

 **WORKSHOP**

PEDIATRIC & NEONATAL NON-INVASIVE VENTILATION COURSE



 Hashem **Alhashemi**



 Marte **Odena**



 Alberto **Madina**



 Manu **Sundaram**



 Arun **Bansal**



 Paula **Avram**




 Reinout **Mildner**



 Abdulrahman **Aldaithan**

 **30|31** JANUARY
2025

 09:00 AM
17:00 PM

 **FARWANIYA**
HOSPITAL

 **12** C M E
POINTS



WORKSHOP

PEDIATRIC & NEONATAL NON-INVASIVE VENTILATION COURSE

WORKSHOP TIMETABLE | 30 JANUARY 2025

Time	NIV Workshop for Doctors	Faculty	Time	Basic MV for nurses	Faculty
07:30 – 08:00	Registrations & Breakfast		07:00 – 07:30	Registrations & Breakfast	
08:00 – 08:30	Welcome and Share learning	LF MS	07:30 – 08:30	Basic Respiratory Physiology	RM
08:30 – 08:50	How to begin NIV? ICEMAN Methodology	MP	08:30 – 09:30	Conventional Ventilation Modes (Workshop)	PA, RM, AM
08:50 – 09:20	Know your Indications & contraindications	MS			
09:20 – 09:40	Understanding the modes	AB	09:30 – 10:30	Pressure Support Ventilation (Workshop)	PA, RM, AM
09:40 – 10:30	Hands on Material needed for NIV, Four groups	MP, MS, AB			
10:30 – 11:00	Coffee Break		10:30 – 11:00	Coffee Break	
11:00 – 12:00	Skill Station 1 Home NIV Scenario	MS	11:00 – 11:30	Oxygenation & Hypoxemia	RM
12:00 – 13:00	Skill station 2 PICU Specific NIV machine	MP/PA	11:30 – 12:00	pARDS	AM
			12:00 – 12:45	Lunch	
13:00 – 14:00	LUNCH		12:45 – 13:30	How to Begin NIV, ICEMAN	MS
14:00 – 14:45	Skill Station 3 ICU machine	AB/RM	13:30 – 14:30	Obstructive Disease (Workshop)	PA, RM, AM
14:45 – 15:00	COFFEE		14:30 – 14:45	COFFEE	
15:00 – 15:45	Skills Stations 4 (CPAP, HFNC)	Daithan	14:45 – 15:30	Skills Stations: Ventilator Setup, Monitoring, FiO2 Calculation	PA, RM, AM
15:45 – 16:00	Discussion & Windup for Day 1	Faculty 1	15:30 – 16:00	Feed Back & Closing remarks	Faculty 6



WORKSHOP

PEDIATRIC & NEONATAL NON-INVASIVE VENTILATION COURSE

WORKSHOP TIMETABLE | 31 JANUARY 2025

Time	NIV Workshop for Doctors	Faculty	Time	Basic MV for nurses	Faculty
07:30 – 08:00	Registrations & Breakfast		07:00 – 07:30	Registrations & Breakfast	
08:00 – 09:00	Scenario 1-CPAP	AB/MP	07:30 – 08:30	Basic Respiratory Physiology	RM
09:00 – 10:00	Scenario 2- BIPAP	AM/MS	08:30 – 09:30	Conventional Ventilation Modes (Workshop)	PA, RM,
			09:30 – 10:30	Pressure Support Ventilation (Workshop)	PA, RM,
10:00 – 10:30	Coffee		10:15 – 10:30	Coffee Break	
10:30	Simulation – Failure Analysis Hypoxia	MP/AB	10:30 – 11:00	Oxygenation & Hypoxemia	RM
11:30			11:00 – 11:30	pARDS	AM
11:30-13:00	Prayers and Lunch				
13:00-14:00	Simulation- Failure analysis Hypercapnia	AM/MS	13:00 – 13:45	How to Begin NIV, ICEMAN	MS
14:00-14:30	NAVA in NIV	MP	13:45 – 14:45	Obstructive Disease (Workshop)	PA, RM, AM
14:30-15:00	COFFEE		14:45 – 15:00	COFFEE	
15:00-15:45	Video Scenarios, Sedation in NIV Feeding in NIV		15:00 – 15:45	Skills Stations: Ventilator Setup, Monitoring, FiO2 Calculation	PA, RM, AM
15:45- 16:00	Feed Back & Closing remarks	D	15:30 – 16:00	Feed Back & Closing remarks	Faculty 6



WORKSHOP

**PEDIATRIC & NEONATAL NON-INVASIVE
VENTILATION COURSE**

COURSE OBJECTIVES:

1. Understand the principles of Non- Invasive Ventilation.
2. Learn the physiological basis and mechanisms of action of NIV in pediatric critical care.
3. Recognize the indications and contraindications for using NIV in pediatric patients.
4. Familiarize with equipment and interfaces:
5. Optimize patient management.

COURSE PRE-REQUISITE:

1. Registration
2. Basic knowledge of NIV, Mechanical Ventilation and Blood gases analysis.
3. Revise the course material.

TARGET AUDIENCE:

- NIV Course
 - Pediatric Intensive care physician
 - Respiratory Therapist
- MV course
 - PICU nurses
 - Respiratory Therapist

REGISTER NOW

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1-3 FEBRUARY
2025
KUWAIT CITY

PRE CONFERENCE
WORKSHOP
30 - 31 JANUARY

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