

Introduction

The course will focus heavily on interactive workshops, live demonstration, simulation and case studies to augment lectures reviewing fundamentals of this important life sustaining technology. The course will deliver key messages that will guide the clinician towards evidence based application of mechanical ventilation. In addition, a variety of different devices will be available to allow participants to actually set up novel approaches and various feedback loops.

Program Objectives

This conference is intended to provide attendees with up-date research and information to be able to:

1. Understand and comprehend the basic modes of mechanical ventilation
2. Discuss basic principles of mechanical ventilation related to disease management
3. Understand the basic monitoring on Mechanical ventilation
4. Understand the different mechanical ventilation complications
5. Describe basic airway anatomy.
6. Describe clinical situations in which oxygen, bag-valve-mask ventilation or intubation may be needed, and review various airway-related emergency situations that may occur with sedated patients, including laryngospasm, foreign-body obstruction, emesis and aspiration, and bronchospasm.

Intended Audience

This program is intended for clinicians who have responsibility for the mechanical ventilatory management of critically ill or injured patients. These clinicians include the following:

1. All physicians working in intensive care units and dealing directly with ventilated patients and Critical care practitioners
2. Internal medicine, anesthesia, surgery and emergency room residents in training.
3. Respiratory therapists and anesthesia technicians in training or practitioners

Description of the Course

1. 1 day course: total of 60 participants
2. Two levels, basic and advanced
3. Case studies in simulation
4. 2 parallel hand-on workshops: Each workshop 2 groups.
Max of 14 participants in each workshop

Course Coordinators:

- Mashni Al Saeed

Speakers: See Agenda Below

Agenda

16, October, 2017

Time	Program/Activity	
08:25- 08:30	<i>Welcome</i>	<i>Sameh Sejiney, MD</i>
08:30-09:00	<i>Airway Management</i>	<i>Tariq Syed , MD</i>
09:00-09:30	<i>Introduction to Invasive Mechanical Ventilation</i>	<i>Mohammad Al Menawi, MD</i>
09:30-10:00	<i>Non-invasive Mechanical ventilation</i>	<i>Mashni Al Saeed, MscBSM</i>
10:00-10:15	BREAK	
10:15-12:30 Workshops and Simulation		
Workshops		
10:15-11:15	<i>Invasive Mechanical Ventilation</i>	<i>M. Al Menawi, MD / Ali Hussien RT</i>
10:15-11:15	<i>Airway Management</i>	<i>T. Syed, MD / Ahmed Ahmed RT</i>
Break		
11:30-12:30	<i>Airway Management</i>	<i>Adel Aladdin, MD/ Mashni Al Saeed MscBSM</i>
11:30-12:30	<i>Invasive Mechanical Ventilation</i>	<i>Yasser Qureshi, MD/ Samer Al thaqafi, RT</i>

Workshops Details

	A	B
10:15-11:15	Airway Management	invasive Mechanical Ventilation
11:30-12:30	Airway Management	Invasive Mechanical Ventilation