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# 1<sup>st</sup> SKMC Respiratory Therapy Congress

Breathing Innovation: RT Leadership in the Era of Advanced Life Support

 **08-10**  
May 2026

 **Sofitel Abu Dhabi Corniche**  
United Arab Emirates



## Congress Brochure

# Welcome Message



Dear Esteemed Colleagues,

It is with great pleasure that we invite you to join us for the **1st SKMC Respiratory Therapy Congress 2026**, held under the theme **“Breathing Innovation: RT Leadership in the Era of Advanced Life Support,”** taking place on **8–10 May 2026** at the **Sofitel Abu Dhabi Corniche, UAE**.

This inaugural congress is dedicated to advancing respiratory therapy practice and strengthening leadership in pulmonary and critical care. The event will serve as a dynamic platform for knowledge exchange, innovation, and collaboration, aligned with the UAE’s vision of delivering advanced, technology-driven healthcare.

Bringing together distinguished experts, clinicians, and researchers, the congress will highlight the latest developments in AI-guided mechanical ventilation, ECMO and advanced oxygenation, pulmonary diagnostics and rehabilitation, and professional development pathways for Respiratory Therapists. Through engaging scientific sessions and interactive discussions, participants will gain practical, evidence-based insights designed to enhance patient outcomes in high-acuity clinical environments.

The program is tailored for Respiratory Therapists, allied healthcare professionals, nurses, pulmonologists, ENT physicians, family medicine specialists, neurologists, internal medicine specialists, emergency physicians, anesthesiologists, perfusionists, residents, interns, and medical students who are committed to advancing excellence in respiratory care.

In addition to a robust scientific agenda, Abu Dhabi offers an inspiring setting with its rich culture and world-class hospitality, providing the perfect backdrop for professional growth and meaningful collaboration.

Your participation will be instrumental in shaping the success and legacy of this first edition. Together, we can elevate respiratory therapy leadership and define the future of advanced life support.

On behalf of the Organizing Committee, we look forward to welcoming you to Abu Dhabi for what promises to be an impactful and inspiring inaugural congress.

Warm regards,

**Ms. Seddiqa Al Mansoori**

Congress Chair,  
Manager Respiratory Therapy Department,  
SKMC, Abu Dhabi, UAE

## Scientific & Advisory Board



**Ms. Seddiqa Al Mansoori**  
Congress Chair,  
Manager Respiratory  
Therapy Department,  
SKMC, Abu Dhabi, UAE



**Mr. Sriharsha Tatineni**  
Congress Co Chair,  
Supervisor Respiratory  
Therapy Department,  
SKMC, Abu Dhabi, UAE



**Mr. Jacob Philip**  
Scientific Committee Chair,  
Senior RT,  
Respiratory Therapy Department,  
SKMC, Abu Dhabi, UAE



**Mr. Sidy Niang**  
Scientific Committee Co Chair,  
Senior RT,  
Respiratory Therapy Department,  
SKMC, Abu Dhabi, UAE



## Congress Objectives

By the end of this educational program, participants will be able to:

- Apply advanced mechanical ventilation strategies, including adaptive and closed-loop modes, high-frequency ventilation, and ultra-lung-protective ventilation in complex critical care settings.
- Evaluate and implement evidence-based ECMO practices, including cannulation strategies, circuit management, mobilization, and post-ECMO recovery.
- Integrate AI-driven technologies and automated oxygenation systems into respiratory care while maintaining patient safety and clinical effectiveness.
- Optimize patient-ventilator synchrony and implement early liberation and fast-track extubation protocols.
- Utilize advanced bedside diagnostic and monitoring tools, including lung ultrasound, neuro-monitoring, and modern pulmonary function testing.
- Apply evidence-based approaches to ARDS management, acute brain injury ventilation, congenital diaphragmatic hernia stabilization, and neuro-respiratory disorders.
- Incorporate pulmonary and cardiopulmonary rehabilitation principles, including structured patient education and chronic disease management strategies.
- Strengthen RT leadership through implementation of RT-led protocols, research methodology, interdisciplinary collaboration, and quality improvement initiatives in advanced life support environments.

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## Highlighted Topics:

- **Future of Ventilation:** AI-guided, personalized mechanical ventilation.
- **ECMO & Advanced Oxygenation:** Best practices, mobilization, and weaning protocols.
- **Pulmonary Diagnostics, Rehabilitation & Wellness:** Community RT leadership and chronic disease management.
- **Professional Development:** RT research, education, and career pathways.

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## Target Audience

The **1st SKMC Respiratory Therapy Congress 2026** is designed for a diverse audience of healthcare professionals involved in respiratory care, pulmonary medicine, and critical care practice. The congress aims to bring together multidisciplinary teams committed to advancing innovation, leadership, and excellence in advanced life support. The target audience includes, but is not limited to, the following:

- Respiratory Therapists
- All Allied Health Care Professionals
- Nurses
- Pulmonologists
- ENT Physicians
- Family Medicine Specialists
- Neurologists
- Intensivists
- Cardiologists
- Cardio thoracic surgeons
- Internal Medicine Specialists
- Emergency Physicians
- Anaesthesiologists
- Perfusionists
- Residents & Interns
- Medical Students

# Workshops Agenda

Pre-Congress | 8 May 2026  
Sofitel Abu Dhabi Corniche

13:00 – 14:00

Registration

## Track 1

14:00-15:00

**Ventilation Modes: Intelli-ASV (Hamilton): Mastering Adaptive Support Ventilation and Intelli ASV closed-loop control.**

Speakers: Sidy Niang, Nayyar Abbas, Ambily Kurian Varghese & Edwin Varghese - Hamilton Medical

15:00-16:00 (60mins)

**P-V Tool: Lung Recruitment & PEEP Titration**

Speakers: Sidy Niang, Umesh Kumar Bylappa, Eldo Vijo Paramby & Antonio France Carvajal - Hamilton Medical

## Track 2

14:00-15:00

**Exercise Challenge Test & Cardiopulmonary Exercise Testing CPET**

Speakers: Niyas Moideen, Ehab Fuad Jaradat & Maria Christina Mendoza - (Pioneer) (Medprix)

15:00-16:00

**Airway clearance Techniques Workshop**

Speakers: Ahmed Ali Al Basha, Clavel Irinco Alido, Ferdinand Godoy De Guzman, Praveen Prabhu, Carolyn Reyes Uy - (Breas) (Air Liquide)

16:00-16:30

Coffee Break

## Track 1

16:30-17:30

**Lung Ultrasound (LUS): Bedside assessment for pneumothorax and effusions**

Speakers: Dr. Maryam Ebrahim Al Nuaimi & SKMC Team - (GE, Phantom & PHILLIPS)

## Track 2

16:30-17:30 (60mins)

**Difficult Airway Workshop: Hands-on station with video laryngoscopy and bronchoscope**

Speakers: Vijoe Thomas, Emmanuel Rodriguez, Ashwini Prabhu Prabhu, Allan Alderete Ventura, Ricardo Martinez Enriquez Jr - (Verathon & AMBU, CMAC)

# Scientific Agenda

Day 1 | 9 May 2026  
Sofitel Abu Dhabi Corniche

TIME	TOPIC	SPEAKERS
08:00-08:50	Registration	
08:50-09:00	Welcome Address and Opening Remarks by the Congress Chair	Seddiqa Al Mansoori, UAE
<b>Keynote Session 1</b>		
09:00-09:40	From Cardiac Bypass to Bedside: Early Extubation and Fast-Track Protocols	Dr. Benedict Raj Rajkumar, UAE
09:40-10:20	PARDS Different Approach for Lung Recruitment (Prospect Study)	Dr. Musaab Al Ramsi, UAE
10:20-10:40	<b>Official Inauguration Ceremony</b>	
10:40-11:00	Coffee Break   Exhibition Visit & Networking	
<b>Plenary Session 2</b>		
11:00 -11:30	Cannulation strategies, mobilization on ECMO, inter-professional teamwork, optimizing circuit management, and post-ECMO recovery/rehabilitation	Dr. Bennedict Thomas Griffiths, UAE
11:30 -12:00	AI in Respiratory Therapy: Balancing innovation	Seddiqa Al Mansoori, UAE
12:00 - 12:30	Respiratory Therapy Profession In UAE: Past, Present and Future	Dr. Manjush Karthika, UAE
12:30-13:30	Lunch Break   Exhibition Visit & Networking	
13:30-14:00	Industry Symposium 1	
14:00-14:30	Industry Symposium 2	
<b>Parallel Session 3</b>		
<b>Track 1</b>		<b>Track 2: Podium Session</b>
14:30 -14:55	Monitoring and Optimizing Patient- Ventilator Synchrony to Facilitate Early Liberation from Mechanical Ventilation Speaker: Afzal Mohamad Ali, UAE	
14:55 -15:20	RT Led protocols and practice: Driving Quality, Safety and Consistency in Patient care Speaker: Sriharsha Tatineni, UAE	
15:20 -15:45	Advanced Mechanical Ventilation Strategy Employing Volume Guaranteed Ventilation in Neonates and Infants Speaker: Nazir Alam Burki, UAE	
15:45 - 16:05	Respiratory Care Research Methodology: From Bedside Observation to Peer-Reviewed Publication Speaker: Umesh Kumar Bylappa, UAE	
16:05 -16: 30	Ultra-Lung-Protective Ventilation (ULPV): During VA & VV Extracorporeal Support. Speaker: Sidy Niang, UAE	
16:30	END OF DAY 1	

TIME	TOPIC	SPEAKERS
08:00-08:50	Registration	
08:50-09:00	Welcome Address and Opening Remarks by the Congress Chair	Seddiqa Al Mansoori, UAE

## Keynote Session 4

09:00-09:40	CPET Impact on Community	Dr. Rizwan Ali Rehman, UAE
09:40-10:10	Beyond Spirometry: Modern approaches to Lung function Testing	Dr. Jayachandran Panicker, UAE
10:10-10:30	Coffee Break   Exhibition Visit & Networking	

## Plenary Session 5

10:30 -11:00	Pulmonary & Cardiac Rehabilitation in ICU	Aaron Thrush, UAE
11:00-11:30	Neuro-Respiratory Sleep Disorders in Advanced Care: Evolving Diagnostics, Targeted Therapies, and Clinical Impact	Dr. Majid Aziz, UAE
11:30-12:00	Science of Oscillation, High Frequency Ventilation: Physiological Mechanism and Clinical Translation	Didier Moens, Switzerland
12:00-13:00	Lunch Break   Exhibition Visit & Networking	
13:00-13:30	Industry Symposium 3	
13:30-14:00	Industry Symposium 4	

## Parallel Session 6

### Track 1

14:00-14:25  
Automated Closed-Loop Oxygenation (ACLO): Reducing Hyperoxiemia Exposure in the Acute Brain Injury  
Speaker: Sanjay Sasi Kumar, UAE

14:25 -14:50  
Cardiopulmonary Rehabilitation: SMART Goal-Setting and patient education (Patient centred diet plan)  
Speaker: Fatima Mohamed Bani Hashim, UAE

14:50 -15:15  
Clinical Respiratory Therapist Role in Post Acute Care UAE Perspective  
Speaker: Marilou Panganiban

15:15 -15:35  
Pulmonary Function Test Accuracy: The critical role of operator expertise, Patient effort and Quality Reporting  
Speaker: Peter Oliver Paul Espajo, UAE

15:35 -16:00  
Congenital diaphragmatic hernia: Pre-operative stabilization and post-operative ventilation  
Speaker: Vijoe Thomas, UAE

### Track 2: Podium Session

16:00 END OF CONFERENCE

# Captured Moments

## Highlights from SKMC Past Symposium



## HOW TO REGISTER

www.skmcrtc.ae

Tel: +971 2 4919888

### Personal Details

Full Name:

Job Title:

Place of Work:

City:

Mobile:

Tel (work):

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Fax:

Yes, I would like to receive information on future events by e-mail.  I do not want my address to appear on the delegates list.

### Registration Fees

Please select the congress that is relevant to your speciality.

Category	Early Bird Congress Registration Fee Until 8 April 2026	Pre-Congress Workshops (2 of your choice) 8 May 2026
<input type="checkbox"/> Doctors	AED 650	AED 150
<input type="checkbox"/> Nurses / Allied Health	AED 400	AED 100
<input type="checkbox"/> Medical Residents	AED 300	AED 100
<input type="checkbox"/> Students	AED 200	AED 100

A confirmation email will be sent upon receipt of your registration form. Please note that full payment must be received prior to the event. Payment can be made via Online, Credit card, Cheque, Bank drafts in AED. **\*Additional 5% VAT will be Applicable on all Fees**

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### Cancellation / Substitution Policy


If you are unable to attend, a substitute delegate will be very welcome in your place. If this is not suitable, a 20% administration fee will apply. Registrations cancelled less than one week before the event are non refundable.

### Event Venue

Sofitel Abu Dhabi Corniche, UAE

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