Wednesday, April 23, 2025

Adult Session
13:00 - 15:00 Coral 2/3

ECMO explained: basics of adult extracorporeal support

Physiology of respiratory ECMO in Adults	13:00 - 13:20
Physiology of cardiac support on ECMO	13:20 - 13:40
Circuit components and maintenance in VV & VA ECMO	13:40 - 14:00
Patients selection - can all patients in need get an ECLS	14:00 - 14:20
Anticoagulation management in VV & VA ECMO	14:20 - 14:40
Clinical Case Scenario discussion	14:40 - 15:00

Adult Session
13:00 - 15:00 Sky 1

Extracorporeal respiratory support for non- pulmonologists

Monitoring Patient-Ventilator Interactions	13:00 - 13:20
Mechanics in controlled and assisted ventilation, recruitability testing and PEEP setting	13:20 - 13:40
Hemoglobin threshold for transfusions	13:40 - 14:00
Refractory hypoxemia during respiratory support	14:00 - 14:20
Infection control: from prevention to management	14:20 - 14:40
Comorbidities in ECLS patients, relative contraindications? Haematological and cancer diseases, Pre-existing coagulation disorders, Auto-immune diseases, Genetics preconditions	14:40 - 15:00

Adult Session
13:00 - 15:00 Sky 2

Cardiac support for non-cardiologists

Cardiac ECMO pitfalls and troubleshooting	13:00 - 13:20
Heart-lung interaction: how to titrate ventilation in patients on V-A ECMO	13:20 - 13:40
Defferential hypoxemia (Harlequine/ North-South Syndrome) during V-A ECMO - how to recognize, how to manage	13:40 - 14:00
Complications: Renal failure and CRRT during ECMO	14:00 - 14:20
Bridging with ECMO to Heart and Lung Transplant and ECMO weaning after transplant	14:20 - 14:40
Clinical Case Scenario discussion	14:40 - 15:00

Interdisciplinary Session
13:00 - 15:00 Ocean 1

How to perform a perfect ECMO simulation (neonatal/peds/adults)

Teaching methods - how adults learn?!	

Simulation ABC for perfusionist	13:00 - 13:20
Top of the mountain-Debriefing the experts	13:40 - 14:00
Overview of ECMO simulators	14:00 - 14:20
Practical training and simulation: The ECMOBARNA simulation programme	14:20 - 14:40
The ELSO training tools	14:40 - 15:00

Pediatric Session
13:00 - 15:00 Ocean 3

ECMO explained: basics of neonatal & pediatric extracorporeal support

Physiology of Gas Exchange in VV and VA ECMO	13:00 - 13:20
Configurations and Cannulation techniques	13:20 - 13:40
Anticoagulation: a very pragmatic approach	13:40 - 14:00
Basic management of circuit malfunctions/emergencies	14:00 - 14:20
Neonatal respiratory failure indications and ECMO techniques	14:20 - 14:40
Management of neonatal patients with Respiratory failure	14:40 - 15:00

Pediatric Session
13:00 - 15:00 Aqua 1/2

Neonatal & Pediatric ECMO - focussing on designated problems

ARDS caused by alveolar haemorrage: when to go on ECMO	13:00 - 13:20
My patient has a brain hemorrage: my approach	13:20 - 13:40
A complex case of pediatric trauma receiving ECMO	13:40 - 14:00
Mediastinal Masses: when to consider ECMO	14:00 - 14:20
Hypotermic cardiac arrest: indications for ECMO	14:20 - 14:40
Self-harm attempts due to Cardiovascular drugs: timing for ECMO	14:40 - 15:00

Teach Programme / Workshop
13:00 - 18:00 Ocean 2

ECLS workshop - joint event EuroELSO and ESICM
Pre-registration mandatory.

MODULE 1 - Cannulation	13:00 - 13:00
MODULE 2 - SIM 1. V-V	13:00 - 13:00
MODULE 3 - SIM 2. V-A	13:00 - 13:00
MODULE 4 - Troubleshooting Waterdrills	13:00 - 13:00
MODULE 5 - Interactive Clinical Cases	13:00 - 13:00

Breaks
15:00 - 15:30 Exhibition Area

Break

Adult Session
15:30 - 17:30 Coral 2/3

What happens after cannulation in respiratory and cardiac support

Initial management of respiratory ECMO	15:30 - 15:50
Initial management of cardiac ECMO	15:50 - 16:10
Mechanical ventilation of resuscitated patients (CRALE etc.)	16:10 - 16:30
ICU management of patients during CS patient's undertaking MCS – how to identify, prevent and manage complications	16:30 - 16:50
Weaning from V-V and V-A ECMO, similar and different	16:50 - 17:10
Clinical Case Scenario discussion	17:10 - 17:30

Adult Session
15:30 - 17:30 Sky 1

Demistifying ECPR

The rationale of ECPR explained	15:30 - 15:50
Evidence for ECPR and patient selection	15:50 - 16:10
How to get the ECMO flow ASAP (on site ECPR?)	16:10 - 16:30
Key Goals for the First 24 Hours in ECPR Patients	16:30 - 16:50
How to wean from ECMO support after ECPR	16:50 - 17:10
Neuromonitoring, -prognostication and follow-up outcomes	17:10 - 17:30

Adult Session
15:30 - 17:30 Sky 2

Intricate physiology of cardiovascular and respiratory ECMO

Understand patient-specific details of the interaction between the human cardiovascular and respiratory system and the ECMO circuit	15:30 - 15:50
How to unload in VA ECMO, mechanistic insights into LV unloading	15:50 - 16:10
(Retrograde) Flow pattern, central versus peripheral versus hybrid configurations, recirculation	16:10 - 16:30
Insights into optimal gas-exchange, heart-lung interation, arterial waveform analysis	16:30 - 16:50
Coagulation monitoring and management: one size fits all	16:50 - 17:10
Cannula and pump specifications/ flow patterns/ blood trauma	17:10 - 17:30

Nurse Session
15:30 - 17:30 Ocean 1

Advanced ECMO Simulation in Nursing Education

Challenges in team training for ECPR	15:30 - 15:50

ECMO Circuit Setup	15:50 - 16:10
Hemodynamic Optimization	16:10 - 16:30
Post-ECMO Care, Decannulation Monitoring	16:30 - 16:50
Team Communication	16:50 - 17:10
Round Table discussion	17:10 - 17:30

Pediatric Session
15:30 - 17:30 Ocean 3

ECMO explained: basics of neonatal & pediatric extracorporeal support

Weaning from VV ECMO	15:30 - 15:50
Neonatal & pediatric Cardiac Failure and ECMO Indications	15:50 - 16:10
ECMO Management of Neonates & Children with Cardiac failure	16:10 - 16:30
Weaning from VA ECMO	16:30 - 16:50
Extracorporeal Cardiopulmonary Resuscitation	16:50 - 17:10
How to set a follow-up programme	17:10 - 17:30

Pediatric Session
15:30 - 17:30 Aqua 1/2

Neonatal & Pediatric ECMO (junior advanced) - focussing on designated problems - problem based

ECMO as a bridge to pediatric lung transplant: Indications	15:30 - 15:50
Cannulating the controindicated: ECMO in patients below 2.4 kg	15:50 - 16:10
Unloading the LV: when and how	16:10 - 16:30
How to monitor the brain after ECPR	16:30 - 16:50
How I monitor platelet function during ECMO	16:50 - 17:10
ECMO to facilitate organ donation? Yes or No	17:10 - 17:30

Thursday, April 24, 2025

Interdisciplinary Session
08:30 - 10:00 Coral 2/3

Updates on ELSO guidelines

Adult mobility guidelines	08:30 - 08:45
Extracorporeal Life Support in Accidental Hypothermia	08:45 - 09:00
ECLS in Trauma	09:00 - 09:15
Adult neuro monitoring guidelines	09:15 - 09:30
POCUS in ECMO	09:30 - 09:45

Interdisciplinary Session
08:30 - 10:00 Sky 1

Transport pearls and insides

What is the lower limit of resources brought on transport?	08:30 - 08:50
Management of perfusion emergencies during ECLS transports	08:50 - 09:10
Transports with adjuvant cardio-circulatory support: IABP, Impella, iNO, VAD, mechanical heart, ...	09:10 - 09:30
Flying nurses - the resources I have to bring on transport	09:30 - 09:50

Interdisciplinary Session
08:30 - 10:00 Ocean 1

The Next Generation: roadmap to become clinician and/or scientist in ECMO field

How to define an ECMOlogist ? The broad and interdisciplinary field	08:30 - 08:45
Pitfalls and bias in ECMO research: what must be avoided	08:45 - 09:00
ELSO Registry - avaiable and not available data, how to submit a proposal for a data request	09:00 - 09:15
Challenges in nursing career and research	09:15 - 09:30
The Next Generation: roadmap to become clinician and/or scientist in ECMO field	09:30 - 09:45

Pediatric Session
08:30 - 10:00 Ocean 3

What would you do - case discussion - clinical decision making

When ECMO patients fails to wake up: how to apporach diagnosis & decision-making	08:30 - 08:50
My echo check list for VV-ECMO	08:50 - 09:10
My echo check list for VA-ECMO	09:10 - 09:30
How I manage transfusion during ECMO...my view	09:30 - 09:50

Pediatric Session
08:30 - 10:00 Aqua 1/2

Pediatric ECPR

Out of Hospital Cardiac Arrest for Pediatrics - Shall we do it?	08:30 - 08:50
Cannulating strategies in out of hospital peri-arrest	08:50 - 09:10
Neuro-outcomes and prognostication	09:10 - 09:30
Future of pedicatric ECPR	09:30 - 09:50

Educational Corner
09:00 - 11:30 Educational Corner

Educational Corner - Workshops

Workshop 1 - Ultrasound-guided cannulation for ECLS/ECMO	09:00 - 09:00

Teach Programme / Workshop
09:00 - 12:00 Ocean 2

ECLS workshop - joint event EuroELSO and ESICM
Pre-registration mandatory.

MODULE 1 - Cannulation	09:00 - 09:00
MODULE 2 - SIM 1. V-V	09:00 - 09:00
MODULE 3 - SIM 2. V-A	09:00 - 09:00
MODULE 4 - Troubleshooting Waterdrills	09:00 - 09:00
MODULE 5 - Interactive Clinical Cases	09:00 - 09:00

Breaks
10:00 - 10:30 Exhibition Area

Break

Interdisciplinary Session
10:30 - 12:00 Coral 2/3

ECPR challenges - unexpected survivors

... in ped/neo	10:30 - 10:50
... in adolesc	10:50 - 11:10
...adult	11:10 - 11:30
... advanced age	11:30 - 12:00

Pediatric Session
10:30 - 12:00 Sky 1

How to start and run an ECMO programme for...

... for respiratory support	10:30 - 10:50
... for cardiac support	10:50 - 11:10
... neonatal / pediatric centre	11:10 - 11:30
Leadership program in ECMO sector as an ultimate need	11:30 - 12:00

Interdisciplinary Session
10:30 - 12:00 Ocean 1

Dos and dont's in ECMO research

In vitro in vivo/ animal models/ celluar research - how to set up an effective experimental programme	10:30 - 10:50
Randomized studies or observational - how to design an effective study in the ECMO field ?	10:50 - 11:10
What journals expect	11:10 - 11:30
New insights from current research - how to choose the topic for your PhD	11:30 - 12:00

Interdisciplinary Session
10:30 - 12:00 Ocean 3

What would you do - case discussion - clinical decision making

To ECPR or not ECPR: chosing the right patient and the right location	10:30 - 10:50
Building a strong ECMO team: tips and tricks	10:50 - 11:10
Practical steps to prevent common ECMO complications	11:10 - 11:30
Supporting Families through the ECMO Journey: from comunication to palliative care consultations	11:30 - 11:50

Interdisciplinary Session
10:30 - 12:00 Aqua 1/2

Miscellanous pearls - "Back to the Future"

AI in education, research and clinics	10:30 - 10:50
VR in education and clinics	10:50 - 11:10
Application of data assimilation in ECMO	11:10 - 11:30
Insights in technical innovations	11:30 - 12:00

Industry
12:45 - 13:45 Sky 1

Industry Symposium

From Innovation to Impact: Dual Lumen Cannulation in VV ECMO	12:45 - 13:45

Industry
12:45 - 13:45 Sky 2

Industry Symposium

When Blood Returns: The Complexities of Reperfusion Injury	12:45 - 13:05
How to build an interhospital ECPR infrastructure to improve patient care	13:05 - 13:25
Improving neuroprognostication in ECPR with early monitoring - current options and concepts	13:25 - 13:45

Industry
12:45 - 13:45 Ocean 1

Industry Symposium

Introduction to the CBM Lifemotion ECMO System	12:45 - 13:00
Initial Clinical Experience in Europe, First Clinical cases	13:00 - 13:15
Multi Center Experience with the CBM Lifemotion System in China	13:15 - 13:30
Round Table Discussion	13:30 - 13:45

Plenary Session
13:45 - 14:30 Coral 2/3

Opening Ceremony

Welcome address - Congress/ EuroELSO Chair	13:45 - 13:51
Welcome address - ELSO Chair	13:51 - 13:57
Welcome address - EuroELSO Scientific Committee Chair	13:57 - 14:03
Year in review - 2023/ 2024 Highlights in Pediatric ECMO	14:03 - 14:10
Year in review - 2023/ 2024 Highlights in Adult ECMO	14:10 - 14:17
Year in review - 2023/ 2024 Highlights in Nursing ECMO	14:17 - 14:24
Year in review - 2023/ 2024 Highlights in Innovation & Technology / Perfusion	14:24 - 14:31

Plenary Session
14:30 - 15:45 Coral 2/3

Building on the Past - Roots of the Future

Window of opportunity for MSC in acute HF/ adult cardiogenic shock	14:30 - 14:45
Difference between Europe and USA in pediatric outcomes	14:45 - 15:00
ECPR as a cornerstone of ECMO	15:00 - 15:15
Importance of team work in the era of nursing wokforce shortage	15:15 - 15:30
Building on the Past - Roots of the Future	15:30 - 15:45

Breaks
15:45 - 16:15 Exhibition Area

Break

Teach Programme / Workshop
15:45 - 16:15 Exhibition Area

Cannulation Cup

Adult Session
16:15 - 18:15 Coral 2/3

Adult Cardiac - spoilt for choice MSC in cardiogenic shock - the importance of patient's trajectory

The modern cardiogenic shock and the updates we need	16:15 - 16:30

Spoilt for choice: ECLS, IABP or Impella (or a combination of them?) in cardiogenic shock	16:30 - 16:45
"DanGer has passed" - is Impella the first choice MSC in Infarct-Related Cardiogenic Shock	16:45 - 17:00
LV unloading in different cardiogenic shock phenotypes: is it the time to stop questions and proceed with the application?	17:00 - 17:15
When to change for cardiac support in ARDS	17:15 - 17:30
Many devices, many data: to measure is to know	17:30 - 17:45
The right ventricle and the lung: the forget-me-not of cardiogenic shock	17:45 - 18:00
When and how to define the exit strategies	18:00 - 18:15

Adult Session
16:15 - 18:15 Sky 1

Adult Respiratory - Ongoing and planned clinical trials, Technical innovations

The PRACTICAL platform trial	16:15 - 16:30
Are EOLIA trial selection criteria remaining expert opinion?	16:30 - 16:45
Is mechanical ventilation during V-V ECMO lung protective?	16:45 - 17:00
Spontaneous breathing before and during ECMO	17:00 - 17:15
Impact of Obesity on Outcomes in COVID-19 Patients Supported with Extracorporeal Membrane Oxygenation (ECMO): Insights from the EuroECMO-COVID Study	17:15 - 17:30
High versus low PEEP setting in patients receiving V-V ECMO for severe ARDS - discussing the protocol for ExPress SAVER Trial	17:30 - 17:45
Extubation during ECMO: when, how and why	17:45 - 18:00
When to take a hike on ECMO	18:00 - 18:15

Pediatric Session
16:15 - 18:15 Sky 2

Uncommon ECMO indications

…. autoimmune disease	16:15 - 16:30
….pertussis when to say no and what to do if yes	16:30 - 16:45
….pulmonary embolism	16:45 - 17:00
….extraunterine intrapartum treatment /EXIT	17:00 - 17:15
… malignancies	17:15 - 17:30
… neurosurgical conditions	17:30 - 17:45
… acute liver failure	17:45 - 18:00
Roundtable	18:00 - 18:15

Nurse Session
16:15 - 18:15 Ocean 1

From inside: What I learned in my journey - determing nurses competences in ECMO

... in Great Britain	16:15 - 16:30
.... in Prague (Czech)	16:30 - 16:45
.... in Germany	16:45 - 17:00
.... in Canada	17:00 - 17:15
... in Poland	17:15 - 17:30
.... in Spain	17:30 - 17:45
... in the USA	17:45 - 18:00
Roundtable	18:00 - 18:15

Industry
18:15 - 19:00 Sky 1

Industry Symposium

Social Event
18:30 - 20:30 Exhibition Area

Get together and ELSO Center of Excellence Awards

Friday, April 25, 2025

Industry
07:30 - 08:15 Sky 1

Industry Symposium

ECPR for OHCA: A Rationale for In-Hospital vs. Out-of-Hospital Cannulation	07:30 - 07:50
The History of Pulsatility: Where Are We Today?	07:50 - 08:10

Adult Session
08:30 - 10:00 Coral 2/3

Prophylactic ECLS: the new paradigm in cardiac surgery

Timing of ECLS in cardiac surgery: before, during and after the surgery	08:30 - 08:45
What “prophylactic” ECLS means in cardiac surgery	08:45 - 09:00
Postcardiotomy ECLS techniques: a roadmap for surgeons (that intensivists should know)	09:00 - 09:15
Unloading the post-cardiotomy patient: more troubles or more techniques?	09:15 - 09:30
Special patients: ischemic mechanical complications	09:30 - 09:45
Isolated Mechanical Support for Right Ventricular Failure Prior to Heart Transplantation: Findings from the PLACE Study	09:45 - 10:00

Adult Session
08:30 - 10:00 Sky 1

Adult respiratory, proning never ending story

Prone positioning - physiological rationale	08:30 - 08:45
Which patient should we prone during VV ECMO? - patient selection	08:45 - 09:00
Ventilation during pronation: do's and don'ts	09:00 - 09:15
Nursing considerations in proning	09:15 - 09:30
Prone ECMO trial implications	09:30 - 09:45
Partial neuromuscular blockade	09:45 - 10:00

Pediatric Session
08:30 - 10:00 Sky 2

Pediatric research

ECSTATIC	08:30 - 08:45
Portable MRI and ECMO: first european experience	08:45 - 09:00
Experiences with a new cavo-atrial DLC	09:00 - 09:15
TITRE, FAST and TROLLEY - Highlights of ongoing Randomized Trials in Pediatric ECMO	09:15 - 09:30

Mimicking alveoli: fact or fiction	09:30 - 09:45
The unmet needs of the pediatric ECMO research	09:45 - 10:00

Pediatric Session
08:30 - 10:00 Ocean 1

Pediatric ECPR

Extracorporeal cardiopulmonary resuscitation for out-of-hospital cardiac arrest. A Review of the ELSO Registry	08:30 - 08:45
ECPR candidacy	08:45 - 09:00
On-site cannulation for ped ECPR	09:00 - 09:15
Challenges of ECPR in patients with CHD	09:15 - 09:30
Hypotermia in pediatric ECPR: insights from the lab	09:30 - 09:45
Long term survivorship after ECPR	09:45 - 10:00

Perfusionist Session
08:30 - 10:00 Ocean 3

Perfusion – Joint session with EBCP

Do We Know what are optimal perfusion parameters In ECPR	08:30 - 08:45
How to gain ELSO award of excellence	08:45 - 09:00
Exploring tandem ECMO-CRRT strategies in pediatric patients: a bench study	09:00 - 09:15
Nitric Oxide: Safe Circuit alteration and benefits	09:15 - 09:30
Parallel or serial oxygenators: when and how to push the boundaries of oxygenator gas transfer and ECMO circuit flow?	09:30 - 09:45
Round-table discussion	09:45 - 10:00

Educational Corner
08:30 - 13:45 Educational Corner

Educational Corner - Workshops

Workshop 2 - Capturing the trapped piece: Refractory hypoxemia during V-V ECMO for respiratory support	08:30 - 08:30
Workshop 6 - NRP - extending the boundaries of extracorporeal support after life ends	08:30 - 08:30
Workshop 7a - Pediatric - ECPR	08:30 - 08:30
Workshop 7b - Pediatric - Impella on ECMO	08:30 - 08:30

Breaks
10:00 - 11:00 Exhibition Area

Moderated ePoster Session and Break

Teach Programme / Workshop
10:00 - 10:30 Exhibition Area

Cannulation Cup

Poster Session
10:00 - 11:00 Exhibition Area

Adult - Cardiac failure 4 - Terminal 4

Identifying mortality predictors in VA-ECMO patients	10:00 - 10:05
Clinical outcomes in post-cardiotomy patients with ECMO support: insights from a single-center experience	10:05 - 10:10
Impact of ECMO as a bridge to heart transplant on mortality and complications: a multicenter study	10:10 - 10:15
Predictors of veno-arterial extracorporeal membrane oxygenation in cardiogenic shock: a single center analysis	10:15 - 10:20
Impact of Extracorporeal Membrane Oxygenation on kidney outcomes in heart transplant recipients: a retrospective cohort study	10:20 - 10:25
Analysis of survival predictors in patients who performed ECMO for OHCA	10:25 - 10:30
Longterm neurological outcome after extracorporeal cardiopulmonary resuscitation for OHCA – a cross-sectional analysis from the ECMO-Centre Regensburg	10:30 - 10:35
Benchmarking outcomes: a decade of data from a ECMO referral center	10:35 - 10:40
The impact of LV unloading strategies on outcomes in VA-ECMO patients: a meta-analysis	10:40 - 10:45
Comparative effectiveness of percutaneous coronary intervention versus coronary artery bypass grafting in patients undergoing extracorporeal membrane oxygenation for ischemic heart disease	10:45 - 10:50
Elevated red blood cell distribution width during ECMO as a predictor of 90-day mortality in postcardiotomy cardiogenic shock	10:50 - 10:55
First-day platelet count is associated with in-hospital mortality in adult postcardiotomy Extracorporeal Membrane Oxygenation	10:55 - 11:00

Poster Session
10:00 - 11:00 Exhibition Area

Adult - Cardiac failure 3 - Terminal 3

Initiation of Extracorporeal Membrane Oxygenation (ECMO) in the cardiac catheterization lab amongst a diverse patient population	10:00 - 10:05
Elevated lactate predicts VA-ECMO support in patients with submassive pulmonary embolism	10:05 - 10:10
The role of Extracorporeal Membrane Oxygenation (ECMO) support in primary graft dysfunction following heart transplantation	10:10 - 10:15
Comparison of renal outcome between patients supported with central versus peripheral VA ECMO configuration for cardiogenic shock	10:15 - 10:20
Time-dependent effects of inotrope exposure during V-A ECMO	10:20 - 10:25

support on the probability of ECMO weaning

Low molecular weight heparin in coagulation management during Extracorporeal Cardiopulmonary Resuscitation: a single-center experience 10:25 - 10:30

Meta-analysis of Extracorporeal Membrane Oxygenation in pregnancy and the post-partum period 10:30 - 10:35

CIRP exacerbates the fibrosis of myocardial infarction rats with ECMO assistance 10:35 - 10:40

Venoarterial Extracorporeal Membrane Oxygenation improves cardiac function after acute myocardial infarction Running Title: VA ECMO alleviates myocardial damage after AMI 10:40 - 10:45

Prongnostic implications of urinary NT-proBNP in patients during V-A ECMO therapy 10:45 - 10:50

Urinary NT-proBNP correlates with acute kidney injury in patients with V-A ECMO 10:50 - 10:55

Veno-arterial ECMO combined with blood purification in severe cardiocirculatory failure in anti-hypertensive drugs intoxication: a case report 10:55 - 11:00

Poster Session
10:00 - 11:00 Exhibition Area

Adult - Cardiac failure 2 - Terminal 2

Extracorporeal membrane oxygenation as a type of mechanical circulatory support in patients with end-stage heart failure 10:00 - 10:05

Effect of peripheral VA-ECMO flow variations on the pulmonary arterial occlusion pressure (PAPO) in patients with refractory cardiogenic shock: the PAPO-Flow study 10:05 - 10:10

Intra-aortic balloon pump after VA-ECMO reduces mortality in patients with cardiogenic shock 10:10 - 10:15

ECPR training effects on time to ECMO in a low volume center: an observational study 10:15 - 10:20

Veno-arterial ECMO in severe post cardiac arrest cardiogenic shock in elderly patient: a case report 10:20 - 10:25

Optimizing ECPR systems using discrete event simulation & real-time geospatial data 10:25 - 10:30

Mechanical circulatory support for post-cardiotomy shock syndrome in endocarditis: a real exit strategy or a mere illusion? 10:30 - 10:35

Impact of ECMO utilization in donation after brain death donors on heart transplantation outcomes: a single-center analysis 10:35 - 10:40

Development and successful implementation of a “Patient Controlled Retrograde Trial Off” (PCRTO) policy in adult veno-arterial ECMO: a first in Nevada 10:40 - 10:45

Comprehensive proteomic and metabolomic profiling to predict neurological outcomes in extracorporeal cardiopulmonary resuscitation 10:45 - 10:50

Life satisfaction and return to work after Extracorporeal 10:50 - 10:55

Cardiopulmonary Resuscitation (ECPR)

Six-month outcomes following temporary mechanical circulatory support for acute ischemic and non-ischemic cardiogenic shock 10:55 - 11:00

Poster Session
10:00 - 11:00 Exhibition Area

Adult - Other 1 - Terminal 6

Impact of Cannula-Associated Deep Vein Thrombosis in surviving ECMO patients – a single site Australian experience 10:00 - 10:04

Navigating the complexities of transcontinental ECMO air transport: insights and key strategies from a case series by Hamad Medical Corporation in Qatar 10:04 - 10:08

Sepsis-ECMO score in patients receiving ECMO support for sepsis: an analysis of the nationwide CSECLS database in China 10:08 - 10:12

Utilization of donor hearts with extracorporeal corporeal membrane oxygenation support in South Korea 10:12 - 10:16

Utilization of organs from donors on extracorporeal corporeal membrane oxygenation support: a single-center retrospective study 10:16 - 10:20

Optimizing nutrition during ECMO: the role of early enteral feeding and protein targets 10:20 - 10:24

Managing bleeding complications in ECMO patients: the role of a manual compression device 10:24 - 10:28

Percutaneous decannulation using Perclose ProGlide in extracorporeal membrane oxygenation: a valuable technique, but not for everyone 10:28 - 10:32

Development of persistent severe acute kidney injury during extracorporeal membrane oxygenation: a retrospective cohort study 10:32 - 10:36

Red blood cell expenditure in ECMO patients. What can we do differently? 10:36 - 10:40

Microbiological profile and clinical impact of nosocomial infections in patients undergoing postcardiotomy Veno-Arterial Extracorporeal Membrane Oxygenation support 10:40 - 10:44

Impact of continuous renal replacement therapy in patients requiring VV-ECMO: a 16-year single-center experience 10:44 - 10:48

S100B as predictor for cerebral insult during extracorporeal life support: a retrospective analysis 10:48 - 10:52

ECMO hemofilter replacement - 7 year analysis of indications and impact on survival 10:52 - 10:56

Maternal outcomes following ECMO: a 13-year experience of a high-volume UK centre 10:56 - 11:00

Poster Session
10:00 - 11:00 Exhibition Area

Adult - Respiratory failure 1 - Terminal 7

Awake veno-venous extracorporeal membrane oxygenation for acute respiratory failure patients 10:00 - 10:04

Early human albumin administration is associated with reduced mortality in septic shock patients with acute respiratory distress syndrome: a retrospective study from the MIMIC-III database	10:04 - 10:08
A prognostic study of sepsis-induced acute respiratory distress syndrome in elderly patients using clinical and CT imaging radiomic features	10:08 - 10:12
The awake veno-venous extracorporeal membrane oxygenation strategy in COVID-19 patients: outcomes from the EuroECMO COVID observational study	10:12 - 10:16
Extracorporeal Membrane Oxygenation (ECMO) in potentially fatal asthma: a case report and reflection on its current relevance	10:16 - 10:20
High-flow nasal oxygen for hypoxic patients with COVID-19: a systematic review and meta-analysis of randomized clinical trials	10:20 - 10:24
Helmet continuous positive airway pressure as noninvasive ventilation for COVID-19 patients: a systematic review and meta-analysis of randomized trials	10:24 - 10:28
Awake Veno-venous Extracorporeal Membrane Oxygenation with Invasive and Non-invasive Mechanical Ventilation: an observational analysis from the EuroECMO COVID Study	10:28 - 10:32
Sex differences in outcomes of acute respiratory distress syndrome patients supported with venovenous extracorporeal membrane oxygenation	10:32 - 10:36
Femoral dual-lumen cannula for $ECCO_2R$ in hypercapnic respiratory failure: efficacy and safety evaluation	10:36 - 10:40
SAPS3 and lactate as key predictors of mortality in critically Ill ICU patients	10:40 - 10:44
ECMO referrals from a remote district general hospital in the UK	10:44 - 10:48
Ventilatory ratio improves mortality risk assessment over RESP and PRESERVE scores in obese VV-ECMO patients: a single-center retrospective study	10:48 - 10:52

Poster Session
10:00 - 11:00 Exhibition Area

Adult - Respiratory failure 2 - Terminal 8

Successful management of severe thoracic trauma and ARDS with prolongedecmo support: a case of multidisciplinary intervention in a 29-year-old motorcycleaccident victim	10:00 - 10:04
UK single-centre experience using ECMO as bridge to lung transplant between 2009-2024	10:04 - 10:08
Veno-Venous ECMO in trauma-induced respiratory failure: lessons from three cases	10:08 - 10:12
Haemostatic changes following ECMO circuit replacement in adult patients with COVID-19: an exploratory retrospective study	10:12 - 10:16
Awake Veno-venous ECMO as a bridge to recovery post pneumonectomy with severe respiratory failure - a case review	10:16 - 10:20
Carbon dioxide removal by oxygenated dialysis fluid: extra gas transfer in a combined lung and kidney assist device	10:20 - 10:24

Data-driven subphenotyping of ARDS patients on VV-ECMO: enhancing personalized therapy	10:24 - 10:28
A novel artificial lung device with integrated kidney support (RenOx) – From clinical needs to prototype	10:28 - 10:32
Comparative analysis of VV ECMO outcomes in COVID-19 and non-COVID ARDS: a 5-year retrospective study	10:32 - 10:36
Hemodynamic improvement in refractory respiratory failure after VV ECMO implantation: the experience of a referral center	10:36 - 10:40
Long-term outcomes and quality of life after VV ECMO support for ARDS	10:40 - 10:44
Mortality in low-dose versus standard-dose unfractionated heparin anticoagulation for Extracorporeal Membrane Oxygenation: an updated systematic review and meta-analysis	10:44 - 10:48
Predicting mortality in ECMO patients: a retrospective analysis of clinical variables	10:48 - 10:52
Association between Venovenous ECMO and right ventricular dysfunction in ARDS patients: a multicenter retrospective propensity-matched study	10:52 - 10:56

Poster Session
10:00 - 11:00 Exhibition Area

Fundamental and laboratory research 1 - Terminal 9

Changes of Systemic Vascular Resistance (SVR) and Effective Arterial elastance (Ea) with variable flows of mechanical circulatory support	10:00 - 10:06
Effect of Systemic Vascular Resistance (SVR) and Effective Arterial Elastance (Ea) on Stroke Work (SW) during Mechanical Circulatory Support (MCS)	10:06 - 10:12
Prototypization of a biological mannequin for percutaneous cannulation training	10:12 - 10:18
The effect of mesenchymal stromal cell infusion on extracorporeal membrane oxygenation system performance, a preclinical safety pig study	10:18 - 10:24
In-vitro thrombogenicity assessment of ECLS oxygenators	10:24 - 10:30
Gut microbiota-derived p-cresol sulfate mediates liver injury during ECMO-assisted NRP in DCD liver transplantation	10:30 - 10:36
Captopril alleviates renal injury and inflammation by inhibiting NF-κB signaling pathway during venoarterial extracorporeal membrane oxygenation	10:36 - 10:42
Veno-Venous Extracorporeal Membrane Oxygenation exacerbates lung ischemia-reperfusion injury in a rat model	10:42 - 10:48
The effect of veno-venous extracorporeal membrane oxygenation on pulmonary vascular resistance in an animal model of moderate to severe acute respiratory distress syndrome	10:48 - 10:54

Poster Session
10:00 - 11:00 Exhibition Area

Pediatric - Cardiac failure - Terminal 10

Out of ECMO center refractory cardiac arrest in children: a retrospective multicenter analysis of a regional care program	10:00 - 10:04
Outcomes after Extracorporeal Cardiopulmonary Resuscitation (ECPR) in a paediatric tertiary centre	10:04 - 10:08
Successful management of thrombosis and bleeding in an infant on ECMO with factor V Leiden and acquired factor XIII deficiency	10:08 - 10:12
Understanding variations in systems and clinical practice - EuroELSO paediatric E-CPR survey	10:12 - 10:16
Outcome of single-ventricle patients supported with Extracorporeal Membrane Oxygenation	10:16 - 10:20
Nutrition intakes and bowel management of paediatric patients on ECMO at CHI at Crumlin	10:20 - 10:24
Survival in adolescent young people and ability to return to school beyond 1 year after extracorporeal life support for severe acute heart failure	10:24 - 10:28
Nutritional support differences in postoperative ECMO assistance for Congenital Heart Disease	10:28 - 10:32
Left ventricular decompression in pediatric Veno-Arterial Extracorporeal life support: reviewing the evidence	10:32 - 10:36
The management of PaO2 in paediatric patients following initiation of ECPR	10:36 - 10:40
Carotid cannulation is associated with increased neurologic complications compared to femoral cannulation in children undergoing extracorporeal cardiopulmonary resuscitation	10:40 - 10:44
Clinical outcomes in pediatric patients requiring extracorporeal life support: a single-center experience	10:44 - 10:48
A surprising case of invasive group A streptococcal (iGAS) disease	10:48 - 10:52

Poster Session
10:00 - 11:00 Exhibition Area

Pediatric - Other 1 - Terminal 11

The incidence of blood stream infection in BCCH pediatric ECLS patients up to 18 years. A 5 year review	10:00 - 10:04
Clinical use of the UK and Ireland consensus document for early rehabilitation and mobilisation of neonatal and paediatric ECMO patients	10:04 - 10:08
Innovative neonatal therapy: Artificial Placenta (ArtPlac) providing combined lung and kidney support	10:08 - 10:12
FSS at discharge predicts global adaptive development in pediatric patients after ECMO	10:12 - 10:16
Critical Hematology Oncology Referral Pathway for Extracorporeal Life Support (CHORPE): retrospective review	10:16 - 10:20
Pediatric hemopoietic cell transplant patients on ECMO:	10:20 - 10:24

preliminary analysis of a multicenter, retrospective cohort	
Ultrasound vessel mapping: a useful but imperfect tool for estimating cannula fit	10:24 - 10:28
Review of daily paediatric ECMO circuit blood cultures	10:28 - 10:32
Organ donation in pediatric patients following controlled asystole: a single center experience	10:32 - 10:36
Predictors of brain infarction in pediatric patients on extracorporeal membrane oxygenation	10:36 - 10:40
ECMO in paediatric septic shock: 14 year perspective	10:40 - 10:44
Awake ECMO in pediatric patients: a single centre experience	10:44 - 10:48
Feasibility and safety of prone positioning on ECMO in children	10:48 - 10:52

Poster Session
10:00 - 11:00 Exhibition Area

Pediatric - Respiratory failure & Other - Terminal 12

Repeated extracorporeal membrane oxygenation for congenital diaphragmatic hernia patients	10:00 - 10:04
Utility of Electroencephalogram (EEG) and description of EEG abnormalities in relation to neuroimaging findings and clinical outcomes in Paediatric ECMO: a single center experience	10:04 - 10:08
High-fidelity simulation to initiate a pediatric program in a tertiary center with an established adult regional program	10:08 - 10:12
Infections in neonatal and pediatric patients receiving Extracorporeal Membrane Oxygenation support	10:12 - 10:16
Instilled and nebulised N-acetylcysteine to improve airway clearance in neonatal and paediatric ECMO patients	10:16 - 10:20
Extracorporeal Membrane Oxygenation support in neonates with Hypoxic-Ischemic Encephalopathy	10:20 - 10:24
When is the tipping point to cannulate? Cannulation Criterion for VV ECMO cannulation for ARDS patients in the PICU	10:24 - 10:28
Use of extracorporeal membrane oxygenation (ECMO) as a bridge to pediatric lung transplantation: a single center experience	10:28 - 10:32
Percutaneous multisite cannulation for veno-venous extracorporeal membrane oxygenation in neonates with refractory respiratory failure	10:32 - 10:36
Treatment of pneumothorax with Extracorporeal Membrane Oxygenation, spontaneous respiration and prone positioning in a neonate	10:36 - 10:40
Clinical characteristics and outcomes in neonates with respiratory failure requiring Venoarterial Extracorporeal Membrane Oxygenation support in Taiwan	10:40 - 10:44
Inflammatory markers during extracorporeal membrane oxygenation in neonates with congenital diaphragmatic hernia	10:44 - 10:48
Utilization of Airway Pressure Release Ventilation (APRV) as	10:48 - 10:52

resting ventilator strategy in patients on ECMO: a case series

Poster Session
10:00 - 11:00 Exhibition Area

Perfusion, technology and innovation 1 - Terminal 13

A comparative computational hemodynamics study on cannulation configurations for venovenous ECMO	10:00 - 10:06
Active infection, not antithrombin III deficiency, as a key risk factor for heparin resistance in cardiovascular surgery	10:06 - 10:12
From design conception to the first clinical use of the new Polymethylpentene CMO8 membrane oxygenator	10:12 - 10:18
Retrospective study of Extracorporeal Membrane Oxygenation (ECMO) transports in Türkiye	10:18 - 10:24
Innovative Physiological Oxygenator with an Organic Membrane Featuring Pore-Forming, Anti-Inflammatory, and Anticoagulant Properties	10:24 - 10:30
Comparison of the VIVE In-Line Monitor (ILM) and the Terumo CDI 500 with the Radiometer ABL80 FLEX	10:30 - 10:36
The development of a training needs based neonatal cannulation simulator	10:36 - 10:42
A Training needs analysis to provide fundamentals for a well-designed simulation-based Extracorporeal membrane oxygenation simulator	10:42 - 10:48
Extracorporeal Membrane Oxygenation with Mechanical Circulatory Support: Early Report of a Novel Platform Technology	10:48 - 10:54

Poster Session
10:00 - 11:00 Exhibition Area

Moderated Poster walk 10:00

Poster Session
10:00 - 11:00 Exhibition Area

Quality of care improvement 1 - Terminal 14

Development of a novel neonatal hypertension management protocol on ECMO	10:00 - 10:06
Adapting Airline CRM techniques to ECMO training: CCRM and the I-PREP framework	10:06 - 10:12
Debriefing after ECPR: creation of a fast lane for healthcare professionals	10:12 - 10:18
Mid to long-term outcomes and associated risk factors for foot drop following ECMO – a single site Australian experience	10:18 - 10:24
Which antithrombotic therapy in patients supported with microaxial flow pump after acute myocardial infarction cardiogenic shock? The experience of a referral center	10:24 - 10:30
Achieving weight reduction in VA ECMO: survival and neurological benefits	10:30 - 10:36

Somatosensory evoked potentials after CPR and ECPR and its comparison to CT and pupillometry 10:36 - 10:42

Survival model in ECPR patients treated with veno-arterial ECMO with cardiogenic shock: HALT risk score 10:42 - 10:48

Optimizing ECMO handover: a FMECA-based approach to improve patient safety 10:48 - 10:54

Poster Session
10:00 - 11:00 Exhibition Area

Adult - Cardiac failure 1 - Terminal 1

Utilization of venoarterial extracorporeal membrane oxygenation in septic cardiomyopathy: a systematic review of fifteen studies 10:00 - 10:05

Extracorporeal Cardiopulmonary Resuscitation (ECPR) candidacy in practice: a retrospective analysis on decision-making 10:05 - 10:10

CytoSorb® hemadsorption in patients on VA-ECMO: a report from the International, Prospective COSMOS Registry 10:10 - 10:15

Organ utilization from donors following extracorporeal cardiopulmonary resuscitation 10:15 - 10:20

Gender disparities in In-hospital outcomes following extracorporeal cardiopulmonary resuscitation: a propensity score-matched analysis 10:20 - 10:25

Timing of ECLS in adult patients undergoing cardiac surgery: intra vs. postoperative initiation 10:25 - 10:30

Heart failure subphenotypes based on mean arterial pressure trajectory identify patients at increased risk of acute kidney injury 10:30 - 10:35

VA-ECMO as a bridge to recovery after rescue right coronary bypass in the intensive care unit 10:35 - 10:40

VA-ECMO as a bridge to heart transplant in a high -volume center: the Piedmont experience 10:40 - 10:45

Identification of prognostic parameters for the development of a decision support tool for out-of-center VA ECMO indication 10:45 - 10:50

Poster Session
10:00 - 11:00 Exhibition Area

Adult - Difficult cases 1 - Terminal 5

A single centre experience of Rapidly Progressive Interstitial Lung Disease associated with Anti MDA5 Dermatomyositis supported with Veno-venous ECMO 10:00 - 10:05

Peripheral VA-ECMO in Dengue cardiogenic shock: a case report 10:05 - 10:10

Bridging critical care: enhancing team confidence and safety in managing traumatic brain injury with intracranial pressure monitoring on VV ECMO 10:10 - 10:15

Acute aorta dissection during ECMO after heart transplantation 10:15 - 10:20

Extracorporeal membrane oxygenation-assisted cardiopulmonary resuscitation in patients with Acute Coronary Syndrome (ACS) associated cardiac arrest 10:20 - 10:25

Awake V-A ECMO as a bridge to heart-lung transplantation in a patient affected by einsenmenger's syndrome and complicated by Harlequin syndrome	10:25 - 10:30
Innominate vein open cannulation in a patient requiring veno-venous extracorporeal membrane oxygenation	10:30 - 10:35
Dual Veno-Venous ECMO: a lifeline for refractory hypoxemia – a case study and lessons learned	10:35 - 10:40
Two parallelly connected ECMO circuits significantly Reduce Pump Speed (RPM) and thrombocytopenia: a novel approach to the treatment of ECMO-associated severe coagulopathy	10:40 - 10:45
VA-ECMO as a Life-Saving intervention in post-TAVI complications: a case report	10:45 - 10:50
The role of ECMO in the multidisciplinary approach to critical airway obstruction: a case of tuberculosis-associated tracheal stenosis	10:50 - 10:55
Beyond ECPR: a case report of a complex ECPella management	10:55 - 11:00

Teach Programme / Workshop
10:30 - 11:00 Exhibition Area

Escape Room

Plenary Session
11:00 - 12:30 Coral 2/3

Multidisciplinary plenary session

Keynote Lecture: Cardio-circolatory-respiratory physiology and complications in the "Homo Caelestis"	11:00 - 11:30
Artifical lung - fact or fiction	11:30 - 11:50
ECMO Discontinuation: Navigating the Maze of Uncertainty	11:50 - 12:10
Follow-up results of patients supported with ECMO for COVID-19 fromthe second wave to the end of pandemic - EuroECMO-COVID study	12:10 - 12:30

Industry
12:45 - 13:45 Coral 2/3

Industry Symposium

Industry
12:45 - 13:45 Sky 1

Industry Symposium

Easier, Smarter ECMO	12:45 - 13:45

Industry
12:45 - 13:45 Ocean 1

Industry Symposium

Eurosets WELCOME	12:45 - 12:50
ECPR, OHCA experience with COLIBRI	12:50 - 13:00

Validation and Applications of Landing ADVANCE in VV-ECMO: Enhancing Patient Outcomes	13:00 - 13:10
LANDING ADVANCE: Next-Gen Monitoring for Enhanced Performance and Outcomes	13:10 - 13:20
COLIBRI: Paving the Way for Better Outcomes in Newborn Care	13:20 - 13:30
Optimizing the VA ECMO with Advanced monitoring system combined with COLIBRI	13:30 - 13:40
Eurosets CLOSING	13:40 - 13:45

Adult Session
14:00 - 16:00 Coral 2/3

ECPR – improving outcomes

Longterm outcome of ECPR	14:00 - 14:15
How old is too old? Practical and ethical aspects of cannulating elderly patients	14:15 - 14:30
Risk of developing lower limb ischemia in ECPR patients: a secondary analysis of the SAVE-J II study	14:30 - 14:45
From futility to organ donation after ECPR	14:45 - 15:00
Challenges in nursing process	15:00 - 15:15
Abdominal complications after ECPR	15:15 - 15:30
The role of the follow-up clinic for ECPR survivors	15:30 - 15:45
Onsite ECPR program during sport events - the debate	15:45 - 16:00

Adult Session
14:00 - 16:00 Sky 1

Upcoming indications and unusual cases

Cardiac contusion, post trauma cardiogenic shock	14:00 - 14:15
ECLS as support for difficult airways management or thoracic surgery	14:15 - 14:30
Circulatory support in repiratory diagnoses: lesson learnt from COVID-19	14:30 - 14:45
Myocarditis	14:45 - 15:00
Physiology and nomenclature of dual circulation during venoarterial ECMO in adults	15:00 - 15:15
ECMO in massive pulmonary embolism - a new paradigm	15:15 - 15:30
A cannula in the pulmonary artery: a fancy fashion or a real need?	15:30 - 15:45
A Postpartum Journey from VA-ECMO to Transplant	15:45 - 16:00

Interdisciplinary Session
14:00 - 16:00 Sky 2

The Mother and Child

ECLS in pregnant patients	14:00 - 14:15
Is there a good time for delivery? The gynecologist point of view	14:15 - 14:30
Is there a good time for delivery? The neonatologist point of view	14:30 - 14:45
Monitoring fetal viability during ECMO	14:45 - 15:00
Neonatal Outcomes following maternal antepartum ECLS	15:00 - 15:15
Cardiogenic shock in pregnancy	15:15 - 15:30
ECLS as a bridge to delivery in brain death pregnant women	15:30 - 15:45
Round-table discussion	15:45 - 16:00

Pediatric Session
14:00 - 16:00 Ocean 1

Pediatric CDH

Prenatal therapy - fetal endoscopic tracheal occlusion (FETO)	14:00 - 14:15
Ventilatory strategies before ECMO	14:15 - 14:30
"Heart of the matter" protecting the heart in CDH	14:30 - 14:45
Case Series CDH	14:45 - 15:00
ECMO VA vs VV in CDH	15:00 - 15:15
Timing for surgery: let's think to an hybrid approach	15:15 - 15:30
Monitoring cerebral autoregulation in CDH patients receiving ECMO	15:30 - 15:45
Is there a number needed to treat to prevent death on ECMO	15:45 - 16:00

Interdisciplinary Session
14:00 - 16:00 Ocean 3

Utilizing the ELSO registry for for scholarly work and future AI research

Strenghts and limitations of the ELSO Registry	14:00 - 14:15
Utilization of the registry to design studies answering both, clinical and quality questions	14:15 - 14:30
The years 2023/24 in review - highlighting pediatrics publications from the ELSO Registry	14:30 - 14:45
The years 2023/24 in review - highlighting adult publications from the ELSO Registry	14:45 - 15:00
Artificial intelligence (AI) based prediction models for in hospital mortality in patients undergoing extracorporeal life support for post cardiotomy shock	15:00 - 15:15
Utilization of artificial intelligence and deep learning for ELSO Registry analyses and critical appraisal of the methodology - previous studies	15:15 - 15:30
Artificial intelligence driven platform to guide PRBC transfusion in respiratory ECMO support using PROTECMO dataset - EuroELSO grant 2023	15:30 - 15:45

Round-table discussion: Questions and suggestions for how to improve ELSO Scientific Overview Committee processes for proposal review 15:45 - 16:00

Educational Corner
14:00 - 18:30 Educational Corner

Educational Corner - Workshops

Workshop 3 - ECMO circuit troubleshooting : looking through the eyes of the perfusionist 14:00 - 14:00

Workshop 4 - Managing complications of VA ECMO – including Harlequin, LV distension and moving to VA-V hybrid circuits. 14:00 - 14:00

Workshop 5a - How to debrief during ECMO simulation 14:00 - 14:00

Workshop 5b - Ultrasound support during ECMO run 14:00 - 14:00

Workshop 5c - ECMO transportation 14:00 - 14:00

Workshop 7c - Crescent 14:00 - 14:00

Workshop 7d - Double site VV cannulation 14:00 - 14:00

Workshop 7e - Air Transport on ECMO 14:00 - 14:00

Workshop 8 - Haemofiltration and plasma exchange on ECMO made easy! 14:00 - 14:00

Poster Session
16:00 - 17:00 Exhibition Area

Fundamental and laboratory research 2 - Terminal 9

Compound J2 alleviates VV-ECMO-induced brain injury by inhibiting HSPB1 16:00 - 16:06

Dexrazoxane attenuates Blood-Brain Barrier injury during Venoarterial Extracorporeal Membrane Oxygenation 16:06 - 16:12

Veno-arterial extracorporeal membrane oxygenation alleviates kidney injury of septic shock by regulating HIF-1α mediated ferroptosis 16:12 - 16:18

Effects of extracorporeal support on non-ventilated lung injury: an experimental study 16:18 - 16:24

Recirculation dynamics and mixed venous oxygen saturation during Veno-Venous ECMO: insights from an animal study 16:24 - 16:30

Aortic arch morphology: its impact on subclavian or axillary artery cannulation in Extracorporeal Membrane Oxygenation (V-$A_{a/s}$ -ECMO) 16:30 - 16:36

Right or left axillary/subclavian artery access for V-A ECMO: new preliminary insights from fluid dynamic simulations 16:36 - 16:42

The impact of systemic flow and arterial pressure on organ perfusion during V-A ECMO support in a porcine model of cardiac arrest 16:42 - 16:48

Poster Session
16:00 - 17:00 Exhibition Area

Adult - Cardiac failure 5 - Terminal 1

Impact of obesity on outcomes in patients receiving Extracorporeal Membrane Oxygenation: a updated systematic review and meta-analysis	16:00 - 16:05
Cannulation strategies for Veno-arterial Extracorporeal Membrane Oxygenation as a bridge to heart transplant: complications and outcomes	16:05 - 16:10
Impact of timing of invasive mechanical ventilation in cardiogenic shock patients submitted to veno-arterial extracorporeal membrane oxygenation	16:10 - 16:15
Clinical outcome and functional mobility improvement in patients supported on Impella as a bridge to heart transplant after prehabilitation: a retrospective cohort study	16:15 - 16:20
VA-ECMO may support right ventricular recovery in patients with massive and submassive pulmonary embolism	16:20 - 16:25
Evaluating Physiotherapy interventions and barriers to treatment for patients on Mechanical Circulatory Support: a service review at Royal Papworth Hospital (RPH)	16:25 - 16:30
Heart transplant with a donor and a recipient on Venoarterial Extracorporeal Membrane Oxygenation: a case report	16:30 - 16:35
Predicting the timing of VA-ECMO weaning in cardiogenic shock patients based on the machine learning models derived from CADFlow ultrasound indicators	16:35 - 16:40
Venoarterial ECMO as a bridge to transplant: life-saving or risky choice?	16:40 - 16:45
Critical Threshold of Vasoactive Inotropic Score for mortality prediction in ECMO Veno Arterial (VA) patients	16:45 - 16:50
Early exposure to hyperoxia and 28-day mortality in adult patients with cardiogenic shock supported by VA-ECMO: an analysis of nationwide CSECLS database in China	16:50 - 16:55

Poster Session
16:00 - 17:00 Exhibition Area

Moderated Poster walk 16:00

Poster Session
16:00 - 17:00 Exhibition Area

Adult - Cardiac failure 6 - Terminal 2

Right ventricular support with ProtekDuo® cannula in acute right heart failure: a single-center experience	16:00 - 16:05
VA-ECMO circuit component decision matters: investigating the impact of cannula size on ECMO components and hemodynamics in an in-silico clinical trial	16:05 - 16:10
VA-ECMO support for refractory cardiogenic shock: the Florence VA-ECMO registry	16:10 - 16:15
VA-ECMO support for refractory cardiac arrest: the Florence ECPR registry	16:15 - 16:20

Outcomes and prognostication after prolonged (>7 days) V-A ECMO support in the PRECISE-ECLS study	16:20 - 16:25
Serum neuronal biomarkers between CPR and ECMO-CPR: a pilot study	16:25 - 16:30
Percutaneous cannulation for femoral veno-arterial ECMO associated with lower rates of cannulation site bleeding and infection than with open surgical cut down technique	16:30 - 16:35
Progression, associated factors and outcome of left ventricular overload in venoarterial extracorporeal membrane oxygenation	16:35 - 16:40
VA-ECMO with adjunct catheter-directed therapy for RV unloading in acute submassiv pulmonary embolism. Case presentation	16:40 - 16:45
High-risk pulmonary embolism rescued by Veno-arterial Extracorporeal Membrane Oxygenation	16:45 - 16:50
Database and geospatial mapping study of those eligible for extracorporeal cardiopulmonary resuscitation in the Thames Valley Region of England	16:50 - 16:55
Impact of initial VA-ECMO flow-index on organ failure and outcomes in refractory cardiogenic shock: a retrospective analysis	16:55 - 17:00

Teach Programme / Workshop
16:00 - 16:30 Exhibition Area

Cannulation Cup

Poster Session
16:00 - 17:00 Exhibition Area

Quality of care improvement 2 - Terminal 14

Mechanical life support algorithm for emergency management of patient receiving extracorporeal membrane oxygenation	16:00 - 16:05
Implementation of a stepwise, multimodal departmental sedation and analgesia protocol for adults receiving Extracorporeal Membrane Oxygenation	16:05 - 16:10
ELSO Train-the-Trainer course - survey for education need	16:10 - 16:15
ECPR implementation: the supporting cast	16:15 - 16:20
Environmental Iimpact of ECMO treatment: a quantitative analysis of disposable consumption	16:20 - 16:25
ECMO onsite: results from the very early phase of the Pavia pre-hospital eCPR program	16:25 - 16:30
Rationalising blood cultures for paediatric patients on ECMO using a Bright STAR algorithm	16:30 - 16:35
A single centre’s journey in improving neonatal and paediatric extracorporeal cardiopulmonary resuscitation outcomes	16:35 - 16:40
i-CheckECMO: A Tool to Augment the Safety of ECLS Care under a Multidisciplinary Approach	16:40 - 16:45
ECPR: (How) can we reduce time from cardiac arrest to ECMO initiation? A single-centre Quality improvement project	16:45 - 16:50

Embedding app based solutions for Extracorporeal Membrane Oxygenation (ECMO) team activation in an Extracorporeal Cardiopulmonary Resuscitation (ECPR) service 16:50 - 16:55

Poster Session
16:00 - 17:00 Exhibition Area

Adult - Cardiac failure 7 - Terminal 3

Clinicians' experience of barriers and facilitators to care delivery of an extracorporeal cardiopulmonary resuscitation service for out-of-hospital cardiac arrest: a qualitative survey 16:00 - 16:05

Improving quality and outcomes of Extra Corporeal Cardiopulmonary Resuscitation in refractory cardiac arrest 16:05 - 16:10

Impact of institutional protocols and frequent hands-on training on outcomes in left-sided microaxial flow pump supported cardiogenic shock patients 16:10 - 16:15

POST-resuscitation care of patients receiving eCPR 16:15 - 16:20

Rates and limitations of organ donation from patients receiving mechanical circulatory support 16:20 - 16:25

Sex-based differences in cardiogenic shock patients with veno-arterial extracorporeal membrane oxygenation support 16:25 - 16:30

Mixed venous to arterial pCO_2-gap is poorly correlated to cardiac index in 1526 pulmonary artery catheter monitored critically ill patients 16:30 - 16:35

Right ventricular performance in patients with refractory cardiogenic shock supported by VA-ECMO: prognostic correlations and outcomes 16:35 - 16:40

Platelet reactivity: FIBTEM and outcome measures: Is there a correlation on patients on Veno Arterial ECMO 16:40 - 16:45

Managing the acute cardiac functional crisis: a comprehensive review of cardiogenic shock management strategies 16:45 - 16:50

PCRTO - The standard of care for V-A ECMO weaning? 16:50 - 16:55

Structured review of subclavian or axillary cannulation for Extracorporeal Membrane Oxygenation (V-$A_{a/s}$-ECMO) 16:55 - 17:00

Poster Session
16:00 - 17:00 Exhibition Area

Perfusion, technology and innovation 2 - Terminal 13

ECMOve: advancing ECMO patient mobility through innovative design 16:00 - 16:06

Low molecular weight heparin (Enoxaparin) as alternative way of ECMO anticoagulation 16:06 - 16:12

Hemadsorption in patients with and without ECMO support: which role of circuit configuration? 16:12 - 16:18

Harnessing artificial intelligence in ECMO: a systematic review and meta-analysis of predictive models and decision-making applications 16:18 - 16:24

Using suture-mediated closure device for Extracorporeal Membrane Oxygenation (ECMO) decannulation: a single-center experience of post-closing technique	16:24 - 16:30
Transit time flow measurement of distal limb perfusion catheter in Extracorporeal Membrane Oxygenation patient with Transonic FlowXL	16:30 - 16:36
Use of adaptive flow VA-ECMO in the context of cardiogenic shock swine model	16:36 - 16:42
SIRS after decannulation from ECMO: preliminary data of a referral center	16:42 - 16:48
Poor concordance of activated clotting time values measured with two point of care devices during extracorporeal circulation for cardiac surgery	16:48 - 16:54
Rationale, technique, feasibility & safety of cold preservation solution administration through the extracorporeal circuit in DCD donors undergoing normothermic regional perfusion	16:54 - 17:00

Poster Session
16:00 - 17:00 Exhibition Area

Adult - Difficult cases 2 - Terminal 5

Management of Patent Foramen Ovale-related platypnea-orthodeoxia syndrome with veno-venous extracorporeal membrane oxygenation (vv-ECMO): a case report	16:00 - 16:04
Mechanical complications of acute myocardial infarction: a case of ECLS bridge to transplant with unexpected outcome	16:04 - 16:08
Subtherapeutic voriconazole plasma levels after membrane exchange; a call for further research to define therapeutic strategies for severe fungal infection	16:08 - 16:12
Outcomes of patients supported by concurrent CRRT and ECMO: a five year single center study	16:12 - 16:16
VA-ECMO as a rescue strategy for refractory septic shock and hyperthermia: a case report	16:16 - 16:20
Successful use of extracorporeal life support as a bridge to cardiac surgery in severe polytrauma patient	16:20 - 16:24
A 15 centimeter ECMELLA-related aortic thrombus in a d-LVAD patient, successfully treated with the Inari FlowTriever System	16:24 - 16:28
Awake Venovenous Extracorporeal Membrane Oxygenation for refractory hypoxemia from Intracardiac shunt	16:28 - 16:32
ECMO as bridge to antidote in Hydrogen sulphide poisoning	16:32 - 16:36
The oxygen delivery villain: a mystery within the ECMO circuit	16:36 - 16:40
VA-ECMO as bridge to recovery in a woman with primary mediastinal large b-cell lymphoma at 37 weeks of pregnancy: a case report	16:40 - 16:44
Rescue venovenous ECMO for acute plastic bronchitis after re-do sternotomy for adult congenital heart valvulopathies	16:44 - 16:48
MDA5 mystery: a curious case of rapid-onset rheumatologic	16:48 - 16:52

interstitial lung disease requiring VV-ECMO

New mom, new lungs: a postpartum journey from VA-ECMO to transplant 16:52 - 16:56

Poster Session
16:00 - 17:00 Exhibition Area

Adult - Other 2 - Terminal 6

Prognosis factor and clinical outcomes of Veno-Venous Extracorporeal Membrane within second peak phase (6-24 hours) for severe trauma: single trauma center cohort study 16:00 - 16:04

Hemoglobin threshold for red blood cell transfusion in ECMO patients: 4-year single-center experience 16:04 - 16:08

Factors related to mortality of adult patients submitting the use of Extracorporeal Membrane Oxygenation: retrospective cohort study 16:08 - 16:12

Clinical outcomes of different anticoagulation strategies in Extracorporeal Membrane Oxygenation: a systematic review and meta-analysis 16:12 - 16:16

Single-center study on ECPR for OHCA: neurological and survival outcomes 16:16 - 16:20

Body composition as a predictor of mortality in ECMO patients: insights from abdominal CT imaging 16:20 - 16:24

The association between body composition and functional recovery in ECMO Patients: insights from AMPAC scores 16:24 - 16:28

Complications are associated with mortality among patients cannulated for E-CPR: a single center experience 16:28 - 16:32

Two-year outcomes of ECPR: evaluating program implementation 16:32 - 16:36

Physical and psychological outcomes in ECMO patients compared to non-ECMO ICU survivors: a cohort study 16:36 - 16:40

Factors related to Acute Kidney Injury in patients undergoing extracorporeal membrane oxygenation: retrospective cohort study 16:40 - 16:44

Reasons for death in patients receiving ECPR for refractory out-of-hospital cardiac arrest 16:44 - 16:48

Comparing traditional and ai-enhanced approaches to teaching ECMO: a study on effectiveness and outcomes 16:48 - 16:52

Vascular thrombosis after ECMO: a retrospective analysis of 127 patients with V-V, V-A, and hybrid configurations 16:52 - 16:56

Pre-ECMO creatinine and GFR as predictors of acute kidney injury: unveiling key risk factors for post-ECMO outcomes 16:56 - 17:00

Impact of targeted temperature management on outcome in the patients with extracorporeal cardiopulmonary resuscitation: a retrospective analysis of a nationwide multicenter study in South Korea 17:00 - 17:04

Poster Session
16:00 - 17:00 Exhibition Area

Adult - Respiratory failure 3 - Terminal 7

The impact of age on outcomes of patients supported with veno-venous extracorporeal membrane oxygenation during SARS-CoV2 pandemic: insight from a multicentre, prospective observational study (EuroECMO-COVID)	16:00 - 16:04
Duration of invasive mechanical ventilation before veno-venous extracorporeal membrane oxygenation in COVID-19 patients: the EuroECMO-COVID observational study	16:04 - 16:08
Long-run Veno-venous Extracorporeal Membrane Oxygenation: lights and shadows from the EuroECMO-COVID observational study	16:08 - 16:12
Sex differences in patients requiring Veno-venous Extracorporeal Membrane Oxygenation: a multicentre, prospective observational study (EuroECMO-COVID)	16:12 - 16:16
Venovenous ECMO for acute chest crisis in a patient with sickle cell trait post cardiopulmonary bypass	16:16 - 16:20
Blood trauma in Veno-venous Extracorporeal Membrane Oxygenation: low pump pressures and low circuit resistance matter	16:20 - 16:24
Neurological complications in COVID-19 patients supported with Extracorporeal Membrane Oxygenation: Euro-ECMO COVID observational multicenter study	16:24 - 16:28
Retrospective analysis of pediatric ECMO outcomes at InCor: median, confidence intervals and predictive factors	16:28 - 16:32
Management of severe influenza A and sepsis-mediated HLH in a critically Ill patient on VV and VAV ECMO: a case report	16:32 - 16:36
Extracorporeal Membrane Oxygenation is safe and effective in thoracic surgery: a single center experience	16:36 - 16:40
ECMO as a bridge to recovery in HIV patients with severe respiratory failure: a case series	16:40 - 16:44
Distribution of healthcare-associated infections among COVID-19 patients supported by ECMO	16:44 - 16:48
Impact of early PaCO2 changes on neurological outcomes across different ECMO configurations	16:48 - 16:52

Poster Session
16:00 - 17:00 Exhibition Area

Adult - Cardiac failure 8 - Terminal 4

The Aeson® Carmat total artificial heart as a bridge to transplant: a case report	16:00 - 16:05
Outcomes and characteristics of dialysis patients requiring postcardiotomy extracorporeal life support: the PELS-1 multi-centre cohort study	16:05 - 16:10
Post-acute myocardial infarction ventricular septal rupture outcomes: a 10-year single centre experience	16:10 - 16:15
Post Cardiotomy ECMO outcomes in elderly patients	16:15 - 16:20
Left ventricular unloading strategies in Extracorporeal Cardiopulmonary Resuscitation (E-CPR): a multicenter cohort study	16:20 - 16:25

Outcomes of surgical versus percutaneous implantation of temporary mechanical circulatory support in patients with right ventricular dysfunction: insights from the Multicenter International PLACE Study	16:25 - 16:30
Early and long-term survival of patients supported with extracorporeal membrane oxygenation receiving heart transplant	16:30 - 16:35
Short vs. prolonged use of temporary mechanical circulatory support in right ventricular dysfunction: insights from the multicenter PLACE study	16:35 - 16:40
Comparing peripheral and central VA-ECMO implantation in patients with right ventricular dysfunction: insights from the multicenter PLACE study	16:40 - 16:45
Ramp-down/ramp-up protocol for biventricular dysfunction management with ECPELLA support	16:45 - 16:50
Primary graft dysfunction after heart transplantation. Mechanical treatment by timely implanted Extrcorporeal Membrane Oxygenation ensures superior outcomes	16:50 - 16:55
Biatrial VA ECMO for CCB and ARB poisoning	16:55 - 17:00

Poster Session
16:00 - 17:00 Exhibition Area

Pediatric - Other 2 - Terminal 12

Efficacy of the local Extracorporeal Cardiopulmonary Resuscitation (ECPR) protocol in pediatric cardiac patients	16:00 - 16:04
ECPR in pediatrics: outcomes within a nationwide 5-year retrospective cohort	16:04 - 16:08
5-year follow-up of vascular architecture in newborns and children treated with Extracorporeal Membrane Oxygenation: a single-center retrospective analysis	16:08 - 16:12
Spanish registry of pediatric and neonatal Extracorporeal Membrane Oxygenation (ECMO)	16:12 - 16:16
Outcomes of ECMO transport in pediatric patients: a report from a tertiary referral center	16:16 - 16:20
14 years' experience on peripheral VA-ECMO for older children and adolescents	16:20 - 16:24
Promoting holistic parallel planning during Extracorporeal Membrane Oxygenation in children – initiative for early integration of paediatric palliative care involvement	16:24 - 16:28
Comparison of early MAP variability in ECMO based on 2-sample approach with multiple-sample approach	16:28 - 16:32
Advancing pediatric critical care options: a 10-year review of a paediatric ECMO Hub and Spoke program	16:32 - 16:36
Transcranial Doppler velocities and resistance index in neonatal and paediatric veno-arterial ECMO: a single centre study	16:36 - 16:40
Mortality and clinical outcomes of hyperbilirubinemia during ECMO in pediatric patients	16:40 - 16:44

Neuroimaging quantification in pediatric ECPR 16:44 - 16:48

A single centre 4-year experience during a period of expansion and development of our Paediatric ECMO service 16:48 - 16:52

Poster Session
16:00 - 17:00 Exhibition Area

Pediatric - Difficult cases & Other - Terminal 11

V-A ECMO in severe flecainide poisoning: a case report 16:00 - 16:04

ECMO support in pediatric patients with air leaks: experience in a tertiary hospital 16:04 - 16:08

Extracorporeal-Cardiopulmonary Resuscitation (E-CPR) for massive haemorrhage cardiac arrest 16:08 - 16:12

Successful management by VV-ECMO of a newborn with severe pulmonary hypertension following intrauterine ductus arteriosus closure and associated left pulmonary artery thrombosis: a case report 16:12 - 16:16

Successful Extracorporeal Cardiopulmonary Resuscitation (ECPR) after spinal fusion surgery complicated by Pulmonary Embolism (PE) and prolonged cardiac arrest: a case report 16:16 - 16:20

Alveolar capillary dysplasia on ECMO: the challenge accepted and lost 16:20 - 16:24

Multiple ECMO runs: a case review 16:24 - 16:28

VV ECMO for anterior mediastinal mass 16:28 - 16:32

Veno-venous ECMO in the management of diffuse alveolar hemorrhage: the challenge of anticoagulation 16:32 - 16:36

The use of VV ECMO in children during airway surgery: a case series 16:36 - 16:40

Review of the outcomes of emergency admissions of paediatric patients supported on VV and VA-ECMO initiated during working hours versus out of hours 16:40 - 16:44

Outcomes of pediatric extracorporeal cardiopulmonary resuscitation over 16 years: a single-center observational study 16:44 - 16:48

Breaks
16:00 - 17:00 Exhibition Area

Moderated ePoster Session and Break

Poster Session
16:00 - 17:00 Exhibition Area

Adult - Respiratory failure 4 - Terminal 8

The effect of early spontaneous breathing during VV-ECMO support on ICU outcome 16:00 - 16:05

V-V ECMO post liver transplant in patients with severe Hepatopulmonary syndrome: a single centre case series 16:05 - 16:10

Veno-Venous ECMO as a bridge to diagnosis and successful treatment of Acute Eosinophilic Pneumonia – a case report 16:10 - 16:15

Conversion from veno-venous to veno-arterial or hybrid extracorporeal membrane oxygenation in COVID-19 patients: analysis from the Euro-ECMO COVID observational multicenter study	16:15 - 16:20
CO2 removal during VV ECMO for COVID-19 associated ARDS – native versus membrane lung	16:20 - 16:25
Extracorporeal life support over the COVID-19 pandemic waves: analysis from the EuroECMO COVID observational multicenter study	16:25 - 16:30
Survivors vs. non-survivors in veno-arterial extracorporeal membrane oxygenation for COVID-19: the EuroECMO-COVID observational study	16:30 - 16:35
Site of cannulation and its impact on ECMO outcomes in COVID-19: insights from the EuroECMO-COVID observational study	16:35 - 16:40
CytoSorb hemoadsorption therapy in COVID-19 patients supported with ECMO: analyzing in-hospital survivors and non-survivors from the EuroECMO-COVID observational study	16:40 - 16:45
Re-intubation needs in awake veno-venous extracorporeal membrane oxygenation in COVID-19 patients: an observational analysis from the EuroECMO COVID study group	16:45 - 16:50
Pulmonary shunt and mortality in patients on venovenous extracorporeal membrane oxygenation (vvECMO) for acute respiratory distress syndrome (ARDS)	16:50 - 16:55

Poster Session
16:00 - 17:00 Exhibition Area

Nursing - Terminal 10

The cannulator assistant training: technical skills acquisition for the ECPR scenario	16:00 - 16:06
Impella nursing management in the ICU: the nursing perspective	16:06 - 16:12
Safe care for the patient undergoing ECMO treatment with risk of neurological complication – a systematic literature review	16:12 - 16:18
Beyond compassionate discontinuation of paediatric extracorporeal life support - Service evaluation on Impact of Bereavement nurse role at a paediatric cardiorespiratory intensive care unit	16:18 - 16:24
ECMO ready: streamlining nursing cannulation for optimal patient safety	16:24 - 16:30
Verticalization therapy for ECMO patients	16:30 - 16:36
The association between V-A ECMO flow strategy and weaning success in patients with severe cardiogenic shock	16:36 - 16:42
NAS values and postoperative complications in cardiac surgery patients: insights from early ECMO support	16:42 - 16:48
Clinician survey regarding the use of different VV-ECMO cannula configurations	16:48 - 16:54
A small-group nursing education program on sedation management and monitoring during Extracorporeal Membrane Oxygenation	16:54 - 17:00

Teach Programme / Workshop
16:30 - 17:00 Exhibition Area

Escape Room

Adult Session
17:00 - 18:45 Coral 2/3

Brain injury, neuromonitoring, normothermic regional perfusion (NRP)

The ideal vs. the real-world neuromonitoring setting	17:00 - 17:15
Exploring ELSO Registry for research in acute brain injury - feasibility and limitations	17:15 - 17:30
NRP - extending the boundaries of extracorporeal support after life ends	17:30 - 17:45
Expanding the donor pool enrolling DCD organ donors respecting country-specific ethical/legal boundaries	17:45 - 18:00
In-situ heart graft preservation technique used in limited resources country	18:00 - 18:15
Organ utilization from donors following extracorporeal cardiopulmonary resuscitation	18:15 - 18:30
Incidence, outcomes and demographics of intracranial haemorrhage in adult patients on extracorporeal membrane oxygenation	18:30 - 18:45

Adult Session
17:00 - 18:45 Sky 1

Calm before the storm - austere enviroments - challenging indications (trauma, surgery)

Department of Defense (DoD) ECMO prolonged field care and transport feasibility	17:00 - 17:15
Emergency Preservation and Resuscitation for Cardiac Arrest from Trauma (EPR-CAT)	17:15 - 17:30
ECMO in non-compressible torso hemorrhage resuscitation	17:30 - 17:45
ECLS in hypothermic conditions	17:45 - 18:00
Veno-pulmonary extracorporeal membrane oxygenation in critically ill patients: an elso registry analysis	18:00 - 18:15
Remote ECMO - establishing an ECMO center with telemedicine	18:15 - 18:30
A holy grail of anticoagulation, should we abandon ACT and aPTT	18:30 - 18:45

Interdisciplinary Session
17:00 - 18:45 Sky 2

Awake ECMO

Facilitative weaning with less restrictive criteria in respiratory ECMO	17:00 - 17:15
The right candidate to be awake	17:15 - 17:30
Awake ECLS in the pediatric population	17:30 - 17:45
Mechanical circulatory support in awake COVID-19 patients: when,	17:45 - 18:00

why and how in the EuroECMO COVID observational study	
Nursing challenges in awake ECMO	18:00 - 18:15
What type of physiotherapy is feasible and how	18:15 - 18:30
Round-table discussion	18:30 - 18:45

Pediatric Session
17:00 - 18:45 Ocean 1

Pediatric cardiac failure

Advances in understanding and managing pediatric heart failure and cardiogenic shock	17:00 - 17:15
VA ECMO + LV unloading: is always the right approach?	17:15 - 17:30
Management of RV failure in the setting of temporary and durable VAD	17:30 - 17:45
Recovery after VAD implantation in children with Myocarditis: Results from MYKKE Registry	17:45 - 18:00
Durable VADs in patients with single ventricle anatomy	18:00 - 18:15
Neurologic morbity and mortality after long term VAD implantation	18:15 - 18:30
Round-table discussion	18:30 - 18:45

Teach Programme / Workshop
17:00 - 18:45 Ocean 3

Standardization in in-vitro device testing and simulation

Blood is thicker than water – why standardization of in-vitro testing and reporting in research is sensible	17:00 - 17:15
How to choose the appropriate test fluids for in-vitro testing oxygenators, pumps, cannulae and tubings	17:15 - 17:30
ISO standards for in-vitro testing different ECLS devices - Understanding of the results presented by manufacturers	17:30 - 17:45
Physical-digital fetal manikins for perinatal life support development, testing and training	17:45 - 18:00
Global Consensus Statement on simulation-based practice - SESAM/ SAIE-perspective Engineering	18:00 - 18:15
Global Consensus Statement on simulation-based practice - SESAM/ SAIE clinicians perspective	18:15 - 18:30
VV ECMO: Comparison of fem-jug, fem-fem, jug-fem, and DLC - CFD studies	18:30 - 18:45

Social Event
19:00 - 22:00 Exhibition Area

Congress Dinner and Cannulation Cup Awards

Saturday, April 26, 2025

Adult Session
08:30 - 10:00 Coral 2/3

Nosocomial infections during ECMO - joint session with ESCMID

Blood stream infections during ECMO	08:30 - 08:45
ECMO circuit related infections : how can we prevent, detect, and treat?	08:45 - 09:00
Nosocomial infections during ECMO: preliminary report of the INF-ECMO study	09:00 - 09:15
The role of antibiotic stewardship programs for patients on ECMO	09:15 - 09:30
Antimicrobial prophylaxis ? - when it's indicated	09:30 - 09:45
Round-table discussion	09:45 - 10:00

Interdisciplinary Session
08:30 - 10:00 Sky 1

Managing end-of-life

How to declare cerebral death in ECLS in adults - is it still controversial?	08:30 - 08:45
How to declare cerebral death in ECLS in pediatrics - is it still controversial?	08:45 - 09:00
Withdrawing pediatric ECMO: a case series and ethical framework	09:00 - 09:15
The impact of religions and believes	09:15 - 09:30
What is the limit? Is it justified to continue ECMO when there is no perspective of recovery	09:30 - 09:45
Round-table discussion	09:45 - 10:00

Interdisciplinary Session
08:30 - 10:00 Sky 2

Joint nursing and perfussion session

Case study: From VAD to transplant to ECMO	08:30 - 08:45
Extracorporeal cytokine removal during ECMO - tipps for pitfalls	08:45 - 09:00
Bedside Trouble shooting: How we deal with drainage insufficiency	09:00 - 09:15
Bedside troubleshooting: How do we timely recognize and deal with membrane lung failure?	09:15 - 09:30
Practicalities of mobilisation on ECMO	09:30 - 09:45
Round-table discussion	09:45 - 10:00

Interdisciplinary Session
08:30 - 10:00 Ocean 1

Advanced research for future ECMO

Nitric oxide-based non-thrombogenic circuit for the artificial placenta in an ovine model	08:30 - 08:45
Technical and clinical differences of the two concepts: artificial placenta vs. artificial womb	08:45 - 09:00
Nitric Oxide on ECMO in Neonates and Children (NECTAR trial)	09:00 - 09:15
What needs to be improved in adult and pediatric ECMO	09:15 - 09:30
Round-table discussion	09:30 - 10:00

Breaks
10:00 - 10:30 Exhibition Area
Break

Adult Session
10:30 - 12:00 Coral 2/3
Adult ECMO – weaning the unweanable - how to bridge, how to wean

Which strategies for VA ECMO weaning?	10:30 - 10:45
How should I wean when V-A ECMO and mixroaxial flow pump are used in parallel ?	10:45 - 11:00
How to wean in respiratory support: ECMO forst or ventilator first ? ECMO nurse point of view	11:00 - 11:15
How to wean V-V ECMO? Physiotherapist point of view	11:15 - 11:30
The role of drug therapy in ECLS weaning	11:30 - 11:45
ECMO as a bridge to VAD and Heart-Lung Transplant	11:45 - 12:00

Interdisciplinary Session
10:30 - 12:00 Sky 1
ECLS Transport in adult and pediatrics

Minimun standards for ECLS Trasport in adult and children	10:30 - 10:45
Liability insurance working in other countries	10:45 - 11:00
ECLS transport - when “sh.. hits the fan”	11:00 - 11:15
Pediatric intra-hospital transport: the nurse point of view	11:15 - 11:30
Update on ECMO transport, ELSO Guideline and the ELSO Registry	11:30 - 11:45
Different Transport Organization Systems in the World	11:45 - 12:00

Interdisciplinary Session
10:30 - 12:00 Sky 2
How to improve disapointing results in ECLS

Neuroprognostication tools and biomarkers - facts and fiction	10:30 - 10:45
Restrictive versus liberal thresholds for red blood cell transfusion in ECMO– Protocol for a Randomized Controlled Trial (TREC-RCT)	10:45 - 11:00
Follow up in patients with long term respiratory support and ECPR	11:00 - 11:15

- EuroELSO grant 2023

Exploring the contact pathway (inhibition) during percutaneous MCS - the new era in ICU - EuroELSO grant 2023 11:15 - 11:30

Impact of Minimal Invasive Left Ventricle Unloading Strategy during V-A ECLS: ECMO LENS retrospective study 11:30 - 11:45

Round-table discussion 11:45 - 12:00

Teach Programme / Workshop
10:30 - 12:00 Ocean 1

Technology & Innovation – interplay between the circuit, device and biology

When and why should I change the ECMO circuit? / Association between hemolysis and outcomes during ECMO 10:30 - 10:45

sNO during ECMO: hemolysis & regional anticoagulation 10:45 - 11:00

Incidence, characteristics and risk factors for platelet transfusions in V-V ECMO: Insights from the multicenter observational PROTECMO study 11:00 - 11:15

Carboxyhemoglobin, free hemoglobin and hemolysis during ECMO 11:15 - 11:30

Drug disposition of selected drugs used during neonatal and pediatric ECMO - EuroELSO grant 2023 11:30 - 11:45

Mesenchymal stem cells-derived exosomes in severe ARDS on V-V ECMO: a study protocol for a trial in porcine ARDS model 11:45 - 12:00

Plenary Session
12:15 - 13:15 Coral 2/3

Interdisciplinary challenge of sustainability in ECMO care

How to optimize ressource allocation in ECMO community 12:15 - 12:35

My journey in a sustainable neonatal & pediatric ECMO education 12:35 - 12:55

Sustainable development of ECMO equipment – are we there yet? 12:55 - 13:15

Plenary Session
13:15 - 13:45 Coral 2/3

Closing ceremony