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SWAAC ELSO

11TH ANNUAL CONFERENCE **2025**

EMPOWER - DRIVE - INNOVATE - ADVANCE

4-5 FEBRUARY, 2025
PRE-CONFERENCE
WORKSHOP

&

9-10 FEBRUARY, 2025
POST-CONFERENCE
WORKSHOP

6-8 FEBRUARY
2025
CONFERENCE

&

4-6 FEBRUARY
2025
ECMO NET MEETING

CLEVELAND CLINIC ABU DHABI

CONRAD AT ETIHAD TOWERS, ABU DHABI, UAE



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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 conjunction 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.

Dr. Salman Abdulaziz

Chair of SWAAC ELSO 2025 Conference
Consultant of Internal Medicine, Critical Care &
Cardiovascular Critical Care
Co-chair of Abu Dhabi ECMO taskforce,
Department of Health, Abu Dhabi, UAE

Dr. Vivek Kakar

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

Organizing Committee



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



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Chief of Pediatric Critical Care Unit
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Paediatric Cardiac Intensive Care consultant
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Chief Medical Officer, SEHA Kidney Care,
Abu Dhabi Health Services (SEHA)
UAE Chairman, UAE National Organ
Donation and Transplantation Committee
Abu Dhabi, UAE



Dr. Mussab Al Ramsi
Division Chief of
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Dr. Saif Al-Kaabi
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Dr. Abdulrahman Al-Blooshi
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Workshop Committee



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Dr. Fazil Ashiq
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Social Committee




Hessa Al-Shehhi
xx




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Sheereen Hassib, MSc. RD
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Manal Ahmed
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Abstract Committee



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Dr. Tala Al-Dabbous
Director, Clinical Services &
Head of Clinical Dietetics
Bayt Abdullah Children's Hospice,
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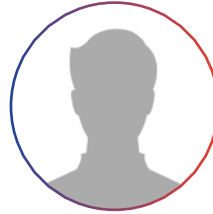
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Dr. Ala Lawati
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Prof. Poonam Malhotra
Professor, Department of
Cardiac Anaesthesia and Critical Care,
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Speakers - Adult



Prof. Daniel Brodie
Vice President and
Chief Medical Officer for Critical Care,
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Professor of Medicine,
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Co-Director, Institute of Heart &
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MGM Healthcare, India



Prof. John F Fraser
Founder and Director of the
Critical Care Research Group at
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Director of the Intensive Care Unit at
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Prof. Alain Combes
Professor of Intensive Care Medicine at
Sorbonne Université, Paris
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Prof. Matthieu Schmidt
Professor of Intensive Care Medicine
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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

Speakers - Adult



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
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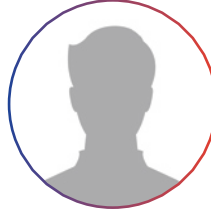


Dr. Nicholas Barrett
Consultant, critical care medicine
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Speakers - Adult



Dr. Ali Ait Hssain
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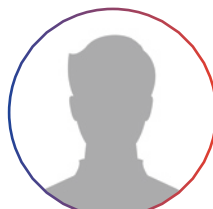
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Prof. Carol Hodgson
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Speakers - Pediatric



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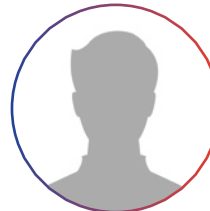
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Dr. Omar Al Dafaie
xx

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

Post-Conference Workshops

- Train the Trainer

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 attending 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.

ADULT TRACK

Agenda Day 1

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

TIME

TOPIC

SPEAKERS

(09:00-10:00) Plenary Session 1: Plenary Sessions : Global Perspectives

Moderators:

09:00 - 09:20	ECMO: 2023 Year in Review	Dan Brodie, 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	
10:00 - 10:30	Abu Dhabi's vision for ECMO	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

(13:00-15:20) Plenary Session 2: Cardiogenic shock and ECMO

Moderators:

13:00 - 13:20	Post cardiotomy VA ECMO: Current best practice	Roberto Luroso, 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 failure: Impella/ECMO/LAVA	Alain Combes, France
15:00 - 15:20	Q & A	
15:20 - 15:50	Tea and Coffee break	

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

Moderators:

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

ADULT TRACK

Agenda Day 2

07th February 2025, Friday

Conrad at Etihad Towers Hotel, Abu Dhabi

TIME	TOPIC	SPEAKERS
(08:00-10:30) Plenary Session 4: Respiratory ECMO : Best practice		
Moderators:		
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	Robert Bartlett, USA
11:00 - 11:30	Tea and Coffee break	
(11:30-13:00) Plenary Session 5: ECMO beyond routine		
Moderators:		
11:30 - 11:45	Cancer and ECMO: not IF anymore	Abdulrahman Al Fares, Kuwait
11:45 - 12:00	ECMO in Burns patients: just another challenge?	Ramanathan K, Singapore
12:00 - 12:15	Early mobility: How, when and who?	Aaron Thrush, UAE
12:15 - 12:30	ECMO in tropical diseases	Vivek Gupta, India
12:30 - 12:45	ECMO in high risk airway surgery	Brahim Housni, Morocco
12:45 - 13:00	Q & A	
13:00 - 14:00	Lunch Break / Industry session	
13:00 - 13:30	ECMO industry	
13:30 - 14:00	Sepsis in the circuit: innovation in detection - procalcitonin perspective	
14:00 - 15:00	Best Oral presentations	
(15:00-17:00) Plenary Session 6: Pro-Con debate		
Moderators:		
15:00 - 15:40	ECMO versus Impella in isolated LV failure	Alain Combes versus Hussam Ghalib, France/UAE
15:40 - 16:20	ECMO versus Mechanical ventilation as a bridge to Lung transplant	Nick Barrett vs Alit Hussain UK/Qatar
16:20 - 16:50	Perfusion versus Nurse led ECMO program	Samira Al Maraghi vs Praveen Kumar, Qatar/UAE
15:00 - 16:00	Poster presentation	
17:00	End of Day 2	

ADULT TRACK

Agenda Day 3

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

TIME	TOPIC	SPEAKERS
(08:30-10:30) Plenary Session 7: ECMO and transplant		
Moderators:		
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
09:30 - 09:50	ECMO as a bridge to advanced heart failure therapies: Moving beyond crash and burn	Mitesh Badiwala, UAE
09:50 - 10:10	ECMO as a Bridge to Lung Tranplant	Fadi Hamed, UAE
10:10 - 10:30	Q & A	
10:30 - 11:00	Tea and Cofee Break	
(11:00-13:00) Plenary Session 8: Addressing the dilemma on ECMO		
Moderators:		
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	Mohamed Shamsah, Kuwait
12:30 - 12:45	Contrast imaging on ECMO: the challenges	UAE
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:		
14:00 - 14:20	Whats coming up in the next decade	John Fraser, Australia
14:20 - 14:40	Making a Business Case for ELSO Membership	Dan Brodie, USA
14:40 - 15:00	Research Priorities for the next 10-years	Alain Combes, France
15:00 - 15:20	Virtual reality in ECMO education	Mark Ogino, USA
15:20 - 15:40	ECPR: Designing a perfect trial	Jan Belohlavek, Czech
15:40 - 16:00	Setting up a mobile ECMO service	Pranay Oza, India
16:00 - 17:00	Maasalama	

PEDIATRIC TRACK

Agenda Day 2

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

TIME TOPIC SPEAKERS

Session 1: Getting the patient on
Moderators:

8:40	Is ECMO really contraindicated in any child?	Dr Matteo Di Nardo, Italy
9:00	How I retrieve on ECMO	Nada Al Jassim, Saudi Arabia
9:20	Cannulation in Paediatrics - Where are we now?	Dr Ben Griffiths, Abu Dhabi
9:40	Is OI an outdated tool? Round table discussion	All above morning speakers
10:10	Q and A	
10:30	Plenary - main hall R Bartlett Video link	
11:00 - 11:30 Tea and Coffee break		

Session 2: The Run
Moderators:

11:30	Bleeding on ECMO - a surgeons Perspective	Dr Issam El Rassi, Dubai
11:50	CDH - Repair on ECMO?	Dr Naga Puppula, Abu Dhabi
12:10	When I change the Circuit	Dr Indira Jayakumar, India
12:30	The unhappy couple - ECMO and Sepsis	Dr Yasser Kazzaz, Saudi Arabia
12:50	Q and A	
13:10 -14:00 LUNCH		

Session 3: The Run continues - Judith Till
Moderators:

14:00	ECPR - is guidance ever going to be possible?	Dr Grace Leeuwen, Qatar
14:20	Is there such a thing as neuromonitoring on ECMO?	Dr Peter Roeleveld, Holland
14:40	How I wean ECMO	Dr Keseva Ramakrishnan, Abu Dhabi
15:00	We don't need a bridge - Pro/Con debate	Tbc
15:40	Q and A	
16:00 - 16:30 Tea and Coffee break		

Session 4: Decannulation
Moderators: Victoria Sheward

16:30	How long is too long on ECMO?	Dr Malaika Mendonca, Switzerland
16:50	End of life care on ECMO	Dr Said Al Henshi, Oman
17:10	A Survivors story	SKMC patient, Abu Dhabi
17:20	Looking back and looking forward after nearly 50 years of peadiatric ECMO	Dr Mark Ogino, USA
17:40	Q and A	

About Abu Dhabi

Abu Dhabi is the largest emirate in the United Arab Emirates, occupying 84 per cent of the national landmass territory. It has 200 islands and a long coastline stretching 700km. Its total area is 67,340 sq. km. Abu Dhabi city in the emirate is the federal capital of the UAE.

Population

According to Abu Dhabi Statistics Centre The estimated population of the emirate around mid-2016 was 2,908,173 (comprising 1,857,618 males and 1,050,555 females). 551,535 were UAE nationals and 2,356,638 were expatriates. The average annual population growth rate for the years from 2010 to 2016 was 5.6 per cent.

Location and Geography

The emirate of Abu Dhabi lies on the coast of the Arabian Gulf and is bordered by Sultanate of Oman to the east, the Kingdom of Saudi Arabia to the south and the west and the emirate of Dubai to the northeast. The three main regions of the emirate are:

- the city of Abu Dhabi
- Al Ain in the east
- Al Dhafrah (earlier known as Al Gharbia) in the west.

In the eastern region, to the south of Al Ain city is Jebel Hafeet - the emirate's highest peak (1,240 metres).

Al Dhafrah has seven main cities: Liwa, Madinat Zayed, Ghayathi, Ruwais, Mirfa, Sila and Delma Island.

The city of Abu Dhabi is connected to the mainland by four bridges: Maqta bridge, Mussafah bridge, Sheikh Zayed bridge and Sheikh Khalifa bridge.

Economy

Over the recent decades, the emirate of Abu Dhabi has undergone a significant transformation in economic growth. Due to the vision of Abu Dhabi's leaders and the abundance of oil and natural gas reserves, the emirate has grown to become a dynamic hub and major competitor on the global stage. While recognising the success of the oil sector, Abu Dhabi is working hard to reduce its hydrocarbons reliance and broaden the emirate's economy. Investment in infrastructure, tourism, transport, health and education is continuing, in line with the government's 2030 economic plan. Tourism is playing an integral role in Abu Dhabi's economic development. Major investment in new luxury resorts and business hotels is underway. Abu Dhabi has many things to offer to its visitors and residents: a versatile landscape, thriving investment hub, and a friendly environment boasting one of the highest per capita incomes and one of the lowest crime rates in the world.

Touristic Importance

Abu Dhabi has become a centre for world-class sporting events such as: the Abu Dhabi Golf Championship, the prestigious Abu Dhabi Desert Challenge cross-country rally and the Formula One Abu Dhabi Grand Prix.

In addition, the city will soon house the world's largest concentration of premier cultural institutions which will include the Sheikh Zayed National Museum, the Guggenheim Abu Dhabi and Louvre Abu Dhabi.

Abu Dhabi is rich in natural wonders too. While the emirate's famous Liwa oasis in the south of the emirate is home to some of the largest and most beautiful sand dunes in the world, the garden city of Al Ain in the foothills of Jebel Hafeet is home to several heritage sites.



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	Allied Professionals (Feb 6-8)	<input type="checkbox"/> AED 500
	Residents and Students (Feb 6-8)	<input type="checkbox"/> AED 300
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