



European Association
of Cardiothoracic Anaesthesia
and Intensive Care

41st EACTAIC ANNUAL CONGRESS 2026

HUMAN FACTOR & AI

September 23rd-25th, 2026 | Maastricht, Netherlands



SCIENTIFIC PROGRAMME

eactaic.org



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Marieke Kingma (The Netherlands) - *Local Organizing Committee*

Local Organizing Committee

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Marieke Kingma

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ABSTRACT REVIEWERS

Belletti, Alessandro

Bence, Johan

Bernardi, Martin

Bertini, Pietro

Bolliger, Daniel

Erdoes, Gabor

Gimenez, Marc

Hurtado, Doce Ana

Kousi, Theofili

Kunst, Gudrun

Lance, Marcus

Mandarano, Raffaele

Meier, Sascha

Monaco, Fabrizio

Mondino, Michele Giovanni

Piccioni, Federico

Pasero, Daniela

Rex, Steffen

Rubino, Antonio

Senturk, Mert

Shelley, Ben

Silvetti, Simona

Szekely, Andrea

Sangalli, Fabio

Treskatsch, Sascha

Tripodi, Vincenzo Francesco

Vegh, Tamas



Welcome Message

On behalf of the organizing committee, it is our great honor and privilege to extend a warm invitation to the **41st Annual Congress of the European Association of Cardiothoracic Anaesthesiology and Intensive Care (EACTAIC)**. This prestigious event will be held from **September 23rd to 25th, 2026**, in the vibrant, historic city of **Maastricht, Netherlands**. Known for its Roman roots and medieval architecture, Maastricht serves as a lively cosmopolitan hub at the crossroads of Europe, providing the perfect backdrop for our scientific gathering.

Theme: Human Factor & AI

This year's congress focuses on the intersection of **Human Factor and AI** within intraoperative and intensive care settings. As we integrate more accurate and reliable monitoring techniques into our clinical practice, we must explore how artificial intelligence can enhance clinical safety and decision-making for cardiothoracic and vascular patients.

New this year:

On the 22nd of September, before the start of the Congress, we will organise a whole day of Simulation Training in the Sim Lab of the Maastricht Medical University. This program will offer you two scenario CRM sessions and two practical sessions where you can practice advanced bronchoscopy and ultrasound guided thoracic blocks. For our fellows and senior residents two additional sessions with scenario CRM will take be organized on Wednesday the 23rd and Thursday the 24th.

Program Highlights:

- **Specialized Sessions:** Dedicated tracks for patient safety, optimal monitoring, and cutting-edge research presented by international experts.
- **Collaborative Care:** Joint sessions with leading European societies in Cardiothoracic Surgery, Cardiology, Cardiovascular Imaging, Perfusion, and Nursing.
- **New Perspectives:** We are proud to introduce a new session on Sustainability in healthcare, alongside our ongoing commitment to Diversity, Equity, and Inclusion.
- **Hands-on Workshops:** Practical training in Advanced Hemodynamic Monitoring, POCUS, Coagulation Testing, Airway Management, Regional Anaesthesia, and ECMO.
- **AI workshop for beginners:** An introductory session exploring the fundamentals of Artificial Intelligence and its practical applications in cardiothoracic anaesthesia and perioperative care.

Supporting Our Community

We would like to offer a special welcome to our perfusionists, physician assistants, operating and anaesthesia nurses to join us in Maastricht as they are an indispensable part of our teams.

Furthermore, our EACTAIC Fellowship program participants will have access to a dedicated meeting lounge and exclusive didactic sessions tailored to young professionals.

We eagerly look forward to welcoming you to **Maastricht in September 2026** for what promises to be a truly memorable and impactful event.

Marieke Kingma

Local Organizing Committee Chair

Massimiliano Meineri

EACTAIC Annual Events Chair

Steffen Rex

EACTAIC President

Wednesday, September 23rd

08:30-10:00 | Auditorium 1 | Local Session

Human Factor & AI

Chairpersons: M. Kingma (THE NETHERLANDS), S. Rex (BELGIUM)

08:30 - 08:50	Assessing Frailty P.G. Noordzij (THE NETHERLANDS)
08:50 - 09:10	Assessing Anemia T. Rettig (THE NETHERLANDS)
09:10 - 09:30	Data assimilation for ECMO applications: towards better weaning strategies R. Meiburg
09:30 - 10:00	Discussion

08:30-10:00 | Meeting Room 2 (0.4 Brussels) | Interventional Minimally Invasive and Vascular 1

The vascular patient at risk – pharmacy, organ support and guiding

Chairpersons: M. Gimenez (SPAIN), S. Howell (UNITED KINGDOM)

08:30 - 08:50	Vascular Patient at risk – how to deal with perioperative polypharmacy? P. Matute (SPAIN)
08:50 - 09:00	Discussion
09:00 - 09:20	Extracorporeal support from the vascular point of view - dealing with complications and organ perfusion S. Treskatsch (GERMANY)
09:20 - 09:30	Discussion
09:30 - 09:50	Echo guiding in aortic interventional procedures - can it support the outcome? C. Berger (GERMANY)
09:50 - 10:00	Discussion

08:30-10:00 | Meeting Room 3 (0.5 Paris) | Haemostasis & Transfusion 1

Haemostasis & Transfusion 1

Chairpersons: T. Koller (SPAIN), G. Erdoes (SWITZERLAND)

08:30 - 08:50	Common errors and misconceptions in haemostatic treatment M. Ranucci
08:50 - 09:10	Comparative evaluation of intraoperative cell salvage methods and the impact on platelet recovery – A. Lindelauf (THE NETHERLANDS)
09:10 - 09:30	Anticoagulation strategy when transiting from CPB to ECMO/MCS M. Lance (KENYA)
09:30 - 09:50	Perioperative management of "rare" haematologic diseases D. Unic-Stanjovic (SERBIA)
09:50 - 10:00	Discussion

10:00 - 10:30 | Coffee Break



10:30 - 12:00 | Auditorium 1 | Opening Ceremony and Keynote Talk 1

Opening Ceremony and Keynote Talk 1

Smartwatches in detection and treatment of heart disease

I. Van Der Bilt, (THE NETHERLANDS)

12:00 - 13:00 | Auditorium 1 | Poster Session 1 (Cardiac Anaesthesia)

12:00 - 13:00 | Meeting Room 2 (0.4 Brussels) | Poster Session 1

(CPB and Mechanical Circulatory Support + Heart and Lung Transplantation and Organ Protection)

12:00 - 13:00 | Meeting room 3 (0.5 Paris) | Poster Session 1

(Intensive Care Medicine + Paediatric and Adult Congenital Anaesthesia)

13:00 - 14:00 | Lunch

14:00-15:30 | Auditorium 1 | EACTAIC/European Society of Anaesthesia and Intensive Care Joint Session

ESAIC/EACTAIC: Collaboration to tackle systemic inflammation in cardiovascular surgery

Chairpersons: S. Rex (BELGIUM), B. MEÇO (TURKEY)

14:00 - 14:20 **CARDINALNet a formal ESAIC/EACTAIC Cardiovascular Anaesthesia research network towards precision medicine of systemic inflammation**
N. Marczin (UNITED KINGDOM)

14:20 - 14:40 **Perioperative management of infective endocarditis**
H. Hermanns (THE NETHERLANDS)

14:40 - 15:00 **Beyond the Heart: The Inflamed Brain in Cardiothoracic anaesthesia**
B. MEÇO (TURKEY)

15:00 - 15:20 **What is the role of systemic inflammation in vascular surgery?**
A. Székely (HUNGARY)

15:20 - 15:30 **Roundtable discussion**

14:00 - 15:30 | Meeting Room 2 (0.4 Brussels) | Decision Making - Human Factor in an AI-dense environment

Decision Making - Human Factor in an AI-dense environment

Chairpersons: S. Gonnella (UNITED KINGDOM), S. Meier (THE NETHERLANDS)

14:00 - 14:20 **Physiology and the Human Factor**
Title: Understanding VO₂/DO₂: Human Expertise at the Core of Paediatric Hemodynamics
T. Aloisio (ITALY)

14:20 - 14:40 **AI-Supported Goal-Directed Perfusion**
Title: DO₂-Indexed Perfusion & Data-Driven Decision Support in Paediatric CPB
M. Hoeven (THE NETHERLANDS)



14:40 - 15:00	How TOE Transforms Intraoperative Decision-Making in Complex Paediatric Cardiac cases - The Anaesthetist's Ultrasound J. Grabert (GERMANY)
15:00 - 15:20	Human Factors in an Alarm-Dense Environment: Make AI and Multimodal Monitoring Safe & Usable C. Frerk (UNITED KINGDOM)
15:20 - 15:30	Discussion

14:00 - 15:30 | Meeting Room 3 (0.5 Paris) | Thoracic 1

What happens during thoracic surgery?

Chairpersons: F. Piccioni (ITALY), T. Végh (HUNGARY)

14:00 - 14:20	Cognitive aids in thoracic emergencies B. Preckel (THE NETHERLANDS)
14:20 - 14:40	One lung ventilation and lung microbiome T. Végh (HUNGARY)
14:40 - 15:00	The potential dangers of recruitment maneuvers M. Sentürk (TURKEY)
15:00 - 15:20	Impact of pharmacological interventions on intrapulmonary shunt M. Granell (SPAIN)
15:20 - 15:30	Discussion

15:30 - 15:45 | Coffee Break

14:00 - 17:00 | Meeting Room 4 (0.8 Rome) | Workshop

Haemostasis & Transfusion Workshop

Chairpersons: M. Lance (KENYA), E. Baryshnikova (ITALY), A. Ahmed (UNITED KINGDOM), D. Unic-Stanjovic (SERBIA), D. Bolliger (SWITZERLAND)

14:00 - 17:00 | Meeting Room 5 (0.9 Athens) | Workshop

Basic Echo Workshop

Chairpersons: J. Bence (UNITED KINGDOM), B. Mora (AUSTRIA), S. Moravkova (UNITED KINGDOM), J. Maaten (THE NETHERLANDS), J. Labus (GERMANY), A. Mahdi (DENMARK), S. Bouchez (BELGIUM)

Basic TEE - TEE Simulator - Normal anatomy and views

Basic Haemodynamics - TEE Simulator with views

Basic FATE/FOCUS - Machine + Model

Advanced FATE/FOCUS - Machine + Model

Lung Echo - Machine + Model

Echo for Regional Anaesthesia in Cardiothoracic Surgery



14:00 - 17:00 | Meeting Room 6 (0.11 Cape Town) | Workshop

VR ECMO Simulation Workshop

Chairpersons: J.U. Schreiber (THE NETHERLANDS), S. Max (THE NETHERLANDS), Z. Babar (THE NETHERLANDS), D. Hoogzaad (THE NETHERLANDS), B. Schalkwijk (THE NETHERLANDS)

**15:45 - 17:15 | Auditorium 1 | EACTAIC/Thoracic Anaesthesia Symposium
Joint session**

EACTAIC/Thoracic Anesthesia Symposium Joined session

Chairpersons: D. Anca (USA), T. Végh (HUNGARY)

15:45 - 16:00	Preoperative risk prediction in thoracic anesthesia: what does AI add beyond clinical scores? D. Anca (USA)
16:00 - 16:15	Hemodynamic optimization in thoracic anesthesia: current tools and emerging AI applications - B. Balla (HUNGARY)
16:15 - 16:30	Predictive AI should guide intraoperative decision-making in thoracic anesthesia R. Jotwani (USA) – PRO, E. Tschernko (AUSTRIA) - CON
16:30 - 16:45	Modern lung protective ventilation in thoracic anesthesia: current practice and future perspectives - J. Fessler (USA)
16:45 - 17:00	Who is in control? Expertise, responsibility and human factor in the AI-driven thoracic N. Marczin (UNITED KINGDOM)
17:00 - 17:15	Q&A

**15:45 - 17:15 | Meeting Room 2 (0.4 Brussels) | Intensive Care and Cardiovascular
Dynamics /ERAS and Pain Management**

Intensive Care and Cardiovascular Dynamics /ERAS and Pain Management

Chairpersons: S. Silveti (ITALY), M. Bernardi (AUSTRIA)

15:45 - 16:00	ERAS pathway, the journey is a marathon: hospital organization and program development N. Skubas (USA)
16:00 - 16:15	Implementing ERAS in the Cardiac ICU: focus on nutrition and mobilization pathway C. Stoppe (GERMANY)
16:15 - 16:30	PBM and blood management L. Weltert (ITALY)
16:30 - 16:45	Is ERACS changing patients' outcomes D. Hoogma (BELGIUM)
16:45 - 17:15	Q&A

15:45 - 17:15 | Meeting Room 3 (0.5 Paris) | Joint session ECMO, MCS & Organ protection

Joint session ECMO, MCS & Organ protection

Chairpersons: M. Vives (SPAIN), A. Hurtado (SPAIN)

15:45 - 16:00	Patient selection and hemodynamic phenotyping-guided initiation of VA-ECMO in Cardiogenic Shock A. Hurtado (SPAIN)
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16:00 - 16:15	TEE for VA ECMO: Imaging during ECMO cannulation and management F. Sangalli (ITALY)
16:15 - 16:30	Managing VA-ECMO Complications M. Vives (SPAIN)
16:30 - 16:45	Predicting successful VA ECMO weaning TBC
16:45 - 17:15	Q&A
17:15 - 19:15 Auditorium 1 Welcome Reception	

Thursday, September 24th

07:30 - 08:30 | Auditorium 1 | PBLD - Thoracic

PBLD 1 - Thoracic Chairpersons: J. Mourisse (THE NETHERLANDS), B. Pálóczi (HUNGARY)	
07:30 - 07:40	Challenges in navigational bronchoscopy J. Mourisse (THE NETHERLANDS)
07:40 - 07:50	Preoperative evaluation, risk stratification and optimization L. Szegedi (BELGIUM)
07:50 - 08:00	Current concepts in fluid management B. Balla (HUNGARY)
08:00 - 08:10	Protective lung ventilation techniques C. Vanpeteghem (BELGIUM)
08:10 - 08:20	Transfusion practices I. Iolanda (ROMANIA)
08:20 - 08:30	Pain management T. Végh (HUNGARY)

07:30 - 08:30 | Meeting Room 2 (0.4 Brussels) | Perioperative Hemodynamic Instability (Rescue TEE)

Perioperative Hemodynamic Instability (Rescue TEE) Chairpersons: S. Bouchez (BELGIUM), V Rancati (SWITZERLAND)	
07:30 - 08:00	Scenario: Unexplained hypotension, hypoxia, or cardiovascular collapse in the OR or ICU V Rancati (SWITZERLAND)
08:00 - 08:30	Focus: Using TEE for rapid diagnosis of hypovolemia, massive pulmonary embolism (PE) (using the RV free wall akinesis/McConnell sign), or pericardial tamponade S. Bouchez (BELGIUM)



07:30 - 08:30 | Meeting Room 3 (0.5 Paris) | Neuroprotection in Paediatric Cardiac Surgery

Neuroprotection in Paediatric Cardiac Surgery

Chairpersons: M. Brüggene (GERMANY), G. Isgro (ITALY)

07:30 - 07:50	Beyond Hemodynamics: Physiological Foundations of Neuroprotection in Paediatric Cardiac Anaesthesia N. Khalil (GERMANY)
07:50 - 08:10	Cerebral Monitoring Modalities: What the Evidence Actually Supports M. Fontanals (SPAIN)
08:10 - 08:30	From Signals to Action: Integrating Neuro-Monitoring into Clinical Decisions 15 minutes to Intraoperative and 15 minutes to ICU M. Brüggene (GERMANY), G. Isgro (ITALY)

07:30 - 08:30 | Meeting Room 4 (0.8 Rome) | Workshop

PBLD - Cardiopulmonary Bypass

Device selection dilemma: tailoring MCS strategy in AMI-Cardiogenic Shock

Chairpersons: F. Monaco (ITALY)

07:30 - 07:45	Case A: SCAI stage C Shock. Discussion: VA-ECMO or Impella? S. Pérez (SPAIN)
07:45 - 08:00	Case B: Patient on Impella CP developing progressive RV failure. Discussion: biventricular support options (BiPELA, VA-ECMO or Impella RP) F. Monaco (ITALY)
08:00 - 08:15	Case C: Patient on VA-ECMO with persistent LV distension. Discussion: (a) recognition of LV distension (increase LVEDP, pulmonary congestion, risk of intracardiac thrombus, echocardiographic assessment of LV ejection, LV filling pressure and aortic valve opening and PAP monitoring) (b) LV unloading strategies (IABP, Impella insertion for ECPella, transeptal left atrial venting or surgical LV apex drainage) M. Vives (SPAIN)
08:15 - 08:30	Q&A

07:30 - 08:30 | Meeting Room 5 (0.9 Athens) | Workshop

Perioperative Blood Pressure Management: Focus on Hypertension

Chairperson: G. Paternoster (ITALY)

07:30 - 07:50	Case 1 – Hypertension and LV failure F. Guarracino (ITALY)
07:50 - 08:10	Case 2 – Hypertension and Kidney dysfunction G. Paternoster (ITALY)
08:10 - 08:30	Case 3 – Hypertension and Brain dysfunction P. Carmona (SPAIN)



08:30 - 10:00 | Auditorium 1 | EACTAIC/ Society of Cardiovascular Anaesthesiologists

EACTAIC/ Society of Cardiovascular Anaesthesiologists

Chairpersons: A. Fox (USA), S. Rex (BELGIUM)

08:30 - 08:45	Defining AI- What we mean when we talk about AI P. Ariyo
08:45 - 09:00	AI In Anaesthesia C. Mukherjee (GERMANY)
09:00 - 09:15	SCA White Paper on AI T. Williams (USA)
09:15 - 09:30	To Trust or not to trust: AI in Hemodynamic monitoring S. Rex (BELGIUM)
09:30 - 10:00	Discussion

08:30 - 10:00 | Meeting Room 2 (0.4 Brussels) | DEI Session

Diversity, Gender Equity and Inclusion

Chairpersons: A. Székely (HUNGARY), M. Meineri (GERMANY)

08:30 - 08:50	The Challenge of Transitions A. Székely (HUNGARY)
08:50 - 09:10	Diversity, Gender Equity and Inclusion in Critical Care and Perioperative Medicine G. Valauskaitė (LITHUANIA)
09:10 - 09:30	When cultures collide J. Swanefelder (SOUTH AFRICA)
09:30 - 10:00	Q&A

08:30 - 10:00 | Meeting Room 3 (0.5 Paris) | Human Factors and AI in Echocardiography

Human Factors and AI in Echocardiography

Chairpersons: J. Bence (UNITED KINGDOM), J. Labus (GERMANY)

08:30 - 08:45	Congenital Heart Disease - High pressure decisions J. Swanefelder (SOUTH AFRICA)
08:45 - 09:00	AI in Peri Operative Echo D. Borde (INDIA)
09:00 - 09:15	Human Factors in perioperative Echo J. Bence (UNITED KINGDOM)
09:15 - 09:30	TOE in coming off CPB S. Bouchez (BELGIUM)
09:30 - 09:45	Heart Transplant (or MCS) - Echo to the rescue V. Rancati (SWITZERLAND)
09:45 - 10:00	Q&A

08:30 - 10:00 | Meeting Room 4 (0.8 Rome) | Workshop

AI for Beginners

Chairpersons: F. Tijssen (THE NETHERLANDS)



08:30 - 10:00 | Meeting Room 6 (0.11 Cape Town) | Workshop

VR ECMO Simulation Workshop

Chairpersons: J.U. Schreiber (THE NETHERLANDS), S. Max (THE NETHERLANDS), Z. Babar (THE NETHERLANDS), D. Hoogzaad (THE NETHERLANDS)

10:00 - 10:30 | Coffee Break

10:30 - 12:00 | Auditorium 1 | General Assembly & Keynote 2

General Assembly & Keynote 2

Human Factor and Crisis Resource Management

J. Kahlmann (THE NETHERLANDS)

12:00 - 13:00 | Auditorium 1 | Poster Session 2 | Cardiac Anaesthesia

12:00 - 13:00 | Meeting Room 2 (0.4 Brussels) | Poster Session 2 | Thoracic Anaesthesia

12:00 - 13:00 | Meeting Room 3 (0.5 Paris) | Poster Session 2

Haemostasis and Transfusion

13:00 - 14:00 | Lunch

14:00 - 15:00 | Auditorium 1 | Poster Session 3 | Cardiac Anaesthesia

14:00 - 15:00 | Meeting Room 2 (0.4 Brussels) | Poster Session 3

Vascular and minimally invasive Anaesthesia + Echocardiography

14:00 - 15:00 | Meeting Room 3 (0.5 Paris) | Poster Session 3

Enhanced Recover after Cardiothoracic Surgery + Human Factor & AI

15:00 - 16:30 | Auditorium 1 | ERAS joint session with Early Recovery After Surgery Society

ERAS joint session with Early Recovery After Surgery Society

Chairperson: M. Cibelli (UNITED KINGDOM), S. Silvetti (ITALY)

15:00 - 15:20	Enhanced Recovery After Cardiac Surgery: Evidence, Controversies and Future Directions D. ENGELMAN (USA)
15:20 - 15:40	ERAS Cardiac in Real Life: What Works, What Fails, and Why? K. LOBDELL (USA)
15:40 - 16:00	Optimising Recovery After Cardiac Surgery: From Protocols to Daily Practice J. Ender (GERMANY)
16:00 - 16:20	Multimodal analgesia and Fast Track: patients' selection A. GREGORY (CANADA)
16:20 - 16:30	Discussion



15:00 - 16:30 | Meeting Room 2 (0.4 Brussels) | What happens after Thoracic Surgery?

What happens after thoracic surgery?

Chairpersons: T. Végh (HUNGARY), M. Sentürk (TURKEY)

15:00 - 15:20	Delirium after thoracic surgery F. Piccioni (ITALY)
15:20 - 15:40	Lung-kidney crosstalk E. Tschernko (AUSTRIA)
15:40 - 16:00	Thoracic sarcopenia: is it an issue? B. Balla (HUNGARY)
16:00 - 16:20	Locoregional techniques for postoperative pain: from feasibility to evidence-based practice B. Shelley (UNITED KINGDOM)
16:20 - 16:30	Discussion

15:00 - 16:30 | Meeting Room 3 (0.5 Paris) | Pediatric and Congenital 2

Pediatric and Congenital 2

Chairpersons: T. Kousi (GREECE), M. Vandenheuvel (BELGIUM)

15:00 - 15:15	Adult Congenital Heart Disease in 2026: Human Factors, Team Intelligence & Future Technologies in Perioperative Care M. Vandenheuvel (BELGIUM)
15:15 - 15:30	Human-Factor Pitfalls in ACHD S. Rex (BELGIUM)
15:30 - 15:45	AI-Supported Imaging & Preoperative Planning for ACHD Title: What Exists Today and What Is Emerging? TBC
15:45 - 16:00	Anaesthetic Management for Complex ACHD Surgery Title: Re-entry, Systemic RV, Fontan, Pulmonary Hypertension M. Momeni (BELGIUM)
16:00 - 16:15	Bridging to the Future Title: Mechanical Circulatory Support & Transplant Pathways in ACHD B. Meyns (BELGIUM)
16:15 - 16:30	Discussion

16:30 - 16:45 | Coffee Break

16:45 - 18:15 | Auditorium 1 | Postoperative Care after Type A Aortic Dissection Repair

Postoperative Care after Type A Aortic Dissection Repair - Expert Opinion/Research Session

Chairpersons: M. Gimenez (SPAIN), G. Kunst (UNITED KINGDOM)

16:45 - 17:00	Clinical assessment after TAAD surgery at arrival in ICU M. Bernardi (AUSTRIA)
17:00 - 17:07	Discussion



17:07 – 17:22	Surgical complications after TAAD repair and their management M. Ascaso (SPAIN)
17:22 – 17:29	Discussion
17:29 – 17:44	Neurologic function and coagulation: advanced monitoring after TAAD repair C. Berger (GERMANY)
17:44 – 17:51	Discussion
17:51 – 18:06	Haemodynamics and target blood pressure after TAAD repair M. Gimenez (SPAIN)
18:06 – 18:15	Discussion

16:45 - 18:15 | Meeting Room 2 (0.4 Brussels) | Critical Decision Making in Acute Aortic Syndromes

Critical Decision Making in Acute Aortic Syndromes

Chairpersons: C. Mukherjee (GERMANY), H. Grocott (CANADA)

16:45 – 17:05	Key TEE features to guide anesthesia and surgical decisions C. De Souza (CANADA)
17:05 – 17:25	Optimizing neurological outcome H. Grocott (CANADA)
17:25 – 17:45	Coagulation management in type-A aortic dissection A. Ahmed (UNITED KINGDOM)
17:45 – 18:05	Intraoperative anesthetic management of Type A dissection what is the magic recipe? R. Wäschle (GERMANY)
18:05 – 18:15	Q&A

16:45 - 18:15 | Meeting Room 3 (0.5 Paris) | Challenges in management of heart and lung transplantation

Challenges in management of heart and lung transplantation

Chairpersons: A. Hurtado (SPAIN), H. Riha (CZECH REPUBLIC)

16:45 – 17:05	Lung transplantation in 2026: Are we ready for the next decade? J. Fessler (USA)
17:05 – 17:25	The evolving landscape of heart transplantation: where are we now? E. De Waal (THE NETHERLANDS)
17:25 – 17:45	Combined Organ Transplantation: Perioperative challenges in complex physiology N. Czobor (UNITED KINGDOM)
17:45 – 18:05	When congenital hearts age: Anaesthetic & ICU management when undergoing transplantation S. Meier (THE NETHERLANDS)
18:05 – 18:15	Discussion



15:00 - 17:30 | Meeting Room 4 (0.8 Rome) | Workshop

Perioperative neuromonitoring (NMT) in aortic and major vascular interventions

Chairpersons: P. Matute (SPAIN), M. Gimenez (SPAIN), C. Berger (GERMANY), G. J Kuiper (THE NETHERLANDS)

15:00 - 15:30	Neurophysiological background
15:30 - 16:00	PBL on Indications for NMT in vasc interventions
16:00 - 16:30	Spinal drain, indications and function (possibly combined with the previous topic)
16:30 - 17:00	Workstation and wire setup/Coffee Break
17:00 - 17:30	MEP/SSEP case discussion

15:00 - 18:00 | Meeting Room 5 (0.9 Athens) | Workshop

Advanced Echo Workshop

Chairpersons: J. Bence (UNITED KINGDOM), B. Mora (AUSTRIA), S. Moravkova (UNITED KINGDOM), J. Maaten (THE NETHERLANDS), J. Labus (GERMANY), A. Mahdi (DENMARK), V. Ajello (ITALY), S. Bouchez (BELGIUM)

TEE with Pathology – TEE simulator with Pathology
3D acquisition and optimisation – TTE Machine + Model/simulator
3D Modeling RV and LV – TTE machine + Model or preloaded datasets/simulator
MPR – MV/AV/TV - TTE machine + Model or preloaded datasets/workstation
LV/RV Strain - TTE machine + Model or preloaded datasets/workstation
Advanced Haemodynamics - TEE simulator or TTE machine + Model or preloaded datasets/simulator/workstation

Friday, September 25th

07:30 - 08:30 | Meeting Room 1 (0.10 Sydney) | Society of Cardiovascular Anaesthesiologists

Patient with LVAD for Non-cardiac surgery procedures

07:30 - 07:50	Case Discussion 1 J. Arias
07:50 - 08:10	Case Discussion 2 H. Riha (CZECH REPUBLIC)
08:10 - 08:30	Q&A

07:30 - 08:30 | Meeting Room 2 (0.4 Brussels) | PBL Interactive Clinical Case Debate

PBL Interactive Clinical Case Debate

Chairpersons: I. Michaux (BELGIUM), A. Rubino (UNITED KINGDOM)

07:30 - 07:50	Case 1 - Discussion with Attendees I. Michaux (BELGIUM)
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07:50 - 08:10	Case 2 - Discussion with Attendees N. Bradic (CROATIA)
08:10 - 08:30	Case 3 - Discussion with Attendees P. Wohlrab (AUSTRIA)
08:30 - 10:00 Meeting Room 1 (0.10 Sydney) EACTAIC/European Association of Cardiothoracic Surgery Joint Session	
EACTAIC/European Association of Cardiothoracic Surgery Joint Session Chairperson: S. Rex (BELGIUM)	
08:30 - 08:50	Goal-Directed Hemodynamic Therapy in Cardiac Surgery: Dead or Reborn? S. Rex (BELGIUM)
08:50 - 09:10	The Role of Mechanical Circulatory Support in Cardiogenic Shock: When Is Too Early, When Is Too Late? R. Lorusso
09:10 - 09:30	Postoperative Troponin Elevation After Cardiac Surgery: Injury, Marker, or Noise? M. Molojevic
09:30 - 10:00	Q&A
08:30 - 10:00 Meeting Room 2 (0.4 Brussels) Organ protection: Current and Future Scope	
Organ protection: Current and Future Scope Chairperson: E. De Waal (THE NETHERLANDS)	
08:30 - 08:50	Options in procurement and preservation of donor lungs, donor heart or en-bloc heart-lungs A. Neyrinck
08:50 - 09:10	Beyond Survival: Protecting Vital Organs in Cardiac Surgery and Transplantation G. Landoni (ITALY)
09:10 - 09:30	The Evolving Science of Cardioplegia and Myocardial Protection H. Riha (CZECH REPUBLIC)
09:30 - 09:50	Rewriting the Limits of Donation: DCD, NRP and the New Survival Data N. Marczin (UNITED KINGDOM)
09:50 - 10:00	Q&A
08:30 - 10:00 Meeting Room 3 (0.5 Paris) Intensive Care and cardiovascular Dynamics	
Intensive Care and cardiovascular Dynamics Chairpersons: M. Bernardi (AUSTRIA), A. Rubino (UNITED KINGDOM)	
08:30 - 08:45	Vasoactive Therapy in the Cardiothoracic ICU: De-Catecholaminization Strategies G. Paternoster (ITALY)
08:45 - 08:52	Discussion



08:52 - 09:07	Vasoplegia, Venous Congestion or Low Cardiac Output A. Feldheiser
09:07 - 09:14	Discussion
09:14 - 09:29	Cardiopulmonary interactions in ARDS management P. Gaudard
09:29 - 09:36	Discussion
09:36 - 09:51	Sepsis in the Cardiothoracic ICU and Therapeutic Antibiotic Drug Monitoring G. Aurélien
09:51 - 10:00	Discussion
08:30 - 10:00 Meeting Room 4 (0.8 Rome) Workshop	
AI for Beginners Chairpersons: F. Tijssen (THE NETHERLANDS)	
08:30 - 10:00 Meeting Room 5 (0.9 Athens) Hemodynamic Simulation	
Hemodynamic Simulation (Understanding cardiac (patho)physiology with CircAdapt) Chairpersons: C. Lexis (THE NETHERLANDS), J. Lumens (THE NETHERLANDS)	
08:30 - 10:00 Meeting Room 6 (0.11 Cape Town) Patient's Experience	
Patient's Experience M. Kingma (THE NETHERLANDS)	
10:30 - 12:00 Coffee Break	
10:30 - 12:00 Meeting Room 1 (0.10 Sydney) EACTAIC/German/Belgian/Dutch Society of Anesthesia	
Cardiac Anesthesia Subspecialty Definition and Training Pathways Chairperson: S. Rex (BELGIUM)	
10:30 - 10:50	The German Perspective J. Ender (GERMANY)
10:50 - 11:10	The Dutch Perspective S. Eberl (THE NETHERLANDS)
11:10 - 11:30	The Belgian Perspective P. Wouters (BELGIUM)
11:30 - 12:00	Q&A
10:30 - 12:00 Meeting Room 2 (0.4 Brussels) Interventional Minimally Invasive and Vascular 2	
Perioperative risk stratification in cardiac procedures Chairpersons: P. Matute (SPAIN), C. Berger (GERMANY)	



10:30 - 11:00	Preop Evaluation covering guidelines and will AI help us now? Discussion – S. Howell (UNITED KINGDOM)
11:00 - 11:30	Echo and Biomarkers in preop risk stratification – useful or not? Discussion – G. Lurati (GERMANY)
11:30 - 12:00	Role of anaesthetists in cardiac interventional procedures – a pro/con point-of-view debate Con: P. Vriesendorp (THE NETHERLANDS) Pro: M. Gimenez (SPAIN)

10:30 - 12:00 | Meeting Room 3 (0.5 Paris) | Sustainability in Cardiovascular and Thoracic Anaesthesia

Sustainability in Cardiovascular and Thoracic Anaesthesia

Chairperson: R. Mandarano (ITALY), V. Tripodi (ITALY)

10:30 - 10:50	Carbon Hotspots and Environmental Challenges in the Operating Room and Intensive Care Unit N. Hunfeld (THE NETHERLANDS)
10:50 - 11:10	Metrics for Life Cycle Assessment: Evidence and Limits A. Kalmar
11:10 - 11:30	Are ERAS Programs Also Sustainable? ERAS SubCom Joint Lecture R. Mandarano (ITALY)
11:30 - 12:00	Q&A

10:30 - 12:00 | Meeting Room 4 (0.8 Rome) | Anaesthesia Nurses and Allied Health Session

Anaesthesia Nurses and Allied Health Session

Chairperson: M. Kingma (THE NETHERLANDS)

10:30 - 10:50	From bedside to PhD: what it takes, what it costs, and why we do it anyway R. Van Valen (THE NETHERLANDS)
10:50 - 11:10	Anesthesia for AF Ablation: One Size Does Not Fit All M. Homberg (THE NETHERLANDS)
11:10 - 11:30	Physician assistants in the ICU: The past, the present, the future TBC
11:30 - 12:00	Q&A

12:00 – 13:00 | Meeting Room 1 (0.10 Sydney) Closing Ceremony & 4 Best Oral Presentation

Closing Ceremony & 4 Best Oral Presentation

Chairpersons: S. Rex (BELGIUM), M. Meineri (GERMANY), G. Kunst (UNITED KINGDOM)

13:00 – 14:00 | Lunch



14:00 - 15:30 | Meeting Room 1 (0.10 Sydney) | Echocardiography Decision Making Tool

Echocardiography decision making tool

Chairpersons: J. Labus (GERMANY), J. Bence (UNITED KINGDOM)

14:00 – 14:15	ECHO in ECMO V. Ajello (ITALY)
14:15 – 14:30	Ejection fraction – Valid or just part of the bigger Echo picture B. Mora (AUSTRIA)
14:30 – 14:45	TOE in minimal invasive Cardiac Surgery M. Meineri (GERMANY)
14:45 – 15:00	Strain application J. Labus (GERMANY)
15:00 – 15:15	How to use multiplanar reconstruction and 3D measurements J. Maaten (THE NETHERLANDS)
15:15 - 15:30	Q&A

14:00 - 15:30 | Meeting Room 2 (0.4 Brussels) | Heart Team

The Heart Team in Complex Cardiology and Cardiac Surgery Procedures: Multidisciplinary Integration for Optimal Patient Outcomes

Chairpersons: M. Meineri (GERMANY), R. Lorusso (THE NETHERLANDS)

14:00 - 14:20	Managing the high-risk patient in patients in complicated preoperative conditions (shock, arrest, poor hemodynamic and metabolic conditions): How can the heart team reduce such risks? – F. Guarracino (ITALY)
14:20 - 14:40	The importance of pre-planning in cardiac surgery patients at high risk for complicated postoperative course R. Lorusso (THE NETHERLANDS)
14:40 - 15:00	The heart team decision-making in unexpected intra - as well as postoperative complicated conditions after in cardiac surgery F. Guarracino (ITALY)
15:00 - 15:30	Q&A

14:00 - 15:30 | Meeting Room 3 (0.5 Paris) | Haemostasis & Transfusion 2

Haemostasis & Transfusion 2

Chairpersons: D. Bolliger (SWITZERLAND), G. Erdoes (SWITZERLAND)

14:00 - 14:30	Dynamic prediction of bleeding T. Koller (SPAIN)
14:30 - 15:00	Use of data/AI in coagulation management Pro – U. Di Dedda (ITALY) – Platelet function Con – E. Baryshnikova (ITALY)
15:00 - 15:30	Transfusion decision making and AI D. Bolliger (SWITZERLAND)

15:30 - 15:45 | Coffee Break



14:00 - 16:30 | Meeting Room 4 (0.8 Rome) | Workshop

Thoracic Workshop

Chairperson: J. Mourisse (THE NETHERLANDS)

14:00 - 16:30	Airway management: DLT D. Anca (USA), D. Yapici (TURKEY)
14:00 - 16:30	Airway management: BBs M. Senturk (TURKEY), C. Guclu (TURKEY)
14:00 - 16:30	Airway management: Evone tritube J. Mourisse (THE NETHERLANDS), M. Kuut (THE NETHERLANDS)
14:00 - 16:30	Locoregional techniques M. Granell (SPAIN), I. Ion (FRANCE)

14.00 - 17:15 | Meeting Room 5 (0.9 Athens) | Workshop

Regional Anesthesias

Chairpersons: M. Cibelli (THE NETHERLANDS), M. Ferrante (UNITED KINGDOM), D. Hoogma (BELGIUM)

15:45 - 17:15 | Meeting Room 2 (0.4 Brussels) | EACTAIC/ACTACC Joint Session

EACTAIC/ACTACC Joint Session

Chairpersons: G. Kunst (UNITED KINGDOM)

15:45 - 16:05	Right Heart Function in Thoracic Surgery: New Insights and Clinical Implications B. Shelley (UNITED KINGDOM)
16:05 - 16:25	Anaesthetic Strategies for Robotic Cardiac Surgery B. Kyle (UNITED KINGDOM)
16:25 - 16:45	Postoperative Care after Minimally Invasive Cardiac Surgery C. Walker (UNITED KINGDOM)
16:45 - 17:05	Post Cardiotomy Shock, diagnosis and challenges A. Rubino (UNITED KINGDOM)
17:05 - 17:15	Q&A

15:45 - 17:15 | Meeting Room 3 (0.5 Paris) | Circulatory Support Joint session with the European Board of Cardiac Perfusion

Circulatory Support Joint session with the European Board of Cardiac Perfusion

Chairperson: M. Vives (SPAIN), F. Monaco (ITALY)

15:45 - 16:05	MiECC: From circuit design to patient-centred perfusion A. Smith (THE NETHERLANDS)
16:05 - 16:25	Strategies to prevent cardiac-surgery associated AKI: an international consensus statement - G. Landoni (ITALY)
16:25 - 16:45	Neuromonitoring and neurocognitive outcomes in cardiac surgery M. Cordero (SPAIN)
16:45 - 17:15	Q&A