



Day 1:

**WEDNESDAY, OCTOBER 11**

08:30

09:00 SCA Lecture

CHAIR: Patrick Wouters

**Gender equity - advancing women in medicine – Kathryn Glas**

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08:30

10:30 ECHO Pannel session 1: **“EXPANDING THE LIMITS OF ECHOCARDIOGRAPHY”**

Moderators: C. Mukherjee, D. Bettex

08:30 – 08:50 *TEE outside of the heart* – M. Meineri

08:50 – 09:10 *TEE in Thoracic Surgery: when how and why?* – A. Rubino

09:10 – 09:30 *TEE Hemodynamics: do I still need a PA Catheter?* – S. Treschkatch

09:30 – 09:40 *Oral Presentation:*

**Evaluation of Intraoperative Left Ventricular Diastolic Function by Myocardial Strain in Onpump Coronary Artery Bypass Surgery – Jakob Labus**

09:40 – 10:00 *PUCUS in postoperative cardiac surgical patients: is it worth the effort?* - J. Ender

10:00 – 10:20 *Echocardiography-guided CPR* – R. Breutkreutz

10:20 – 10:30 *Discussion*

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09:00

10:30 CPB Panel session 1: Organ Protection

Chair: Marc Vives, Fabrizio Monaco

09:00 – 09:25 *Steroids for organ protection during CPB?* – Giovanni Landoni

09:25 – 09:50 *Pros and contras of mini CPB* – Fabrizio Monaco

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 - Rahul Mudannayake**

10:00 – 10:25 *Strategies to avoid red blood cell transfusion during CPB* – Kunst Kudrun



10:25 – 10:30 *Discussion*

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08:30

10:30 ICU Panel Session 1: *“PERIOPERATIVE MEDICINE”*

Chair: Alberto Hernandez, A. Bouglé

08:30 – 08:50 *SGLT2 inhibitors: ketoacidosis, when to stop, when to start?* – Peter Wohlrab

08:50 – 09:10 *Endocrinological problems in cardiac ICU: hyper-hypothyroidism, CIRCI* – Isabelle Michaux

09:10 – 09:30 *Bedside ultrasound evaluation of the lungs, diaphragm, trachea, veins* – Massimiliano Meineri

09:30 – 09:50 *Sarcopenia in the critically ill: how should we prescribe nutrition and exercise* – Arabella Fischer

09:50 – 10:00 *Oral presentation:*

**Enhanced Recovery after Elective Cardiac Surgery; a focus on Key Performance Indicators** – Adarsh Mennon

10:00 – 10:20 *How to reduce ICU readmission after discharge?* - Adrien Bouglé

10:20 – 10:30 *Discussion*

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08:30

10:30 PEDIATRIC Panel Session 1: *“HYPOPLASTIC LEFT HEART COMPLEX - MANY CHALLENGES - ALSO NEW OPPORTUNITIES?!”*

CHAIR Theofili Kousi, Edgar Szekely

08:30 – 08:50 *Anatomical variations & Pathophysiology* – Kathrina Schmitt

08:50 – 09:10 *Timing and strategies for surgery* – Zsolt Prodan

09:10 – 09:30 *Challenges for the anesthesiologist* - Aniruddha Janai

09:30 – 09:40 *Oral Presentation:*

**Comparison of post-thoracotomy pain management methods: direct intercostal local analgesia versus erector spinae plane block (ESP block)** – Chun Cao

09:40 – 10:00 *Challenges for the pediatric intensivist* – Giuseppe Isgrò



10:00 – 10:20 *Challenges in Critical-Care and Anesthetic Management of Adult Patients Living with Single Ventricle Solutions* – Jane Heggie  
10:20 – 10:30 *Discussion*

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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))*  
- ~~Mert Senturk~~ Balazs Bartos

09:10 – 09:50 *Sternoclavicular joint pain, Facet joint pain - Costovertebral/costotransverse junction -*  
Alper Kilicaslan

~~09:50 – 10:30~~ *Cervical sonoanatomy* - ~~Salviz Aysu~~ Agnes Stogicza

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10:30

11:00 Coffee Break

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11:00

12:30 *Joint Sessions EACTAIC – ESAIC: The Future of Cardiothoracic and Vascular Anesthesia & Intensive Care*

Chairs: P. Wouters

11:00 – 11:15 *ESAIC's vision on the role of EACTAIC as a subspecialty society* – F. Guarracino

11:15 – 11:30 *Towards a European curriculum and certification for CTVA&IC* – P. Wouters

11:30 – 11:45 *Everybody's business: Implementing environmentally sustainable practices* - Cathy lawson

11:45 – 12:00 *Care for each other: care for yourself* - Julie Highfield (Cardiff, United Kingdom)

12:00 – 12:15 *Artificial Intelligence is your friend. For now* - Elena Giovanna Bignami (Parma, Italy)

12:15 – 12:30 *Discussion*

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11:00

12:30 *LOCAL Session 1: "Acute pain and Hemodynamic implications"*

Chair: Stogicza A, Gyöngyösi Z, ~~Balas~~

**11:00 – 11:15** *Thoracic spine sonoanatomy and procedures* - ~~Salviz Aysu~~  
Ágnes Stogicza



11:15 – 11:35 *US guided cervical plexus block in carotid endarterectomies* - Gyöngyösi Zoltan  
11:35 -11:55 *Epidural vs Paravertebral* - ~~Mert Senturk~~ Balazs Bartos  
~~11:45 – 12:00 *How to avoid complications in cervical and thoracic procedures?* - Agnes Stogicza~~  
11:55- 12:15 *Hemodynamic implications of loco regional anesthesia* – F. Guarracino  
12:15 – 12:30 *Discussion*

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12:30  
14:00 Lunch

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13:00  
13:45 Sponsored Symposium: “The Place of Predictive Hemodynamic Monitoring in the Cardiac Surgical Patient”  
Chairs: Steffen Rex, Thomas Scheeren

13:00 – 13: 20 *Predictive hemodynamic monitoring in cardiac anaesthesia* – Markus Velten  
13:20 – 13:40 *Predictive hemodynamic monitoring: Effect on depth and duration of intra- and postoperative hypotension (HYPE-2 RCT)* - Alexander Vlaar  
13:40 – 13:45 *Discussion*

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13:00  
14:00 Sponsored Symposium: “Symposium title: Speed up your patient's blood management with autologous platelets and hemostasis management system”

13:00 – 13:10 *Patient Blood Management* - Andrew Klein  
13:10 – 13:30 *Same™ by i-SEP the new IOCS game changer*- Alexandre Mansour  
13:30 – 13:50 *Implementation of a new VET system in cardiothoracic surgery – Experience with Quantra*  
13:50 – 14:00 *Q&A*

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14:00  
15:30 ECHO Panel session 2: “WHEN TEE MAKES A DIFFERENCE”  
Moderator: M. Meineri, S. Moravkova

14:00 – 14:15 *Can we predict RV function after LVAD implantation?* – I. Michaux  
14:15 – 14:30 *TEE Monitoring for ECMO: is the LV unloaded?* – M. Mondino  
14:30 – 14:45 *Can the Aortic Valve be repaired?* - J Van der Maaten

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 – Leila Bigdelu

14:55 – 15:10 *Functional TR: TEE assessment and intraoperative surgical decision making* – J. Bence

15:10 – 15:25 *Ischemic MR: Repair, Replace, or leave it alone. Can intraoperative TEE make a difference?* – C. Mukherjee

15:25 – 15:30 *Discussion*

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14:00

15:30 CPB Meet the Experts: “AKI in Cardiac Surgery”

Chair: Giovanni Landoni, Alberto Hernandez

14:00 – 14:40 *Strategies for prevention and early treatment of CSAKI* – Marc Vives

14:40 – 15:15 *Venous Congestion and AKI – VEXUS score by ultrasound* – Maria José Cordero

15:15 – 15:30 *Discussion*

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14:00

15:30 VASCULAR Panel Session 1: “CRITICAL LIMB THREATENING ISCHAEMIA (CLTI)-A CINDERELLA CONDITION”

CHAIR: Ferenci Tamás, S. Howell

14:00 – 14:20 *The Epidemiology and Impact of CLTI Insights from the HUNVASCDATA*-Ferenci Tamás

14:20 – 14:40 *The 2023 ERAS Framework for Lower Extremity Bypass-Anaesthetic Considerations* - Kate Ayyash

14:40 – 14:50 *Oral presentation:*

*The effect of carotid endarterectomy on cognitive function regarding cerebral hypoperfusion* – Agnes Dora Sandor

14:50 – 15:10 *ERAS Framework for Lower Extremity Bypass-Surgical Considerations* - Kate McGinigle

15:10 – 15:30 *CTLI-Angioplasty, Bypass or Amputate-What is the Evidence?*

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14:00

**15:30 LOCAL Panel Session 2: "CHALLENGES AND OPPORTUNITIES IN HUNGARY"**

Chair: Janos Gál, Chirojit Mukherjee

14:00 – 14:20 *Cardiac patient in the general intensive care unit*- Janos Gál

14:20 – 14:40 *Lower limb ischemia*– Endre Kolossvary

14:40 – 15:00 *Artificial Intelligence –opportunities and dangers* – Pál Maurovich Horvat

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

15:20 – 15:40 *Evolution of transesophageal echocardiography* – Konstadt

15:40 – 15:45 *Discussion*

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14:00

**16:00 THORACIC HANDS-ON TRAINING**

Chair: Edmond Cohen (USA), Balázs Pálóczi (Hungary)

14:00 – 14:25 *Management of intraoperative hypoxia during one-lung ventilation (Apollo simulator)* - Mohamed El-Tahan (Egypt), Federico Piccioni (Italy), Thomas Hachenberg (Germany), Jakob Wittenstein (Germany)

14:25 – 14:35 *Discussion*

14:35 – 15:00 *Hemodynamics compromises during thoracic surgery (Edwards simulator)* - Mert Sentürk (Turkey), Nándor Marczin (UK)

15:00 – 15:10 *Discussion*

15:10 – 15:35 *Airway management in thoracic anesthesia (DLTs, BBs, difficult airway)* - Edmond Cohen (USA), Tamás Végh (Hungary), Jo Mourisse (The Netherlands), Edda Tschernko (Austria), Radu Stoica, (Romania)

15:35 – 16:00 *Possibilities of pain management in thoracic anesthesia - hands-on workshop (epidural, US-guided truncal blocks)* - Manuel Granell (Spain), Bingül Emre Sertaç (Turkey), Balázs Pálóczi (Hungary), Edmond Cohen (USA)

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15:30

**16:40 Opening Ceremony**

Chair: G. Paternoster, P. Wouters, A. Szekely

15:30 – 15:50 *Welcome Speech* - G. Paternoster, P. Wouters, A. Szekely

15:50 – 16:10 *That was the past* - Rozalia Meszaros



16:10 – 16:30 *Cardiac innovations-need for anesthesiologists* - Bela Merkely

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 – Lukas Gasteiger**

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16:40

18:00 Welcome Cocktail

Day 2:

**THURSDAY, OCTOBER 12**

08:30

10:30 TRANSPLANT&VAD Panel Session 1: “*CONTROVERSIAL ISSUES IN HEART TRANSPLANTATION*”

CHAIR: B. Martinez-Lopez, Daniela Pasero

08:30 – 08:55 *New challenges in organ procurement for heart transplantation* - Simon Messer (Cambridge, UK)

08:55 – 09:20 *Challenges in transition from MCS to heart transplantation.* – Michele Mondino

09:20 – 09:30 *Oral Presentation:*

**Multimodal prehabilitation improves short-term post-transplant outcomes while not increasing costs for heart transplant recipients – Manuel Lopez Baamonde**

09:30 – 09:55 *Heart transplantation and MCS in Adult Congenital heart disease* - Daniel Zimpfer (Graz, Austria)



09:55 – 10:20 *Pathophysiology of severe primary graft dysfunction in heart transplantation* – Martin Bernardi

10:20 – 10:30 *Discussion*

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08:30

10:30 PEDIATRIC Panel Session 2 : “OPPORTUNITIES IN PEDIATRIC CARDIAC ANESTHESIA”

CHAIR Tommaso Aloisio, Sascha Meier

08:30 – 08:50 *Initial experience with the PCA fellowship programme* – Theofili Kousi, Markus Velten

08:50 – 09:10 *Neurologic monitoring during and after pediatric cardiac surgery* – Tommaso Aloisio

09:10 – 09:30 *Depth of anesthesia monitoring in pediatric cardiac anesthesia – standard of care?* – Sascha Meier

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** – Swapna Thampi

09:40 – 10:00 *Enhanced recovery after paediatric cardiac surgery - where do we stand?* – Markus Velten

10:00 – 10:20 *Kidney injury related to paediatric cardiac surgery - what the anaesthetist can do about it* – Lex Daniel

10:20 – 10:30 *Discussion*

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08:30

10:30 HEMOSTASIS Panel Session 1 “CHALLENGES IN TRANSFUSION STRATEGIES AND OLD AND NEW DRUGS”

Chairs: Daniel Bolliger, Gabor Erdoes

08:30 – 08:50 *Artificial Intelligence in the perioperative setting: is there a role in transfusion policies in cardiac surgery?* – A. Ahmed

08:50 – 09:10 *Acquired bleeding disorders during cardiac surgery: how to diagnose and manage* - G. Erdoes

09:10 – 09:20 *Oral Presentation:*





Heparin reversal with two protamine-heparin ratios after cardiopulmonary bypass. a randomized controlled pilot feasibility study – Evangelia Samara

09:20 – 09:40 *Antithrombin administration in cardiac surgery: fall and rise* - M. Ranucci

09:40 – 10:00 *Role of fXIII administration in cardiac surgery bleeding* - M. Lancè

10:00 – 10:20 *Alternative anticoagulants: where are we?* - D. Bolliger

10:20 – 10:30 *Discussion*

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08:30

10:30 Thoracic Masterclass

Chairs: Mert Sentürk (Turkey), Edda Tschernko (Austria)

08:30 – 08:50 *Interpreting lung function tests and cardiac tests: tips and tricks* - Thomas Hachenberg (Germany)

08:50 – 09:10 *Indications and interpretation preoperative cardiac tests: tips and tricks* - Jakob Wittenstein (Germany)

09:10 – 09:30 *EuroLung and Thoracoscore: Evidences and how to calculate them correctly?* - Balázs Pálóczi (Hungary)

09:30 – 09:50 *Preoperative care of high risk thoracic surgical patients* - Federico Piccioni (Italy)

09:50 – 10:10 *Postoperative care of high risk thoracic surgical patients* - Manuel Granell Gil (Spain)

10:10 – 10:30 *Discussion*

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08:30

10:30 ECHO Workshop 1: "BASIC FATE AND LUNG"

08:30 – 09:00 *TTE Basic Views* - Peter Juhl-Olsen

09:00 – 09:30 *Lung US* - Stefan Bouchez

09:30 – 10:00 *Passive Leg Raise/IVC Assessment* - Sacha Treschkatch

10:00 – 10:30 *TTE Pathology* - Johan Bence

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08:30

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

08:30 – 09:00 *US-Guided Blocks: PIRS, ESK* - Mario Cibelli

09:00 – 09:30 *Vascular Access* - Joerg Ender



09:30 – 10:00 *Airway Ultrasound* - Massimiliano Meineri  
10:00 – 10:30 *US guided Chest Tube Insertion* - Antonio Rubino

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10:30  
11:00 Coffee Break

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10:30  
12:30 ECHO Workshop 3: “Basic TEE”

10:30 – 11:00 *Basic TEE Views with Simulator* - Peter Juhl-Olsen  
11:00 – 11:30 *TEE Hemodynamic assessment* - Michael Schup  
11:30 – 12:00 *Gross valve Pathologies* - Sarka Moravkova  
12:00 – 12:30 *Ventricular Pathologies* – Michele Mondino

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10:30  
12:30 ECHO Workshop 4: “3D TEE”

10:30 – 11:00 *3D Acquisition* - Johan Bence  
11:00 – 11:30 *3D Cropping* - Dominique Bettex  
11:30 – 12:00 *3D Models* - Chirojeet Mukherjee  
12:00 – 12:30 *MPR* - Joost Van der Maaten

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10:30  
12:30 THORACIC Panel Session 2: “CHALLENGES IN THORACIC ANESTHESIA”  
Chairs: Nándor Marczin (UK), Federico Piccioni (Italy)

10:30 – 10:50 *Tidal volumes and compliance: inspired from the best evidence available* - Mohamed El-Tahan (Egypt)  
10:50 – 11:10 *Is protective ventilation data applicable to one-lung ventilation?* - Edmond Cohen (USA)  
11:10 – 11:30 *The non-ventilated lung* - Tamás Végh (Hungary)



11:30 – 11:40 *Oral Presentation:*

**Pulmonary artery wave intensity analysis in a pig model of lung resection – Thomas Keast**

11:40 – 12:00 *Thoracic anesthesia for non-lung resection thoracic surgery - Radu Stoica (Romania)*

12:00 – 12:20 *Role of the ECMO in thoracic anesthesia - Edda Tschernko (Austria)*

12:20 – 12:30 *Discussion*

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11:00

12:30 **TRANSPLANT&VAD Panel Session 2: “LUNG TRANSPLANTATION”**

Chair: Andrea Szekely and Martin Dworschak

11:00 - 11:15 *Borders in lung transplantation: When is it too late? - Kavita Dave*

11:15 - 11:30 *New lung preservation techniques and effect on outcomes in lung transplantation - Thomas Schweiger*

11:30 - 11:45 *The role of inflammatory biomarkers (measured during EVLP) on the development of primary graft dysfunction after lung transplantation - György Lang (Switzerland)*

11:45 - 11:55 *Oral abstract presentation*

11:55 – 12:10 *Pros and cons of early tracheostomy after lung transplantation – Alessandra Verzelloni*

12:10 – 12:25 *New insights/gaps in the International lung transplantation guideline - Daniela Pasero*

12:25 – 12:30 *Discussion*

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11:00

12:30 **VASCULAR Panel Session 2: “THORACOABDOMINAL ANEURYSMS-WHERE ARE WE NOW?”**

CHIAR: F. Guarracino S. Howell

11:00 – 11:20 *Surgery, Stenting, Hybrid, or Leave Alone? - Christian Berger*

11:20 – 11:40 *Preoperative Assessment-Do Cardiovascular Tests Add Value? – Simon Howell*

11:40 – 11:50 *Oral Presentation:*

**Trends and outcomes in anaesthesia for peripheral vascular surgery in patients with known cardiac comorbidity in Denmark – Jannie Bisgaard**



11:50 – 12:10 *Intraoperative Management-Is there Evidence for what we do?* – Amit Chawla

12:10 – 12:30 *The add value of transesophageal echocardiography* - F. Guarracino

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11:00

12:30 *Local Session 3: “ECPR recent advances”*

Chair: Zima, F. Sangalli

11:00 – 11:15 *ECPR in OHCA, do we still need evidence?* - F. Sangalli

11:15 – 11:30 *ECPR: choosing the right patient still matters or one size can fit all?* - Istvan Edes

11:30 – 11:45 *Developing an ECPR program: recipes to avoid pitfalls.* – P. Bertini

11:45 – 12:00 *Post-arrest care in patients who underwent ECPR for CA: what's new?* - Endre Zima

12:00 – 12:15 *Unloading the left ventricle during va-ecmo: a need for all patients?* – Meani Paolo

12:15 – 12:30 *Discussion*

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12:30

14:00 Lunch

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13:00

14:00 *General Assembly*

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14:00

15:30 *Local Session 4: Educational Perspectives*

CHAIR M. El Tahan, A. Szekely

14:00 – 14:15 *Topic Education-uniform/diverse*

14:15 – 14:30 *Education in the future-need for specialisation and how?* - Wolfgang Buhre

14:30 – 14:45 *Current practice Diplom of CVA anaesthesia?* - Mohamed El Tahan

14:45 – 15:00 *ESAIC perspectives*

15:00 – 15:15 *Pediatric Anaesthesia-the little orphan -Who should teach it how*

15:15 – 15:30 *Discussion*

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14:00



15:30 CPB Panel Session 2: *“Perfusion and CPB”*

Chair: Kunst Gudrun, Maria Jose Cordero

14:00 – 14:25 *Atrial fibrillation prevention and early treatment* – Jose Luis Carrasco

14:25 – 14:50 *Delirium and neurocognitive dysfunction during CPB* - Kunst Gudrun

14:50 – 15:00 *Oral presentation:*

**In-Vitro Investigation of Insulin Dynamics During Four Hours of Simulated Cardiopulmonary Bypass –**  
Thilo Schweizer

15:00 – 15:25 *Goal-directed therapy in fluid therapy during cardiac surgery* – Marc Vives

15:25 – 15:30 *Discussion*

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14:00

15:30 Thoracic Panel Session 1: *“POSSIBILITIES IN THORACIC ANESTHESIA”*

Chairs: Tamás Végh (Hungary), Edmond Cohen (USA)

14:00 – 14:15 *Opioid free anesthesia in thoracic anesthesia: rising star or shooting star?* - László Szegedi (Belgium)

14:15 – 14:30 *Possibilities in pain management in thoracic anesthesia: new kids on the block?* - Mert Sentürk (Turkey)

14:30 – 14:45 *Does it matter what drugs we use in thoracic anesthesia? What outcome matters?* - Jo Mourisse (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 –** James McErlane

14:55 – 15:10 *Pediatric thoracic anesthesia: are the children small adults?* - Federico Piccioni (Italy)

15:10 – 15:25 *Frailty in thoracic anesthesia* - Nándor Marczin (UK)

15:25 – 15:30 *Discussion*

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14:00

15:30 ICU Panel Session 2: *"INFECTIOLOGICAL PROBLEMS IN THE FIELD OF CARDIAC SURGERY"*

Chair: Philippe Gaudard, Rashed Aref

14:00 – 14:20 *How to diagnose and treat sternites/mediastinitis* – Rashed Aref

14:20 – 14:40 *Endocarditis on material (implantable stimulating devices, valves, LVAD)* – Philippe Gaudard

14:40 – 14:50 *Oral Presentation:*

*Polydistrectual resistance index evaluation is an assessment of vascular compliance in patients with septic shock treated with vasopressin* – Alessio Barile

14:50 – 15:10 *Pharmacokinetic of antibiotics and antifungals under extracorporeal circuits* – Claire Roger

15:10 – 15:30 *How I personalize fluid therapy in cardiac septic patients* – Rozec Bertrand

14:00

16:00 LOCAL HANDS-ON TRAINING 2

14:00 – 14:40 *Pain in cardiac surgery* - Racz Kristóf Zoltán Gyóngyösi

14:40 – 15:20 *Pain in vascular surgery* Racz Kristóf Zoltán Gyóngyösi

15:20 – 16:00 *Pain in thoracic surgery* Racz Kristóf Zoltán Gyóngyösi

14:00

16:45 Hemostasis Masterclass: Prevention and management of bleeding and transfusion in cardiac surgery

Chair: B. Martinez, M. Lancè

14:00 – 14:05 *Introduction by course instructors* - B. Martinez, M. Lancè

14:05 – 14:20 *Pathophysiology of coagulation in cardiac surgery* – Brigitta Romlin

14:20 – 14:40 *New insights in monitoring coagulation and platelet function during cardiac surgery* – Marcus Lancè

14:40 – 15:00 *Goal directed haemostatic protocols for the bleeding cardiac surgery patient* – B. Babik

15:00 – 15:20 *Perioperative management of DAPT and DOACs* - B. Martinez



15:20 – 15:40 *Safety and limits of haemostatic therapy (PCC, fibrinogen, plasma)* - E. Ortmann

15:40 – 16:45 *Interactive clinical cases and Q&A* – Marco Ranucci, Blanca Martinez

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17:00

18:00 **Hemostasis Hands on training course**

- ROTEM (Werfen) (F. Yevenes)
  - TEG (Haemonetics) (K. Drizlionoka)
  - Multiplate (Roche) (E. Baryshnikova)
  - Quantra (A. Ahmed)
  - ClotPro (Haemonetics) (E. Ortmann)
  - Hepcon (Medtronic) (G. Erdoes)
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15:30

16:00 Break

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16:00

18:00 *Poster Discussion*

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Day 3:

**FRIDAY, OCTOBER 13**

08:30

09:30 ICU Meet the experts: ***“ABOUT A CASE OF KETOACIDOSIS: HEMODYNAMIC INSTABILITY AFTER CARDIAC SURGERY”***

Chair: Isabelle Michaux; Fabio Sangalli

08:30 – 09:15 ***About one case of non-diabetic keto-acidosis*** – P. Wohlrab

09:15 – 09:30 ***Final Considerations*** - Isabelle Michaux; Fabio Sangalli

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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, B. Martinez, S. Meier, M Vives

09:00 - 09:20 ***Heparin induced thrombocytopenia in the post cardiac surgery period*** - Hardy M. Namur

09:20 - 09:40 ***PBM in the pediatric cardiac patient*** - Brigitta Romlin





09:40 - 10:00 *Anticoagulation monitoring in ECMO: doubts and certainties* - Marco Ranucci

10:00 - 10:20 *Strategies to monitor heparin during CPB: pro and con* – Marc Vives

10:20 – 10:30 *Discussion*

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08:30

10:30 **Transplant Masterclass 1 “THE ROLE OF MECHANICAL CIRCULATORY SUPPORT IN END-STAGE HEART FAILURE: ESHF AND SHORT TERM MCS”**

Chairs: Endre Nemeth and Phillipe Gaudard

08:30 – 08:45 *Setting the scene: Options in management of Intermacs 1 patients* - Hynek Riha (Praque, Czech Republic)

08:45 – 09:00 *Do we still need the Intra-Aortic Balloon Pump?* - György Koszta

09:00 – 09:15 *Pros and cons of Impella device.* - Ana Hurtado (London, United Kingdom)

09:15 – 09:30 *ECMO for SCAI C, D and E* - Guillaume Lebreton (Paris France)

09:30 – 09:45 *Importance of unloading the LV* - Daniela Pasero (Sassari, Italy)

09:45 – 10:00 *Meet the expert - Options in escalating techniques: a case presentation* - Hynek Riha (Praque, Czech Republic)

10:00 – 10:15 *Meet the expert - Use of echocardiography in escalating and de-escalating: a case presentation* – Massimiliano Meineri

10:15– 10:30 *Discussion*

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09:00

10:30 **LOCAL Panel Session 5: “CHALLENGES OUTSIDE AND INSIDE OF HUNGARY”**

CHAIR

09:00– 09:15 *Temperature management during cardiac surgery* - Kertai

09:15– 09:30 *Blood purification* - Nemeth E

09:30– 09:45 *Translational medicine* – Radovits

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** – In Eob Hwang

09:55– 10:10 *Pharmacological interventions in cardiac surgery* - Papp Zoltán

10:10 – 10:25 *Perioperative blood pressure management* – G. Paternoster

10:25 – 10:30 *Discussion*

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09:30

10:30 **VASCULAR Meet the expert: Management to Spinal Drain**

09:30 – 09:50 *Spinal Drains-When to insert* - Daniel Bolliger

09:50 – 10:10 *Spinal Drain Insertion-Practical tips* - Jan Schreiber

10:10 – 10:30 *Spinal Drain Management*

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10:30

11:00 Coffee Break

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11:00

12:30 **Awards & Closing Ceremony**

11:00 – 11:30 *Presentation of EACTAIC Education Awards* – Mohamed El Tahan

11:30 – 12:00 *Presentation of EACTAIC Research Grant Awards* – Steffen Rex

12:00 – 12:30 *Closing remarks* – Patrick Wouters, Gianluca Paternoster, Andrea Szekely

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12:30

13:30 **Sponsored Symposium: “NIRS REQUIRES ONE BRAIN TO PERFORM: YOURS”**

CHAIR: Patrick Wouters

12:30 – 12:35 **Introduction** - Patrick Wouters

12:35 – 12:50 **How NIRS monitoring adds to the safety of cardiac patients in daily practice** - Sean Bennett

12:50 – 13:05 **Cerebral oximetry: promises and pitfalls** - Steffen Rex

13:05 – 13:20 **Put your NIRS glasses on and you will see the heart** - Patrick Wouters

13:20 – 13:30 **Panel discussion**

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12:30

13:30 Lunch

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13:30

15:30 **TRANSPLANT MASTERCLASS 2: “THE ROLE OF MECHANICAL CIRCULATORY SUPPORT IN END-STAGE HEART FAILURE: ESHF and DMCS”**

Chair: Miklos Polos, Ana Hurtado



- 13:30 – 13:50 *Preoperative optimization of patients scheduled for VAD implantation* – Guillaume Lebreton
- 13:50 – 14:10 *RV Failure: risk stratification and strategies* - Blanca Martinez (Verona, Italy)
- 14:10 – 14:30 *Prevention of long-term complications after LVAD implantation* - Martin Dworschak (Vienna, Austria)
- 14:30 – 14:50 *Postoperative management in the ICU* - Philippe Gaudard (Montpellier, France)
- 14:50 – 15:00 *Meet the expert - RV failure post LVAD* – Waqas Akhtar
- 15:00 – 15:10 *Meet the expert - Bridge to recovery, is it possible?* - Edda Tschernko
- 15:10 – 15:30 *Discussion*
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13:30

15:00 CPB Panel Session 3

Chair: M. Vives, G. Landoni

- 13:30 – 14:05 *Difficult CPB weaning: prediction, prevention and early treatment* – F. Monaco
- 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 – Lorenzo Mantovani

- 14:15 – 14: 50 *Hemodynamic complications after CPB: stunning and myocardial infarction – an update*  
– M. J. Cordero
- 14:50 – 15:00 *Discussion*
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13:30

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

CHAIR M. El Tahan, A. Szekely

The latest on equipments and procedures used in cardiothoracic anaesthesia

- 13:30 – 13:45 *Cerebral and spinal cord protection and neuromonitoring* - Daniel Lex
- 13:45 – 14:00 *Cardiac performance monitoring - latest evidences in transoesophageal echocardiography and other modalities* - Nora Di Tomasso
- 14:00 – 14:15 *Pharmacological RV support* - Lőrinc Závorszky
- 14:15 – 14:30 *Mechanical circulatory support* - Czobor Nikoletta Ráhel
- 14:30 – 14:45 *Thoracic anaesthesia, VATS-SLB* - Mohamed R. El Tahan
- 14:45 – 15:00 *Congenital cardiothoracic anaesthesia* - Mihaly Gergely



## Perioperative management in cardiothoracic anaesthesia and intensive care

15:00 – 15:15 *Prehabilitation, frailty and ERACS* - Mihai Stefan

15:15 – 15:30 *Latest evidences in regional anaesthesia for cardiothoracic procedures* - Gergely Csikos

15:30 – 15:45 *Role of ultrasound in the ICU - POCUS* - Liana Valeanu

15:45 – 16:00 *Coagulation management* - Tünde Szalay-Frank

16:00 – 16:15 *Management of transplantation patients* - Nandor Marczin

16:15 – 16:30 *Management of GUCH patients* - Balázs Szabó