



16th International Arab Neonatal Care Conference

📅 24th - 25th April 2026

📍 Le Méridien Dubai Hotel & Conference Centre, Dubai, UAE



Preliminary Scientific Program

16th International Arab Neonatal Care Conference

Friday Day 1 | Workshop 24th April 2026

Hall 1

Moderator: Dr. Ahmed Adel | Dr. Yamen Fayed
Dr. Charlie Briar

1. ECHO & Hemodynamics Workshop

Time	Topics/Speakers
09:00 09:05	Introduction and Welcome Dr. Khaled El-Atawi
09:05 10:00	Precision management of neonatal shock Prof. Yasser Elsayed
10:00 10:45	Introducing Functional echo to your NICU Dr. Talal AlTamimi
10:45-11:00 - Coffee Break	
11:00 12:00	Basic Echocardiography Windows Dr. Mohammed Rasool Hussein
12:00 12:30	Assessment of Hemodynamically Significant PDA Dr. Maysam Yousif Abed
Prayer Break - 12:30-14:00	
14:00 14:15	Red Flags of CHD by ECHO Dr. Mahmoud Al-Soufi
14:15 14:30	Echocardiographic Assessment of Shock Dr. Zainab Al Awadhi
14:30 14:45	Echocardiographic assessment of pericardial effusion Dr. Omar Sedawy
14:45 15:00	Echocardiographic assessment of Pulmonary hypertension Dr. Ahmed Adel
15:15 15:30	Pulmonary Hypertension Practical Dr. Talal Al Tamimi
15:30-15:45 - Coffee Break	
15:45 16:00	Pulmonary hypertension newer therapies: - Beyond Nitric Oxide: Emerging Therapies for Pulmonary Hypertension in CDH - Rethinking neonatal PH therapy: Is Treprostinil the next breakthrough? Dr. Ahmed Adel Dr. Mohamed Farah
16:00 16:15	Hemodynamics Case Scenarios Dr. Talal Al Tamimi

Hall 2

Moderator: Dr. Moustafa Hassan
Dr. Hussien Eleimy | Dr. Mohammadamin Al Boareib

2. POCUS Lung Ultrasound Workshop

Time	Topics/Speakers
09:00 09:05	Introduction and Orientation Prof. Yasser Elsayed
09:05 09:30	Ultrasound Physics and Knobology. Dr. Rola Alzir
09:30 09:55	Visible Breathing: The Power of Lung USS in Neonates Dr. Moustafa Hassan
09:55 10:20	Clinical Applications and Algorithms of Lung Ultrasound. Dr. Asmaa Abdulla
10:20 10:45	Common Station: LUS Image Acquisition Techniques. Prof. Yasser Elsayed
10:45-11:00 - Coffee Break	
Moderator: Dr. Nermeen El-Kholy Dr. Heba Ghazy Dr. Anwar Khan	
3. How to read an ECG Mastering	
11:00 11:45	Neonatal ECG interpretation in NICU Antoine Abdelmassih
11:45 12:30	Fetal Echocardiography: Cardiac Assessment Before Birth Dr. Mohammed Sulaiman
Prayer Break - 12:30-14:00	
Moderator: Dr. Amany Abdel Samed Dr. Javed Habibullah Dr. Walid Abuhammour	
4. Infection Control What & How?	
14:00 14:45	Infection Control in Healthcare, Introduction Dr. Reham Mostafa Dr. Mohamed Amro
14:55 15:00	CLABSI; Basics Dr. Ibtisam Ali Aljamsi
15:00 15:15	CLABSI; insertion bundle Dr. Abrar Khan
15:15 15:30	CLABSI; Maintenance bundle Dr. Sukena Susnerwala
15:30-15:45 - Coffee Break	

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Moderator: Dr. Amany Abdel Samed | Dr. Javed Habibullah
Dr. Walid Abuhammour

4. Infection Control What & How?

Time	Topics/Speakers
15:45 16:00	Neonatal Vascular access Dr. Nosaiba Mohamed
16:00 16:15	POCUS UVC Dr. Nishath Ahmed Liyakat
16:15 16:30	POCUS PICC/CL Dr. Suresh Kotinatot

Practical (you will attend both)

Group 1 CL Insertion & POCUS

Dr. Nishath, Dr. Suresh, Dr. Nosaiba,
Mrs. Jessie, Mrs. Soosan Varghese

To cover various CLs, PICC insertion,
Position assessment with POCUS

Group 2 CLABSI Bundle

Dr. Abrar, Dr. Sukena, Dr. Ibtesam,
Mrs. Mary Ann

(To cover Insertion & Maintenance
Bundles, Aseptic Non touch
Technique, Scrub the Hub, Dressing,
Sampling, Medications)

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Saturday Day 2 | 25th April 2026

Session 1: CHD:- Transposition of the Great Artery

Moderators: Dr. Mohamed Kasem | Dr. Yakup Ergul | Dr. Anil Kopuri | Dr. Rafia Owera



09:00 - 09:20

Dr. Mahmoud Soufi

Cardiologist role pre- and post-surgery



09:20 - 09:40

Dr. Issam Rassi

The Arterial switch operation:
Surgical repair and timing



09:40 - 10:00

Dr. Osama Hosheh

CICU Management pre- and post-surgery

10:00 - 10:10

Panel Discussion

Session 2: CNS Meningomyelocele

Dr. Mohammed Alfalasi | Dr. Ghadir Jaber | Dr. Yaser Elsaba | Prof. Hakam Yaseen



10:10 - 10:30

Dr. Avinash Hiremath

Myelomeningocele: Pediatric Surgery prospective



10:30 - 10:50

Dr. Anwar Ahmad

Neurosurgical Management
of Myelomeningocele: Timing,
Techniques, and Early Outcomes



10:50 - 11:10

Dr. Zahreddin Abusalah

Neurodevelopmental Outcomes
in Myelomeningocele: Long-Term
Challenges and Multidisciplinary Care

11:10 - 11:20 **Panel Discussion**

11:20 - 11:30 **Coffee Break**

Session 3: CDH Congenital Diaphragmatic Hernia

Moderators: Dr. Diary Abdulrahman | Dr. Shiva Shankar
Dr. Manaf Shaker AlKassab | Dr. Naguib Abdelreheim



11:30 - 11:50

Dr. Omar Abu-Sa'da

The First Golden Hours in CDH: Stabilization,
Gentle Ventilation, and Avoiding the Spiral



11:50 - 12:00

Dr. Ahmed Adel

The Failing Right Ventricle in CDH: Predicting,
Preventing, and Managing Pulmonary Hypertension



12:00 - 12:15

Dr. Omendra Narayan

Lung Growth, Chronic Morbidity, and Long-Term
Respiratory Care in CDH Survivors



12:15 - 12:30

Dr. Mamoun Al Marzouqi

Timing, Technique, and Teamwork: Surgical Repair
Strategies That Shape CDH Outcomes

12:30 - 12:40 **Panel Discussion**

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Session 4 General

Moderators: Dr. David Amaneddine | Dr. Sherif Mosaad | Dr. Yara Chaaban
Dr. Olfat Al Zaabi



12:40 - 13:10

Dr. Khaled El-Atawi

Update in Surfactant Use in Preterm Babies



13:10 - 13:30

Dr. Mahmoud Galal

Neonatal TPN: an update



13:30 - 13:50

Dr. Aiman Rahmani

Neonatal Sepsis: A Clinical Framework
for Early Recognition and Management



13:50 - 14:10

Dr. Eslam Elbaroudy

Myth & Truth

14:10 - 14:20 **Panel Discussion**

14:20 - 15:00 **Lunch & Prayer Break**

Session 5 General

Moderators: Dr. Khaled El Atawi | Dr. Shoaib Shahzad Khan | Dr. Fozi Dakilah
Dr. Monika Kaushal | Dr. Mohamed Sadik



15:00 - 15:20

Dr. Maysa Mohamed

Neonatal Endocrinal Emergencies



15:20 - 15:40

Dr. Antoine Abdelmassih

Neonatal heart failure
causes and management



15:40 - 16:00

Dr. Maria Weissenboeck

Psychological Impacts of Premature Birth on Infants and Maternal Well-Being



16:00 - 16:20

Prof. Tarik Barakat

Pediatric Lower GI Bleeding:
Clinical case Scenarios

16:20 - 16:30 **Panel Discussion**

16:30 - 16:40 **Coffee Break**

Session 6: Metabolic diseases

Moderator: Dr. Maysa Mohamed | Dr. Madiha Fathi | Dr. Samir Munir



16:40 - 17:00

Dr. Manal Mostafa

Pediatric guide to Positive Neonatal screening for Endocrine disorders



17:00 - 17:20

Dr. Majid Alsaleh

Cystic Fibrosis Newborn Screening:
Early Detection for Early Intervention



17:20 - 17:40

Dr. M. Fahed Abdullah

Silent threats: Hematologic disorders unveiled by Neonatal Screening



17:40 - 18:00

Dr. Heba Salah

IEM positive Neonatal Screening Cases

18:00 - 18:10 **Panel Discussion**

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Hall 1

Moderator: Dr. Manzoor Ahmed | Dr. Afnan Abdalla
Dr. Ibtisam Ali Aljasmí

5. Neonatal Ventilation Workshop

Time	Topics/Speakers
09:00 09:10	Welcome & Introduction
09:10 09:50	Basics of Mechanical Ventilation: Conventional Ventilation Dr. Alaa Mohammed Khair
09:50 10:20	High-Frequency Ventilation Dr. Khaled El Atawi
10:20 10:45	Lung Hypoplasia/CDH Dr. Fares Chedid
10:45 11:15	Respiratory Distress Syndrome Dr. Mohammed Sheta
11:15 - 11:30 Coffee Break	
11:30 11:55	Meconium Aspiration Syndrome Dr. Junaid M. Khan
11:55 12:20	Bronchopulmonary dysplasia Dr. Junaid M. Khan
12:20 12:45	Pulmonary Interstitial Emphysema Dr. Mohammed Farah
12:45 13:00	Wrap-up & Closing Remarks

Hall 1

Moderator: Dr. Samar Almutaser
Dr. Nosaiba Mohamed

6. Cranial USS Workshop

Time	Topics/Speakers
13:00 13:25	Registration and Pre-Workshop Quiz All Faculty
13:25 14:00	Principles and Technique of Neonatal Cranial Ultrasound: Indications, Acoustic Windows, Probes, and Standard Scanning Dr. Yasmine Farghaly
14:00 - 15:00 Lunch Break	
15:00 15:25	Normal Neonatal Cranial Ultrasound: Standard Anatomy, and Common Variants Dr. Ganga Devi Rajapandian
15:25 15:50	IVH: Recognition, Grading, Complications, and Structured Reporting Dr. Samar Almutaser
15:50 16:10	Early White Matter Injury: Ultrasound Markers of PVL and Diffuse White Matter Changes Dr. Saja Tahir
16:20 16:45	Limitations and Pitfalls of Cranial Ultrasound: Artifacts, Missed Lesions, and Indications for MRI Dr. Sukanya Vrushabhendra
16:40 - 16:50 Coffee Break	
16:50 17:05	Post-Workshop Quiz & Closing Remarks and Feedback



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info@dubaicme.com | www.dubaicme.com

Office 704, Saheel 2 Business tower,
Al Nahda 1, Dubai - UAE; P.O.Box 9501
+971 4361 5929 | +9715299 77290