





October 11-13, 2023

Hungexpo / Budapest

Day 1: WEDNESDAY, OCTOBER 11

08:30

09:00 SCA Lecture

CHAIR: Patrick Wouters

Gender equity - advancing women in medicine - Kathryn Glas

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**

09:00

10:30 CPB Panel session 1: Organ Protection

Chair: Marc Vives, Fabrizio Monaco

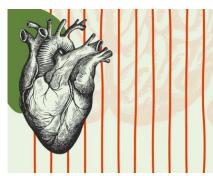
09:00 – 09:25 *Steroids for organ protection during CPB?* – Giovanni Landoni

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





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10:25 - 10:30 **Discussion**

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**

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

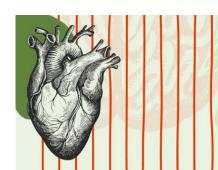
08:50 – 09:10 *Timing and strategies for surgery –* Zsolt Prodan

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









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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**

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

950-1030

<mark>¹ *Cervical sonoanatomy* – Salviz Aysu Agnes Stogicza</mark>

10:30

11:00 Coffee Break

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**

11:00

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

Chair: Stogicza A, Gyöngyösi Z, Balas I

11:00 – 11:15 Thoracic spine sonoanatomy and procedures - Salviz Aysu

Ágnes Stogicza





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11:15 – 11:35 US guided cervical plexus block in carotid endarterectomies - Gyöngyösi Zoltan

11.35 -11.55 5 *Epidural vs Paravertebral* - Mert Senturk Balazs Bartos

11:45 12:00 How to avoid complications in cervical and thoracic procedures? - Agnes Stogicza

111.55- 12.15 Hemodynamic implications of loco regional anesthesia – F. Guarracino

12:15 - 12:30 *Discussion*

12:30

14:00 Lunch

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*

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**

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:*



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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*

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**

14:00

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

CHAIR: Ferenci Tamás, S. Howell

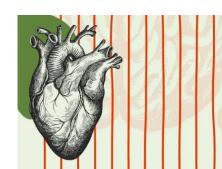
14:00 – 14:20 The Epidemiology and Impact of CLTI Insights from the HUNVASCDATA-Ferenci Tamás 14:20 – 14:40 The 2023 ERAS Framework for Lower Extremity Bypass-Anaesthetic Considerations - Kate Ayyash

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 echocarcardiography* – Konstadt

15:40 – 15:45 **Discussion**

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 Nederlands), 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)

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

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

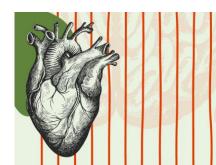
08:30 – 08:55 *New challenges in organ procurement for heart transplantation* - Simon Messer (Cambridge, UK)

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)







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

10:20 - 10:30 **Discussion**

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**

08:30

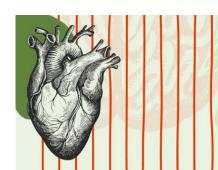
10:30 HEMOSTASIS Panel Session 1 "CHALLENGES IN TRANSFUSION STRATEGIES AND OLD AND NEW DRUGS"

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:*





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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*

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?* - Balász 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**

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

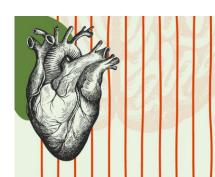
10:00 – 10:30 *TTE Pathology* - Johan Bence

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





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09:30 – 10:00 Airway Ultrasound - Massimiliano Meineri

10:00 – 10:30 *US guided Chest Tube Insertion -* Antonio Rubino

10:30

11:00 Coffee Break

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

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

10:30

12:30 THORACIC Panel Session 2: "CHALLANGES 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)



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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**

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*

11:00

12:30 VASCULAR Panel Session 2: "THORACOABDOMINAL ANEURYSMS-WHERE ARE WE NOW?"

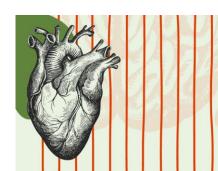
CHIAR: F. Guarracino S. Howell

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





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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

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*

12:30

14:00 Lunch

13:00

14:00 General Assembly

14:00

15:30 Local Session 4: Educational Perspectives

CHAIR M. El Tahan, A. Szekely

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

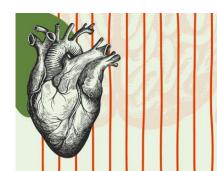
14:15 – 14:30 *Education in the future-need for specialistion and how?* - Wolfgang Buhre

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

14:45 – 15:00 *ESAIC perspectives*

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

15:15 - 15:30 *Discussion*





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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*

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 Nederlands)

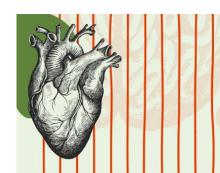
14:45 – 14:55 *Oral Presentation:*

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	oltán 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

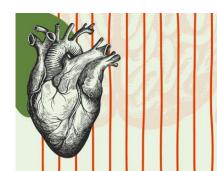
14:00 – 14:05 Introduction by course instructors - B. Martinez, M. Lancè

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

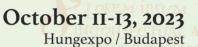
14:20 – 14:40 *New insights in monitoring coagulation and platelet function during cardiac surgery* – Marcus Lancè

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

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)

15:30

16:00 Break

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

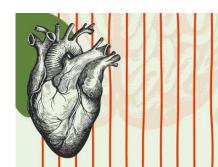
09:15 – 09:30 *Final Considerations -* Isabelle Michaux; Fabio Sangalli

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





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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**

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**

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

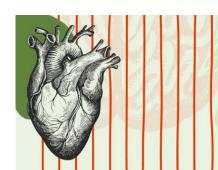
09:45 - 09:55 *Oral Presentation:*

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*

10:30

11:00 Coffee Break

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

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

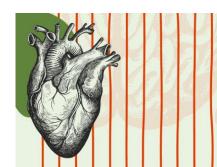
12:30

13:30 Lunch

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





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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**

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*

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

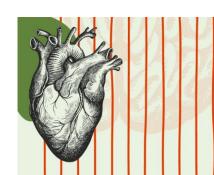
13:45 – 14:00 Cardiac performance monitoring - latest evidences in transoesophageal echocardiography and other modalities - Nora Di Tomasso

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







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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