





SWAACELSO 11TH ANNUAL 2025 CONFERENCE

EMPOWER - DRIVE - INNOVATE - ADVANCE

4-5 FEBRUARY, 2025 PRE-CONFERENCE WORKSHOP

9-10 FEBRUARY, 2025 POST-CONFERENCE WORKSHOP

O CLEVELAND CLINIC, ABU DHABI, UAE

6-8 FEBRUARY, 2025 CONFERENCE DAYS

CONRAD AT ETIHAD TOWERS, ABU DHABI, UAE

SAVE the DATE

W W W . S W A A C E L S O 2 O 2 5 . C O M

Welcome Message



Dear Colleagues,

On behalf of the organizing committee, it is with great pleasure and honor that we extend a warm invitation to you for the upcoming **11th Annual SWAAC ELSO Conference (South West Asia and Africa Chapter of the Extracorporeal Life Support Organization)**. The conference will take place at Conrad at Etihad Towers in Abu Dhabi from **February 6th to 8th, 2025**. This year's conference would be held in conjuncture with **ECMO Net** meeting, involving the most prominent researchers in the field of ECMO.

The SWAAC ELSO Conference serves as a significant platform for professionals in the field of Extracorporeal Life Support (ECLS) therapy to gather, exchange knowledge, and collaborate on advancing the frontiers of this critical medical discipline. With the support of the South West Asia and Africa Chapter of ELSO, we have curated a thought-provoking scientific program that encompasses the latest advancements, innovative research, and best practices in ECLS.

During the conference, we will explore the multifaceted aspects of ECLS therapy through engaging sessions, interactive workshops, and insightful keynote presentations. We have gathered an esteemed panel of experts from around the globe who will share their expertise, experiences, and ground breaking discoveries in this rapidly evolving field. Whether you are an Critical Care Physician, Anaesthesiologist, Cardiologist, Heart Failure Specialist, Pulmonologist, Cardio-thoracic and Vascular surgeon, Paediatrician, Perfusionist or Nurse or any other member of the multidisciplinary team, there will be valuable content tailored to your specific interests and professional development.

Our aim is not only to facilitate the promulgation of knowledge but also to foster meaningful collaborations and networking opportunities. The SWAAC ELSO Conference provides a vibrant platform for professionals to connect, share ideas, and forge partnerships that will drive advancements in ECLS therapy.

In addition to the exceptional scientific program, we have organized pre-conference workshops prior to the main event. These workshops will offer hands-on training, allowing participants to enhance their practical skills and gain valuable insights into the intricacies of adult and paediatric ECLS therapy. We encourage you to take full advantage of these workshops and make the most of this unique learning experience.

Abu Dhabi, with its rich cultural heritage and stunning landscapes, serves as the perfect backdrop for this conference. We hope you will take the opportunity to explore the city's attractions, experience its warm hospitality, and establish lasting connections with colleagues from diverse backgrounds.

Your presence and active engagement are vital to the success of the SWAAC ELSO 2025 Conference. Once again, I look forward to welcome you to Abu Dhabi, and I am confident that this important Conference will be a memorable and enlightening experience for all.

Salman Abdulaziz

Dr. Salman Abdulaziz Chair of SWAAC ELSO 2025 Conference Consultant of Internal Medicine, Critical Care & Cardiovascular Critical Care Reyada Healthcare Services, Abu Dhabi, UAE

M/wek Hakar

Dr. Vivek Kakar Co-Chair of SWAAC ELSO 2025 Conference Program Director, ECMO program Critical Care Institute Cleveland Clinic, Abu Dhabi, UAE

Organizing Committee



Dr. Mohamed Shalaby

Consultanted Stidlady Consultant, Critical Care, Adult Extracorporeal Life Support Program Lead Sheikh Khalifa Medical City, Abu Dhabi, UAE



Dr. Huda Al-Foudri Consultant Anaesthetist and Head of the Department of Anaesthesia, Critical Care Pain Management Adan Hospital, Kuwait



Dr. Ibrahim Fawzy Chief, Medicine Crit

Dr. Ibrahim Fawzy Chief, Medicine Critical Care Division ECMO Program Director, Deputy Medical Director Ambulance Service Hamad Medical Corporation Associate Professor Clinical Medicine Weill Cornell Medical College, Qatar



Dr. Suneel Pooboni



Dr. Ihab Ahmed

Critical Care Physician Cardiothoracic and Transplant ICU Cleveland Clinic, Abu Dhabi, UAE



Dr. Shahrukh Hashmi Director, Research Development Department of Health,

Professor of Pediatrics Chief of Pediatric Critical Care Unit Mediclinic City Hospital, Dubai, UAE

Department of Health, Abu Dhabi, UAE



Dr. Asma Ibrahim Al Mannaei

The Executive Director of the Research and Innovation Centre Department of Health Abu Dhabi, UAE

Scientific Committee



Dr. Praveen Kumar Ghisulal

Associate Staff Physician in the Critical Care Institute Cleveland Clinic, Abu Dhabi, UAE



Dr. Jana Assy Pediatric Cardiac Intensivist University Hospital of Liege,

Belgium

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Dr. Umar A. Khan



Dr. Benedict Griffiths

Paediatric Cardiac Intensive Care consultant Paediatric ECMO director Sheikh Khalifa Medical City, Abu Dhabi UAE



Dr. José L. Díaz-Gómez, MD, MAS, NCC (UCNS), FASE, FCCM

Integrated Hospital Care Institute (IHI) Chair Cleveland Clinic, Abu Dhabi, UAE



Dr. Vivek Gupta

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Consultant Cardiac Anaesthesia & Intensive Care ECMO Physician Dayanand Medical College & Hośpital, India



Dr. Mohammed Azzam Consultant Trauma, Critical Care & Emergency Medicine SWAAC ELSO Member, Saudi Representative Founder, National ECMO program Ministry of Health, Saudi Arabia

Staff Physician, Cardiothoracic Critical Care, Critical Care Institute Cleveland Clinic, Abu Dhabi, UAE



Dr. Saleh Fares Al-Ali International Federation for Emergency Medicine (IFEM), UAE President



Dr. Ali Alobaidli

Chief Medical Officer, SEHA Kidney Care, Abu Dhabi Health Services (SEHA) UAE Chairman, UAE National Organ Donation and Transplantation Committee, Abu Dhabi, UAE

Dr. Abdulrahman Al-Blooshi

Chief, Cardiovascular Surgery Zayed Military Hospital, Abu Dhabi, UAE



Dr. Mussab AL Ramsi

Division Chief of Pediatric Critical Care Unit Sheikh Khalifa Medical City, Abu Dhabi, UAE



Workshop Committee



Dr. Salman Pervaiz Butt

Chair SWAAC ELSO Workshops Interim Manager Perfusion Services and ECMO Specialist Cleveland Clinic, Abu Dhabi, UAE



Drisya Paul Perfusionist and ECMO Coordinator Sheikh Khalifa Medical City, Abu Dhabi UAE



Nabeel Razzaq **Clinical Perfusionist** Cleveland Clinic, Abu Dhabi, UAE



Dr. Ravikannan Somasundaram UAE



Dr. Benedict Griffiths Paediatric Cardiac Intensive Care consultant Paediatric ECMO Director Sheikh Khalifa Medical City, Abu Dhabi UAE



Gilbert Lavallee Perfusionist Cleveland Clinic, Abu Dhabi, UAE



Dr. Ihab Ahmed Critical Care Physician Cardiothoracic and Transplant ICU Cleveland Clinic, Abu Dhabi, UAE



Dr. Tarig Omer Cardiothoracic and Neuro Intensivist, Cardiothoradic and Neuro Intensivist, Assistant Professor at Cleveland Clinic Lerner College of Medicine, Cleveland, Ohio, USA, Critical Care Institute, Interim Chair, Critical Care Institute Cleveland Clinic, Abu Dhabi, UAE



Dr. Arun Kumar Section Head, Cardiothoracic & Transplant Anesthesiology Cleveland Clinic, Abu Dhabi UAE

Dr. Mohamed Hatem Azzam MD, FRCPC, FCCM

Consultant in Trauma, Emergency and Critical Care Medicine Dr. Sulaiman Al Habib Medical, Saudi Arabia



Dr. Fazil Ashiq

Staff Cardiothoracic Anesthesiologist and Director of Transplant Anesthesiology Cleveland Clinic, Abu Dhabi, UAE

Social Committee



Hessa Al Shehhi Assistant Director of Nursing ECMO Specialist SEHA / SKMC



Sheereen Hassib, MSc. RD Clinical Dietitian Cleveland Clinic, Abu Dhabi, UAE



Sadaf Malik, ACNP-C Associate Staff Physician, Cleveland Clinic, Abu Dhabi, UAE



Manal Ahmed

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Abstract Committee



Dr. Umar A. Khan

Staff Physician, Cardiothoracic Critical Care, Critical Care Institute Cleveland Clinic, Abu Dhabi, UAE



Dr. Tala Al-Dabbous

Director, Clinical Services & Head of Clinical Dietetics Bayt Abdullah Children's Hospice, Kuwait



Dr. Tarig Omer

5/2/15

Cardiothoracic and Neuro Intensivist, Assistant Professor at Cleveland Clinic Lerner College of Medicine, Cleveland, Ohio, USA, Critical Care Institute, Interim Chair, Critical Care Institute Cleveland Clinic, Abu Dedi IVE Abu Dhabi, UAE



Dr. Bassam Atallah

Senior Pharmacotherapy Specialist, Department of Pharmacy Services Cleveland Clinic, Abu Dhabi UAE



Pediatric Intensivist Sheikh Khalifa Medical City, Abu Dhabi, UAE

Dr. Naga Kishore, MD

Dr. Ala Al-Lawati, MD, FRCS(C)

Consultant, Congenital Cardiac Surgery Harvard Scholar in Surgical Leadership National Heart Centre Royal Hospital, Oman



Dr. Yasser Kazzaz

Dr. Yasser Kazzaz Program Director, Pediatric intensive care/ pediatric cardiac intensive care physician Associate professor of pediatrics/ Pediatric Critical Care King Abdulaziz Medical City/ King Saud bin Abdulaziz University for Health Sciences (KSAU-HS), KSA



Prof. Poonam Malhotra

Professor, Department of Cardiac Anaesthesia and Critical Care, Cardiac Thoracic Center, All India Institute of Medical Sciences (AIIMS), New Delhi, India



Dr. Vivek Gupta

Consultant Cardiac Anaesthesia & Intensive Care ECMO Physician Dayanand Medical College & Hospital, India

Speakers - Adult







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Dr. Huda Al-Foudri Consultant Anaesthetist and Head of the Department of Anaesthesia, Critical Care Pain Management Adan Hospital, Kuwait

Dr. Saleh Fares Al-Ali

President International Federation for Emergency Medicine (IFEM),



Dr. Mirko Belliato Director of the Second Anesthesia Department & Cardiothoracic ICU President of EUROELSO Foundation IRCCS Policlinico San Matteo, Italy



Prof. Roberto Lurosso Surgeon - Cardiothoracic Cardio-Thoracic Surgery Department Heart & Vascular Centre Maastricht University Medical Centre, The Netherlands



Dr. Eddy Fan

Associate Professor, Interdepartmental Division of Critical Care Medicine and the Institute of Health Policy, Management and Evaluation, University of Toronto Staff Intensivist, University Health Network/ Mount Sinai Hospital, Capada Canada

Co-Director, Institute of Heart & lung transplantation and MCS MGM Healthcare, India



Dr. Hassan Alnuaimat Staff Physician & Director of the Pulmonary Hypertension Program Cleveland Clinic, Abu Dhabi, UAE



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Prof. John F Fraser Prof. Jonn + Fraser Professor & Pre-Eminent Specialist in Intensive Care Medicine, The Prince Charles Hospital, Brisbane Director of the Critical Care Research Group, University of Queensland & The Prince Charles Hospital, Brisbane Director of Intensive Care Unit, St Andrew's War Memorial Hospital, Brisbane, Australia

Dr. José L. Díaz-Gómez, MD, MAS, NCC (UCNS),

FASE, FCCM Integrated Hospital Care Institute (IHI) Chair Cleveland Clinic, Abu Dhabi, UAE





Prof. Alain Combes

Dr. Suresh Rao K G

Professor of Intensive Care Medicine at Sorbonne Médicine di sorbonne Université, Paris Head of the ICU department at La Pitié-Salpêtrière Hospital, Assistance Publique Hopitaux de Paris, France



Dr. Ahmed Hegazy

Consultant, Critical Care Medicine University of Western Ontario, Canada King Faisal Specialist Hospital and Research Centre, Riyadh, Saudi Arabia Saudi Arabia



Speakers - Adult



Prof. Matthieu Schmidt Professor of Intensive Care Medicine Sorbonne University, France



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Dr. Kiran Shekar

Senior Intensive Care Specialist, Director of Research in the Adult Intensive Care Service Prince Charles Hospital & Associate Professor Prince Charles Hospital Northside Clinical Unit, University of Queensland, Australia



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Dr. Ibrahim Fawzy

Dr. Ibrahim Fawzy Chief, Medicine Critical Care Division ECMO Program Director, Deputy Medical Director Ambulance Service Hamad Medical Corporation Associate Professor Clinical Medicine Weill Cornell Medical College, Qatar



Prof. Yaseen Arabi, MD, FCCP, FCCM, ATSF

Chairman, Intensive Care Department Professor, King Saud Bin Abdulaziz University Medical Director, Respiratory Services King Abdulaziz Medical City Ministry of National Guard Health Affairs Riyadh, Kingdom of Saudi Arabia

Dr. Ramanathan K R Adult Cardiac Intensivist at the Cardiothoracic Intensive Care Unit (CTICU), National University Heart Center (NUHCS), Singapore





>Dr. Marlice Van Dyk Specialist Anaesthesiologist & Intensivist Netcare Unitas Hospital, South Africa



Dr. Thomas Mueller

Regensburg, Germany

Dr. Salman Pervaiz Butt

Chair SWAAC ELSO Workshops Interim Manager Perfusion Services and ECMO Specialist Cleveland Clinic, Abu Dhabi, UAE

Consultant of Intensive Care Medicine and Pneumology University Medical Centre,



Prof. Antonio Pesenti Emeritus Professor University of Milan, Italy





Dr. Abdulrahman Al Fares Chair Department of Anesthesia Critical Care Medicine and Pain Medicine Director of Kuwait Extracorporeal Life Support Program Ministry Of Health, Kuwait



Professor Emeritus, Division of Acute Care Surgery University of Michigan Medical Center, USA

Prof. Robert Bartlett

Aaron Thrush Pulmonary Physical Therapy Specialist, Cleveland Clinic, Abu Dhabi, UAE

Speakers - Adult



Dr. Vivek Gupta Consultant Cardiac Anaesthesia & Intensive Care ECMO Physician Dayanand Medical College & Hospital, India



Dr. Hussam Ghalib Staff Physician in the Heart, Vascular & Thoracic Institute Cleveland Clinic, Abu Dhabi, UAE



Dr. Brahim Housni

Head of the Anesthesia and Intensive Care Department at CHU Mohammed VI-OUJDA Director of the Medical Simulation Training Center of the Oriental (CFMSO), Morroco



Dr. Nicholas Barrett

Consultant, Critical Care Medicine Guy's and St Thomas' NHS Foundation, United Kingdom



Dr. Ali Ait Hssain Senior Consultant Intensivist Member of the ECMO Team Hamad General Hospital,



Dr. Samira Al-Maraghi

Cardiovascular Perfusionist Heart Hospital, Hamad Medical Corporation (HMC), Qatar



Emad Hakami Saudi Arabia

Doha, Qatar



Dr. Akram Mohamed Abdel-Bary Ahmed Professor of Critical Care Cairo University, Egypt



Dr. Maria Paula Gomez

Director - Organ Transplant Expert, The National Center for Regulating Donation and Transplantation of Humans Organs and Tissues, Ministry of Health and Prevention (MOHAP), UAE



Dr. Mitesh Vallabh Badiwala

Surgical Director of Heart Transplant and Mechanical Circulatory Support Cleveland Clinic, Abu Dhabi, UAE





Prof. Georg Auzinger

Consultant and Reader in Intensive Care Medicine King's College London & Department Chair of Critical Care & Anaesthesia, Cleveland Clinic, London, United Kingdom



Dr. Fadi Hamed Medical Director

Lung transplant program Cleveland Clinic, Abu Dhabi, UAE

Speakers - Adult



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Dr. Sultan Hassen Al Amri Consultant Intensivist, King Saud Medical City, Saudi Arabia

Prof. Carol Hodgson



Dr. Nazar Bukamal

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Canada

Consultant Cardiothoracic Intensivist and Anesthesiologist Mohammed Bin Khalifa Specialist Cardiac Center, Bahrain





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Head of the Division -Clinical Trials and Cohort Studies, School of Public Health and Preventive Medicine Deputy Director of the Australian & New Zealand Intensive Care Research Centre Monash University, Melbourne, Australia

Dr. Gennaro Martucci

Anesthesiologist, Critical Care Physician, Chief of Pediatric Anesthesia IRCCS-ISMETT (Istituto Mediterraneo per I Trapianti e Terapie ad alta specializzazione) UPMC, Italy





Prof. Jan Belohlavek

Gordan Samoukovic

Consultant in Cardiology and Critical Care, Dept. of Internal Medicine II, Cardiovascular Medicine, General University Hospital, Prague Czech Republic



Dr. Mark Takashi Ogino

Neonatologist Children's Hospital of Philadelphia, USA



Prof. Daniel Brodie

Vice President and Chief Medical Officer for Critical Care, Johns Hopkins Health System Professor of Medicine, Johns Hopkins University School of Medicine, USA



Dr. Pranay Oza

ECMO Co-Director & Intensivist, Riddhi Vinayak Multispecialty Hospital, Mumbai, India



Speakers - Pediatric



Dr. Jana Assy Pediatric Cardiac Intensivist University Hospital of Liege, Belgium



Dr. Matteo Di Nardo Pediatric intensive Care Unit Children's Hospital Bambino Gesù, Rome Italy



Dr. Jon Lillie Consultant in Paediatric Intensive Care Evelina London Children's Healthcare NHS Guy's and St Thomas, United Kingdom



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Dr. Nada Al Jassim Consultant, Pediatric Intensive Care & Head of pediatric Cardiac ICU, King Fahad Medical City (KFMC), Riyadh, Saudi Arabia



Dr. Benedict Griffiths Paediatric Cardiac Intensive Care consultant Paediatric ECMO Director Sheikh Khalifa Medical City, Abu Dhabi UAE



Prof. Robert Bartlett Professor Emeritus, Division of Acute Care Surgery University of Michigan Medical Center, USA



Prof. Issam El Rassi Chief of Congenital Cardiac Surgery, Al Jalila Children's Hospital, Dubai, UAE



Dr. Naga Kishore, MD Pediatric Intensivist Sheikh Khalifa Medica

Pediatric Intensivist Sheikh Khalifa Medical City, Abu Dhabi, UAE



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Dr. Indira Jayakumar Lead Pediatric Intensivist Senior Consultant (ER & PICU) Apollo Specialty Hospital, Chennai India



Dr. Grace Leeuwen

Assistant Professor of Pediatrics, Weill Cornell Medicine – Qatar Senior Attending Physician, Pediatric Cardiac Intensive Care Unit Sidra Medicine, Doha, Qatar



Dr. Yasser Kazzaz

Program Director, Pediatric intensive care/ pediatric cardiac intensive Care Physician Associate professor of pediatrics/ Pediatric Critical Care King Abdulaziz Medical City/ King Saud bin Abdulaziz University for Health Sciences (KSAU-HS), Saudi Arabia

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Dr. Peter Paul Roeleveld

Pediatrician, Intensivist PICU, Leiden University Medical Center, The Netherland

Speakers - Pediatric



Dr. Kesava Ramakrishnan PICU Consultant Burjeel Medical City, Abu Dhabi, UAE



Dr. Malaika Mendonca

©:

Consultant, Pediatric Critical Care Insel Gruppe, Switzerland



Dr. Omer Amur Khalfan Al Dafaei Consultant, Pediatric Post Cardiac Surgery Unit National Heart Center, Royal Hospital, Oman



Dr. Mark Takashi Ogino Neonatologist Children's Hospital of Philadelphia, USA

Learning Objectives

- Enhance understanding of the latest advancements in Extracorporeal Life Support (ECLS) therapy, including technological innovations, treatment modalities, and patient management strategies.
- Explore the multidisciplinary approach to ECLS therapy and foster collaboration among healthcare professionals from various specialties, including anaesthesiology, cardiology, cardiac surgery, transplant surgery, paediatrics, radiology, vascular surgery, and other related fields.
- Gain insights into best practices and evidence-based guidelines for the initiation, management, and weaning of ECLS therapy in both adult and pediatric populations.
- Acquire knowledge of the unique challenges and considerations in implementing ECLS services outside the cardiac operating theatre and intensive care unit, such as in the cath lab, emergency department, and general operating theatre.
- Understand the role of ELSO and its chapters in providing educational platforms, promoting quality assurance, and facilitating collaboration among ECLS professionals globally.
- Discuss the latest research findings and clinical outcomes related to ECLS therapy, including survival rates, long-term outcomes, and quality of life for ECLS patients.
- Explore the integration of ECLS therapy with other treatment modalities, such as organ transplantation, ECMO-assisted interventions, and circulatory support devices, to optimize patient outcomes.
- Gain practical skills and knowledge through hands-on workshops, including cannulation techniques, troubleshooting common ECLS complications, and simulation-based training for ECLS scenarios.
- · Address the ethical, legal, and societal implications of ECLS therapy, including patient selection, resource allocation, informed consent, and end-of-life care.
- Foster networking and collaboration among participants to establish professional connections, share experiences, and promote ongoing research and development in the field of ECLS therapy.

Program Highlights

- · Meet the experts
- · Pro Con debates
- Year in review across the globe
- MCS in LV/RV failure
- Monitoring modalities on ECMO
- · Beyond single circuit
- · ECMO in trauma/ burns/ cancer
- · Perioperative ECMO
- · ECMO facilitated transplants
- · Awake ECMO and Rehabilitation
- · Life after ECMO
- ECMO in coming decade and beyond

Pre-Conference Workshops

- ECMO Cannulation
- · Comprehensive Paediatric ECMO

Target Audience

- · Anaesthesiologists
- · Cardiologists
- · Cardiac surgeons
- · Transplant surgeons
- · Intensive care physicians
- · Paediatricians
- · Neonatologists
- · Respiratory therapists
- · Perfusionists
- · Nurses specializing in critical care or cardiac care
- · Vascular surgeons
- · Emergency medicine physicians
- · Clinical dietitians
- · Physiotherapists
- · Infectious disease specialists
- · Palliative care experts

Why attend the SWAAC ELSO 2025 Conference

SWAAC ELSO 2025 Conference offers healthcare professionals involved in ECLS therapy a unique opportunity to:

- Access the latest advancements
- · Gain expert knowledge
- · Collaborate with multidisciplinary teams
- · Learn from real-life experiences
- · Enhance practical skills
- · Gain CME Hours
- Network with peers
- · Contribute to the global development of ECLS therapy

It is an investment in your professional growth and, ultimately, in improving patient outcomes and quality of care.

Post-Conference Workshops

• Train the Trainer

ADULT TRACK

Agenda Day 1

06th February 2025, Thursday Conrad at Etihad Towers Hotel, Abu Dhabi

TIME	TOPIC	SPEAKERS
08:00 - 08:55	Registration	
08:55 - 09:00	Welcome and Introduction	
	lenary Session 1: Plenary Sessions : Global Perspectives oonam Malhotra, Alain Combes, Musaab Al-Ramsi	
09:00 - 09:20	ECMO: 2023 Year in Review	Darryl Abrams, USA
09:20 - 09:40	SWAAC ELSO: Past, present and future	Huda Alfoudri, Kuwait
09:40 - 10:00	Outcomes across the globe: how to achieve harmony	Mirko Belliato, Italy
10:00 - 10:30	Key Note Address: Abu Dhabi's vision for ECMO Keynote Moderators: Suneel Pooboni and Abdullah Shehab	Saleh Saif Al Ali, UAE
10:30 - 12:00	Inauguration	
12:00 - 13:00	Lunch Break and Industry Session	
12:00 - 12:30	ECMO industry	
12:30 - 13:00	Blood purification in Sepsis on ECMO	Oxiris/Cytosorb
	enary Session 2: Cardiogenic Shock and ECMO an Belohlavek, Ibrahim Fawzy, Gopal Bhatnagar	
13:00 - 13:20	Post cardiotomy VA ECMO: Current best practice	Roberto Lurosso, Netherlands
13:20 - 13:40	MCS Strategies for RV Failure	Eddy Fan, Canada
13:40 - 14:00	VA ECMO in patients with pulmonary hypertension: Current Best Practice	Hassan Alnuaimat, UAE
14:00 - 14:20	SVC drainage in VA ECMO	Suresh Rao, India
14:20 - 14:40	ECMO in Cardiogenic Shock: Lessons for future trials	John Fraser, Australia
14:40 - 15:00	LV faillure: Impella/ECMO/LAVA	Alain Combes, France
15:00 - 15:20	Q & A	

(15:50-17:20) Plenary Session 3: Monitoring on ECMO

Moderators: Gennaro Martucci, Rasha Buhumaid, Mohammad Shamsah

17:20	End of Day 1	
17:05 - 17:20	Q & A	
16:50 - 17:05	Nutrition assessment on ECMO	Yaseen Arabi, Saudi Arabia
16:35 - 16:50	Drug Dosing and monitoring on ECMO	Kiran Shekar, Australia
16:20 - 16:35	Respiratory mechanics on ECMO	Matthieu Schmidt, France
16:05 - 16:20	PA catheter in VA ECMO: essential or needles risk	Ahmed Hegazy, Saudi Arabia
15:50 - 16:05	Head to toe POCUS on various stages of ECMO	Jose Diaz Gomez, UAE

ADULT TRACK

Agenda Day 2

07th February 2025, Friday

Conrad at Etihad Towers Hotel, Abu Dhabi

TIME	TOPIC	SPEAKERS
07:00 - 07:55	Registration	
07:55 - 08:00	Welcome and Introduction	
	enary Session 4: Respiratory ECMO : Best practice aif Al-Kaabi, Ashraf Al Zaabi, Mohammad Azzam	
08:00 - 08:20	ECMO in trauma care: what we need to know	Ibrahim Fawzy, Qatar
08:20 - 08:40	When one circuit is not enough: Parallel ECMO in Hypoxemia	Ramanathan K, Singapore
08:40 - 09:00	Heparin free VV ECMO: has the time arrived	Thomas Mueller, Germany
09:00 - 09:20	Why intubate at all? ECMO without ventilator	Marlice Van Dyk, South Africa
09:20 - 09:40	When to change the oxygenator	Salman Butt, UAE
09:40 - 10:00	Low flow ECCOR: time to put it to rest?	Antonio Pesenti, Italy
10:00 - 10:20	Q & A	
10:30 - 11:00	Plenary Session Plenary Session Moderators: Salman Abdul Aziz, Vivek Kakar,	Robert Bartlett, USA
	Benedict Griffith	
	Benedict Griffith	
	Benedict Griffith 11:00 - 11:30 Tea and Coffee Break nary Session 5: ECMO Beyond Routine	Abdulrahman Al Fares, Kuwa
Moderators: Do	Benedict Griffith11:00 - 11:30Tea and Coffee Breaknary Session 5: ECMO Beyond Routine an Brodie, Gerry Capatos, Pranay Oza	Abdulrahman Al Fares, Kuwa Ramanathan K, Singapore
Moderators: Do	Benedict Griffith11:00 - 11:30Tea and Coffee Breaknary Session 5: ECMO Beyond Routine an Brodie, Gerry Capatos, Pranay OzaCancer and ECMO: not IF anymore	
Moderators: Do 11:30 - 11:45 11:45 - 12:00	Benedict Griffith 11:00 - 11:30 Tea and Coffee Break nary Session 5: ECMO Beyond Routine an Brodie, Gerry Capatos, Pranay Oza Cancer and ECMO: not IF anymore ECMO in Burns patients: just another challenge?	Ramanathan K, Singapore
Moderators: Do 11:30 - 11:45 11:45 - 12:00 12:00 - 12:15	Benedict Griffith 11:00 - 11:30 Tea and Coffee Break nary Session 5: ECMO Beyond Routine an Brodie, Gerry Capatos, Pranay Oza Cancer and ECMO: not IF anymore ECMO in Burns patients: just another challenge? Early mobility: How, when and who?	Ramanathan K, Singapore Aaron Thrush, UAE
Moderators: Do 11:30 - 11:45 11:45 - 12:00 12:00 - 12:15 12:15 - 12:30	Benedict Griffith 11:00 - 11:30 Tea and Coffee Break nary Session 5: ECMO Beyond Routine an Brodie, Gerry Capatos, Pranay Oza Cancer and ECMO: not IF anymore ECMO in Burns patients: just another challenge? Early mobility: How, when and who? ECMO in tropical diseases	Ramanathan K, Singapore Aaron Thrush, UAE Vivek Gupta, India
Moderators: Do 11:30 - 11:45 11:45 - 12:00 12:00 - 12:15 12:15 - 12:30 12:30 - 12:45	Benedict Griffith11:00 - 11:30Tea and Coffee Breaknary Session 5: ECMO Beyond Routine an Brodie, Gerry Capatos, Pranay OzaCancer and ECMO: not IF anymoreECMO in Burns patients: just another challenge?Early mobility: How, when and who?ECMO in tropical diseasesECMO in high risk airway surgery	Ramanathan K, Singapore Aaron Thrush, UAE Vivek Gupta, India
Moderators: Do 11:30 - 11:45 11:45 - 12:00 12:00 - 12:15 12:15 - 12:30 12:30 - 12:45 12:45 - 13:00	Benedict Griffith 11:00 - 11:30 Tea and Coffee Break nary Session 5: ECMO Beyond Routine an Brodie, Gerry Capatos, Pranay Oza Cancer and ECMO: not IF anymore ECMO in Burns patients: just another challenge? Early mobility: How, when and who? ECMO in tropical diseases ECMO in high risk airway surgery Q & A	Aaron Thrush, UAE Vivek Gupta, India
Moderators: Do 11:30 - 11:45 11:45 - 12:00 12:00 - 12:15 12:15 - 12:30 12:30 - 12:45 12:45 - 13:00 13:00 - 14:00	Benedict Griffith 11:00 - 11:30 Tea and Coffee Break nary Session 5: ECMO Beyond Routine an Brodie, Gerry Capatos, Pranay Oza Cancer and ECMO: not IF anymore ECMO in Burns patients: just another challenge? Early mobility: How, when and who? ECMO in tropical diseases ECMO in high risk airway surgery Q & A Lunch Break / Industry Session	Ramanathan K, Singapore Aaron Thrush, UAE Vivek Gupta, India

(15:00-17:00) Plenary Session 6: Pro-Con Debate Moderators: Ramanathan K, Ashraf Mahmoud Elhoufi, Juwairya

17:00	End of Day 2	
15:00 - 16:00	Poster presentation	
16:20 - 16:50	Perfusion versus Nurse led ECMO program	Samira Al Maraghi versus Emad Hakami, Saudi Arabia
15:40 - 16:20	ECMO versus Mechanical ventilation as a bridge to Lung transplant	Nick Barrett versus Alit Hussain UK/Qatar
15:00 - 15:40	ECMO versus Impella in isolated LV failure	Alain Combes versus Hussam Ghalib, France/UAE

ADULT TRACK

Agenda Day 3

08th February 2025, Saturday Conrad at Etihad Towers Hotel, Abu Dhabi

TIME	TOPIC	SPEAKERS
07:30 - 08:25	Registration	
08:25 - 08:30	Welcome and Introduction	
Moderators: Th	nary Session 7: ECMO and Transplant omas Mueller, Ali Al Obaidli, Suresh Rao	
08:30 - 08:50	Brain Death Declaration on ECMO	Akram Abdelbary, Egypt
08:50 - 09:10	ECMO for Organ Preservation	Maria Paula Gomez, UAE
09:10 - 09:30	ECMO in Liver Transplant	Georg Auzinger, England
		<u> </u>
09:30 - 09:50	ECMO as a bridge to advanced heart failure therapies: Moving beyond crash and burn	Mitesh Badiwala, UAE
09:30 - 09:50 09:50 - 10:10		Mitesh Badiwala, UAE Fadi Hamed, UAE
	Moving beyond crash and burn	

(11:00-13:00) Plenary Session 8: Addressing the Dilemma on ECMO Moderators: James Pearce, Jehad Saleh Abdalla, Obaid Al Jassim

11:00 - 11:15	Ethics: What exactly is right question	Sultan Al Amri, Saudi Arabia
11:15 - 11:30	Is it time to discuss centralization of ECMO centers (Hub and Spoke vs. Hub of Hubs	Alain Combes, France
11:30 - 11:45	How old is too old for ECMO	Nazar Bukmal, Bahrain
11:45 - 12:00	Life after ECMO: blessing or curse	Carol Hodgson, Canada
12:00 - 12:15	ECMO in Septic Shock: Who is an ideal candidate?	Matthieu Schmidt, France
12:15 - 12:30	Antimicrobial stewardship on ECMO	Gordan Samoukovic, Canada
12:30 - 12:45	Contrast imaging on ECMO: the challenges	Gennaro Martucci, Italy
12:45 - 13:00	Q&A	
13:00 - 14:00	Lunch Break / Industry Session	
13:00 - 13:30	ECMO industry	
13:30 - 14:00	Pharma industry	

(14:00-16:00)Plenary Session 9: Future Moderators: Antonio Pesenti, José L. Díaz-Gómez, Vivek Gupta

16:00 - 17:00	Maasalama	Salman Abdulaziz, Vivek Kakar
15:40 - 16:00	Setting up a mobile ECMO service	Pranay Oza, India
15:20 - 15:40	ECPR: Designing a perfect trial	Jan Belohlavek, Czech
15:00 - 15:20	Virtual reality in ECMO education	Mark Ogino, USA
14:40 - 15:00	Research Priorities for the next 10-years	Darryl Abrams, USA
14:20 - 14:40	Making a Business Case for ELSO Membership	Dan Brodie, USA
14:00 - 14:20	Whats coming up in the next decade	John Fraser, Australia

PEDIATRIC TRACK

Agenda Day 2

07th February 2025, Friday Conrad at Etihad Towers Hotel, Abu Dhabi

TIME	TOPIC	SPEAKERS
07:00 - 07:55	Registration	
07:55 - 08:00	Welcome and Introduction	
Session 1: Getti Moderators:	ng the patient on	
08:00 - 08:20	The Work of Paediatric ELSO in the SWACC Region	Jana Assy, Belgium
08:20 - 08:40	When to put a infant on ECMO	Jon Lillie, UK
08:40 - 09:00	Is ECMO really contraindicated in any child?	Matteo Di Nardo, Italy
09:00 - 09:20	How I retrieve on ECMO	Nada Al Jassim, Saudi Arabia
09:20 - 09:40	Cannulation in Paediatrics - Where are we now?	Ben Griffiths, UAE
09:40 - 10:10	Is OI an outdated tool? Round table discussion	All above morning speakers
10:10 - 10: 30	Q and A	
10:30 - 11:00	Plenary - main hall	Robert Bartlett, USA
11:00 - 11:30	Tea and Coffee Break	
Session 2: The I Moderators:	Run	
11:30 - 11:50	Bleeding on ECMO - a surgeons Perspective	Issam El Rassi, Dubai
11:50 - 12:10	CDH - Repair on ECMO?	Naga Puppula, UAE
12:10 - 12:30	When I change the Circuit	Indira Jayakumar, India
12:30 - 12:50	The unhappy couple - ECMO and Sepsis	Yasser Kazzaz, Saudi Arabia
12:50 - 13.10	Q and A	
13:10 - 14:00	Lunch Break	
Session 3: The I Moderators: Ju		
Session 3: The I		Grace Leeuwen, Qatar
Session 3: The F Moderators: Ju	dith Till	Grace Leeuwen, Qatar Peter Roeleveld, Holland
Session 3: The F Moderators: Ju 14:00 - 14:20	dith Till ECPR - is guidance ever going to be possible?	
Session 3: The F Moderators: Ju 14:00 - 14:20 14:20 - 14:40	dith Till ECPR - is guidance ever going to be possible? Is there such a thing as neuromonitoring on ECMO?	Peter Roeleveld, Holland
Session 3: The F Moderators: Ju 14:00 - 14:20 14:20 - 14:40 14:40 - 15:00	dith Till ECPR - is guidance ever going to be possible? Is there such a thing as neuromonitoring on ECMO? How I wean ECMO	Peter Roeleveld, Holland Keseva Ramakrishnan, UAE
Session 3: The F Moderators: Ju 14:00 - 14:20 14:20 - 14:40 14:40 - 15:00 15:00 - 15:40	dith Till ECPR - is guidance ever going to be possible? Is there such a thing as neuromonitoring on ECMO? How I wean ECMO We don't need a bridge - Pro/Con debate	Peter Roeleveld, Holland Keseva Ramakrishnan, UAE
Session 3: The B Moderators: Ju 14:00 - 14:20 14:20 - 14:40 14:40 - 15:00 15:00 - 15:40 15:40 - 16:00 16:00 - 16:30	dith Till ECPR - is guidance ever going to be possible? Is there such a thing as neuromonitoring on ECMO? How I wean ECMO We don't need a bridge - Pro/Con debate Q and A Tea and Coffee Break	Peter Roeleveld, Holland Keseva Ramakrishnan, UAE
Session 3: The F Moderators: Ju 14:00 - 14:20 14:20 - 14:40 14:40 - 15:00 15:00 - 15:40 15:40 - 16:00 16:00 - 16:30	dith Till ECPR - is guidance ever going to be possible? Is there such a thing as neuromonitoring on ECMO? How I wean ECMO We don't need a bridge - Pro/Con debate Q and A Tea and Coffee Break annulation	Peter Roeleveld, Holland Keseva Ramakrishnan, UAE TBC
Session 3: The F Moderators: Ju 14:00 - 14:20 14:20 - 14:40 14:40 - 15:00 15:00 - 15:40 15:40 - 16:00 16:00 - 16:30 Session 4: Deco Moderators: Via	dith Till ECPR - is guidance ever going to be possible? Is there such a thing as neuromonitoring on ECMO? How I wean ECMO We don't need a bridge - Pro/Con debate Q and A Tea and Coffee Break annulation ctoria Sheward	Peter Roeleveld, Holland Keseva Ramakrishnan, UAE TBC
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Session 3: The F Moderators: Ju 14:00 - 14:20 14:20 - 14:40 14:40 - 15:00 15:00 - 15:40 15:40 - 16:00 16:00 - 16:30 Session 4: Deco Moderators: Via 16:30 - 16:50 16:50 - 17:10 17:10 - 17:20	dith Till ECPR - is guidance ever going to be possible? Is there such a thing as neuromonitoring on ECMO? How I wean ECMO We don't need a bridge - Pro/Con debate Q and A Tea and Coffee Break annulation ctoria Sheward How long is too long on ECMO? End of life care on ECMO A Survivors story Looking back and looking forward after nearly	Peter Roeleveld, Holland Keseva Ramakrishnan, UAE TBC Malaika Mendonca, Switzerland Omer Al Dafaei, Oman SKMC patient, Abu Dhabi

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