



5th - 7th APRIL 2018

EVENT CENTRE, DUBAI FESTIVAL CITY, UNITED ARAB EMIRATES

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MECHANICAL VENTILATION BASIC PROGRAM

Course Director: Dr. Zeyad Alrais 

Objectives

- To review the physiology and indications of the need for mechanical ventilation.
- To improve understanding of the basic concepts of mechanical ventilation including the various modes and parameters of mechanical ventilation.
- To update clinicians on the ventilatory management of respiratory failure in specific diseases and complications associated with mechanical ventilation.
- To familiarize health care professionals with the various techniques in monitoring patients on mechanical ventilators.
- To develop knowledge of methods of discontinuing ventilatory support (weaning)

Target audience

- Physicians
- Residents
- Respiratory Therapists
- Critical Care Nurses, and/or other health care professionals providing mechanical ventilatory support.

6th APRIL 2018

Time	Topic	Speaker
08:00 – 08:30	Registration	
08:30 – 09:00	Physiology of Breathing	Dr. Zeyad Alrais
09:00 – 09:30	Introduction to Mechanical Ventilation Indications Parameters	Mr. Yasser Ajina
09:30 – 10:00	Components of Mechanical Ventilators Machinery Circuit Humidifier	Mr. Almir Smajlovic
10:00 – 10:30	Coffee Break	
10:30 – 11:00	Basic Ventilator Management – Slide No. 8 Ventilation Oxygenation	Mr. Yasser Ajina
11:00 – 11:30	Basic Ventilator Setup: TV, Rate, Flow Trigger Sensitivity Alarms	Mr. Almir Smajlovic
11:30 – 12:00	Volume Controlled Ventilation - Slide No. 7	Mr. Almir Smajlovic
12:00 – 14:00	Lunch Break	
Workshops Mr. Yasser Ajina, Mr. Almir Smajlovic, Mr. Giovanni Ronquillo, Mr. Francis P. Rivera, Mr. Joseph M. Awayan		
14:00 – 15:00	Volume Controlled Ventilation Setup - Slide No. 7	
15:00 – 16:00	Basic Management of Ventilated Patients- Clinical Scenarios - Slide No. 9	

7th APRIL 2018

Time	Topic	Speaker
08:00 – 08:30	Registration	
08:30 – 09:00	Pressure Controlled Ventilation - Slide No. 7	Mr. Almir Smajlovic
09:00 – 09:30	Management of Patients ventilated with PCV - Slide No. 7	Mr. Almir Smajlovic
09:30 – 10:00	Monitoring of Ventilated Patients	Mr. Yasser Ajina
10:00 – 10:30	Coffee Break	
10:30 – 11:00	Complications of Mechanical Ventilation - Slide No. 12	Mr. Yasser Ajina
11:00 – 11:30	Discontinuing Mechanical Ventilation	Mr. Almir Smajlovic
11:30 – 12:00	Infection Control Considerations in the ICU - Slide No.12	Mr. Almir Smajlovic
12:00 – 14:00	Lunch Break	
Workshops Mr. Yasser Ajina, Mr. Almir Smajlovic, Mr. Giovanni Ronquillo, Mr. Francis P. Rivera, Mr. Joseph M. Awayan		
14:00 – 14:45	Pressure Controlled Ventilation Setup - Slide No. 7	
14:45 – 15:30	Basic Management of Ventilated Patients- Clinical Scenarios - Slide No. 9	