardiac surgery**
L. Mantovani (Cotignola, Italy)

14:15 – 14: 50 **Hemodynamic complications after CPB: stunning and myocardial infarction – an update**
M. J. Cordero (San Francisco, USA)

14:50 – 15:00 **Discussion**

ROOM F7

13:30

15:30

TRANSPLANT & VAD MASTERCLASS 2: “THE ROLE OF MECHANICAL CIRCULATORY SUPPORT IN END-STAGE HEART FAILURE: ESHF and DMCS”

Chairs: M. Polos (Budapest, Hungary), A. Hurtado (London, UK)

13:30 – 13:50 **Preoperative optimization of patients scheduled for VAD implantation** – R. Moayedifar (Wien, Austria)

13:50 – 14:10 **RV Failure: risk stratification and strategies** – B. Martinez (Verona, Italy)

14:10 – 14:30 **Prevention of long-term complications after LVAD implantation** - M. Dworschak (Vienna, Austria)

14:30 – 14:50 **Postoperative management in the ICU** – P. Gaudard (Montpellier, France)

14:50 – 15:00 **Meet the expert - RV failure post LVAD** – W. Akhtar (London, UK)

15:00 – 15:10 **Meet the expert - Bridge to recovery, is it possible?** – E. Tschernko (Wien, Austria)

15:10 – 15:30 **Discussion**

FRIDAY, OCTOBER 13

ROOM F8

13:30

16:30 **LOCAL Panel Session 6: "Short updates on the current best practices in cardiothoracic anaesthesia by junior professional"**

Chair: A. Szekely (Budapest, Hungary)

The latest on equipments and procedures used in cardiothoracic anaesthesia

13:30 – 13:45 **Cerebral and spinal cord protection and neuromonitoring** – D. Lex (Budapest, Hungary)

13:45 – 14:00 **Cardiac performance monitoring - latest evidences in transoesophageal echocardiography and other modalities** – N. Di Tomasso (Milan, Italy)

14:00 – 14:15 **Pharmacological RV support** – L. Závorszky (London, UK)

14:15 – 14:30 **Mechanical circulatory support** – N. R. Czobor (Budapest, Hungary)

14:30 – 14:45 **Thoracic anaesthesia, VATS-SLB** - M. El Tahan (Egypt)

14:45 – 15:00 **Congenital cardiothoracic anaesthesia** – M. Gergely (Budapest, Hungary)

Perioperative management in cardiothoracic anaesthesia and intensive care

15:00 – 15:15 **Prehabilitation, frailty and ERACS** – S. Mihai (Bucharest, Romania)

15:15 – 15:30 **Latest evidences in regional anaesthesia for cardiothoracic procedures** – G. Csikos (Budapest, Hungary)

15:30 – 15:45 **Role of ultrasound in the ICU - POCUS** – L. Valeanu (Budapest, Hungary)

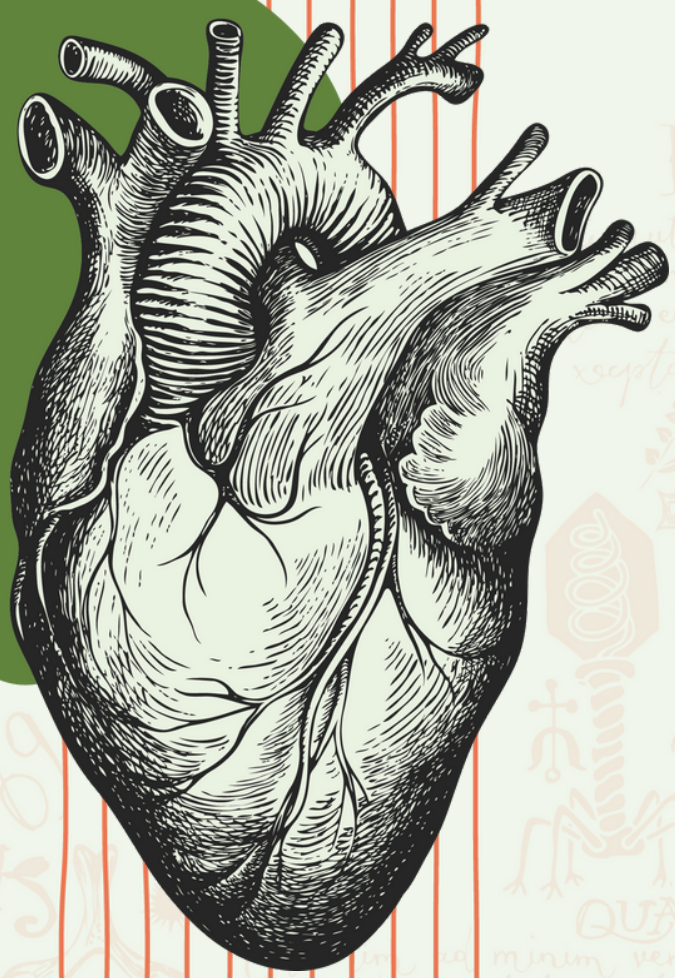
15:45 – 16:00 **Coagulation management** – T. Szalay-Frank (Budapest, Hungary)

16:00 – 16:15 **Management of transplantation patients** – W. Alhalabi (London, UK)

16:15 – 16:30 **Management of GUCH patients** – B. Szabó (Budapest, Hungary)



GENERAL INFO



European Association
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and Intensive Care

GENERAL INFORMATION

CONGRESS VENUE

Hungexpo Budapest Congress and Exhibition Centre

H-1101 Budapest, Albertirsai út 10.

H-1441 Budapest, P.O.B. 44

The congress will start on October 11 and close on October 13, 2023

SECRETARIAT & REGISTRATION DESK

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

October 11, 2023 → 07h30 – 18h30

October 12, 2023 → 08h30 – 18h30

October 13, 2023 → 08h30 – 16h30

CERTIFICATES OF ATTENDANCE

All attending participants will receive their certificate by email after the congress, between October 16 and October 20.

CONGRESS APP

The free official **EACTAIC** APP is 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.

LUNCHES

Congress admitted participants are entitled to receive a box lunch free of charge on October 11,12, 13.

SOCIAL PROGRAMME

The official congress dinner will be held on October 12 at restaurant “Central Grand Cafè & Bar”, located in the heart of the city and easily reachable by public transportation.

You have the opportunity to join the event and take advantage of the occasion to meet Colleagues and Opinion Leaders by booking your place and purchasing the related ticket in advance.

E-POSTER

Poster Sessions will take place on October 12 from 16.00 to 18.00.

E-Posters are also available for consultation on the Congress APP EACTAIC.

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.

GENERAL INFORMATION

PROGRAMME CHANGES

The organizers cannot assume liability for any changes in the programme due to external or unforeseen circumstances. Please check the website or the official APP for regular updates. The organizers reserve the right to cancel, postpone, relocate, or change any of the sessions or to add new sessions.

UNEXPECTED CANCELLATION OF THE EVENT OR IMPOSSIBILITY TO HOLD IT

In the unlikely case that the EACTAIC Annual Congress 2023 cannot be held in whole or in part due to any event beyond the Organisers' control or force majeure (such as riot, fire, explosion, accident, flood, earthquake, sabotage, strikes, acts of any government, etc) the Congress Organisers cannot be held liable for any damage, cost, or loss incurred, such as registration fee, transportation and accommodation costs, or any other direct or indirect loss or consequential damage.

INSURANCE

Congress organizers cannot accept liability for personal injuries or for loss of or damage to property belonging to congress participants, either during or as a result of the Congress. Therefore, please check the validity of your own insurance.

MedTech

The 38th EACTAIC Annual Congress is compliant with the MedTech.

UEMS-EACCME Accreditation

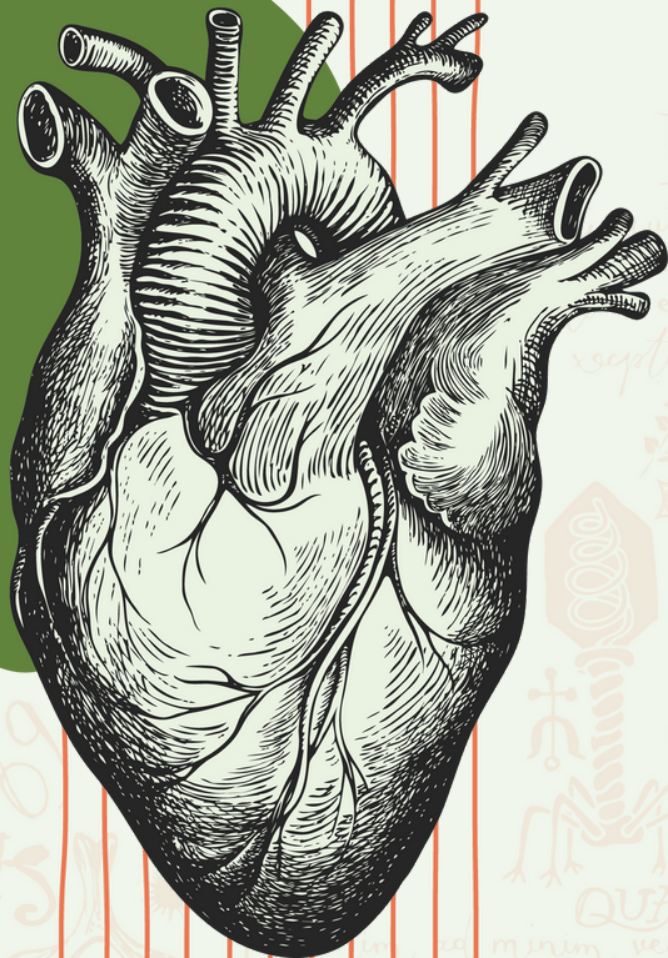
The 38th EACTAIC Annual Congress 2023 “Challenges and Opportunities”, Budapest, Hungary 11/10/2023 - 13/10/2023 , has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with **18 European CME credits (ECMEC®s)**. Each medical specialist should claim only 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 <https://edhub.ama-assn.org/pages/applications>

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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INDUSTRY SPONSORED SESSIONS

WEDNESDAY, OCTOBER 11

ROOM F7

13:00

14:00

Industry Sponsored Symposium - HEMOSONICS and i-SEP
"Speed up your patient's blood management with autologous platelets and hemostasis management system"

13:00 – 13:10

Focus on Patient Blood Management – A. Klein (Cambridge, UK)

13:10 – 13:30

Cell salvage: is platelet saving a new game changer? – Alexandre Mansour (Renne, France)

13:30 – 13:50

Implementation of a novel and faster point of care system: Experience with Quantra
A. Barroso (Malaga, Spain)

13:50 – 14:00

Q&A

ROOM F8

13:00

13:45

Industry Sponsored Symposium - EDWARDS
"The Place of Predictive Hemodynamic Monitoring in the Cardiac Surgical Patient"
Chair: Steffen Rex (Leuven, Germany)

13:00 – 13:20

Predictive hemodynamic monitoring in cardiac anaesthesia – M. Velten (Bonn, Germany)

13:20 – 13:40

Predictive hemodynamic monitoring: Effect on depth and duration of intra- and postoperative hypotension (HYPE-2 RCT) – A. Vlaar (Amsterdam, The Netherlands)

13:40 – 13:45

Discussion

FRIDAY, OCTOBER 13

ROOM F6

12:30

13:30

Industry Sponsored Symposium - MEDTRONIC
"NIRS REQUIRES ONE BRAIN TO PERFORM: YOURS"
Chair: Patrick Wouters (Ghent, Belgium)

12:30 – 12:35

Introduction – P. Wouters (Ghent, Belgium)

12:35 – 12:50

How NIRS monitoring adds to the safety of cardiac patients in daily practice – S. Bennett (Southampton, UK)

12:50 – 13:05

Cerebral oximetry: promises and pitfalls – S. Rex (Leuven, Belgium)

13:05 – 13:20

Put your NIRS glasses on and you will see the heart – P. Wouters (Ghent, Belgium)

13:20 – 13:30

Panel discussion



European Association
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**EXECUTIVE OFFICE &
ORGANISING SECRETARIAT**



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