

Mechanical Ventilation Training for IC Clinicians

Agenda

Day 1: 04.12.2015

TIME	TOPIC	PRESENTER
08:20 – 08:30	Welcome & Introduction	Everyone
08:30 – 09:00	Basic Principles of lung physiology: gas exchange	Nicolo Patroniti
09:00 – 09:30	Basic Principles of lung physiology: respiratory mechanics	Giacomo Grasselli
09:30 – 10:00	Principles of mechanical ventilations:	
10:00 – 10:30	Coffee & Tea Break	
10.30 – 11:00	Control modes of ventilation: theory	Nicolo Patroniti
11:00 – 12:30	Control modes of ventilation: practice with simulation	Giacomo Grasselli
12:30 – 13:30	Lunch	
13.30 – 14:00	Assisted mode of ventilation: ACV, PSV, PRVC	Nicolo Patroniti
14:00 – 14:30	Spontaneous assisted ventilation: Why, When, How	Giacomo Grasselli
14:30 – 15:00	Monitoring during assisted ventilation: patient effort and synchrony.	
15:00 – 15:30	Coffee & Tea break	
15:30 – 16:00	Monitoring during assisted ventilation: patient effort and synchrony.	Nicolo Patroniti
		Giacomo Grasselli
16:00 – 17:30	Setting PSV: theory and practice with clinical scenario and simulation	RRT Liu Yaping RRT Yan Weber
17:30	Q & A	All
	End of Day 1	

Mechanical Ventilation Training for IC Clinicians

Agenda

Day 2: 05.12.2015

TIME	TOPIC	PRESENTER
08:30 – 09:15	Ventilation of the ARDS patients: setting PEEP- FiO2- VT	Nicolo Patroniti Giacomo Grasselli
09:15 – 09:45	Assisted ventilation in ARDS patients	RRT. Liu Yaping
09:45 – 10:30	How to use the ventilator to recruit and monitor the patient: practice with clinical scenario and hands-on	RRT. Yan Weber
10:30 – 11:00	Coffee & Tea Break	
11:00 – 11:30	Ventilation of the COPD patient	Nicolo Patroniti Giacomo Grasselli
11:30 – 12:00	Principles of non-invasive ventilation: CPAP-PSV	
12:00 – 12:30	Practical management of non-invasive ventilation	
12:30 – 13:30	Lunch	
13:30 – 14:00	NAVA principles	Nicolo Patroniti
14:00 – 14:30	NAVA setting with clinical scenario	Giacomo Grasselli
14:30 – 15:00	Coffee & Tea break	
15:00 – 15:30	Special clinical situations: patients with bronchopleural fistula and leaks	Nicolo Patroniti Giacomo Grasselli
15:30 – 16:00	Weaning from mechanical ventilation	Nicolo Patroniti Giacomo Grasselli
16:00 – 16:30	Q &A End of Mechanical Ventilation Training	All

ECMO Training for Intensive Care Clinicians

Agenda

Day 1: 07.12.2015

TIME	TOPIC	PRESENTER
08:20 – 08:30	Welcome & Introduction	Everyone
08:30 – 09:30	Physiopathology of ARDS & indications to ECMO	Nicolo Patroniti Giacomo Grasselli
09:30 – 10:00	Principles of ECMO: General description of extracorporeal techniques with the aim of describing main type of ECMO techniques available (VV, VA, AV)	Nicolo Patroniti Giacomo Grasselli
10:00 – 10:15	Coffee & Tea Break	
10:15 – 12:30	Extracorporeal circuitry: Oxygenators, pumps, cannulas. Basic circuit design Priming practice	Nicolo Patroniti Giacomo Grasselli Wang Hua Zhang Zhe
12:30 – 13:30	Lunch	
13:30 – 14:30	Physiology of gas exchange of the natural and the artificial lung	Giacomo Grasselli Nicolo Patroniti
14:30 – 15:00	Physiology of native-artificial lung interaction	Giacomo Grasselli Nicolo Patroniti
15:00 – 15:20	Coffee & Tea Break	
15:20 – 17:20	Cannulas & Decannulation: Practice & hand on with simulators	Giacomo Grasselli Nicolo Patroniti
17:20 – 17:30	Q &A	All

ECMO Training for Intensive Care Clinicians

Agenda

Day 2: 08.12.2015

TIME	TOPIC	PRESENTER
09:00 – 09:30	Starting ECMO: principles examples & cases	Nicolo Patroniti Giacomo Grasselli
09:30 – 10:00	Management of anticoagulation	Nicolo Patroniti Giacomo Grasselli
10:00 – 10:30	Monitoring patient and ECMO circuit	Nicolo Patroniti Giacomo Grasselli
10:30 – 10:50	Coffee & Tea Break	
10:50 – 11:50	Setting ventilator and management of patient during ECMO: clinical examples	Nicolo Patroniti Giacomo Grasselli
11:50 – 12:00	Q & A	All
12:00 – 13:00	Lunch	
13:00 – 14:00	Complication during ECMO: Handling hemorrhage; Pneumothorax; Invasive procedure	Giacomo Grasselli Nicolo Patroniti
14:00 – 16:00	Changing the circuit with practice	Zhang Zhe Wan Hua Giacomo Grasselli Nicolo Patroniti
16:00 – 16:20	Coffee & Tea Break	
16:20 – 17:00	Weaning and disconnection from ECMO with clinical examples	Giacomo Grasselli Nicolo Patroniti
17:00 – 17:30	Q & A	All
End of ECMO Training		