



The Intensive Connection



Master Class Programme

ADVANCED BEDSIDE MONITORING IN ACUTE RESPIRATORY FAILURE

Dates: November 5-6, 2019

Location: ESICM Training Centre, 19 Rue Belliard, 1040 Brussels, Belgium

Day 1, November 5, 2019

- 10:30 Welcome and introduction (JM, TM)
- 11:00 Rationale for advanced monitoring in acute respiratory failure (TM, JMA)
- 11:20 Respiratory mechanics, waveforms interpretation, oesophageal pressure, ultrasound & EIT
Moderated session (CV, JMA, DC, DG or FM, OR. Moderator: TM)
- 12:20 Workshop introduction and group rotations (JMA)
- 12:30 LUNCH
- 13:15 Workshops

	Respiratory mechanics: basics (CV, DC)	EIT: technical principles and main output (OR, DG)	Waveforms interpretations (JMA, LR)	Meet the expert (JM, TM, FM)
13:15-14:00	GROUP A	GROUP D	GROUP C	GROUP B
14:00-14:45	GROUP B	GROUP A	GROUP D	GROUP C
14:45-15:30	GROUP C	GROUP B	GROUP A	GROUP D
15:30-16:15	GROUP D	GROUP C	GROUP B	GROUP A

16:15 Break and group rotations

16:45 Parallel sessions: Oesophageal pressure and Lung and diaphragm ultrasound

	Oesophageal pressure		Lung and diaphragm ultrasound	
	Hands-on session (JMA, JM, OR)	Clinical Study Workshop (TM, DG)	Hands-on session (LR, DC)	Clinical Study Workshop (CV, FM)
16:45-17:45	Group A	Group B	Group C	Group D
17:45-18:45	Group B	Group A	Group D	Group C

18:45 Wrap up (JMA, TM)

19:00 Networking cocktail

20:00 END



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Day 2, November 6, 2019

08:30 Objectives of the day (JMA)

08:45 Parallel sessions: Oesophageal pressure and Lung and diaphragm ultrasound

	Oesophageal pressure		Lung and diaphragm ultrasound	
	Hands-on session (JMA, JM, OR)	Clinical Study Workshop (TM, DG)	Hands-on session (LR, DC)	Clinical Study Workshop (CV, FM)
08:45 -09:45	Group C	Group D	Group A	Group B
09:45 -10:45	Group D	Group C	Group B	Group A

10:45 Coffee break

11:05 Clinical applications of monitoring: introduction and group rotations (TM)

11:15 Monitoring in the clinical practice (case-based sessions)

	Monitoring during assisted ventilation (LR, CV, FM)	Monitoring during controlled ventilation (DG, TM, DC)	Monitoring non-intubated patients (OR, JM, JMA)
11:15-12:00	Group Red	Group Blue	Group Yellow
12:00-12:45	Group Yellow	Group Red	Group Blue
12:45-13:30	Group Blue	Group Yellow	Group Red

13:30 LUNCH WITH THE LEARNERS

14:15 Small group work: What monitoring tools do I need in

1. ARDS (Group Red) (TM, DG, DC)
2. COPD (Group Yellow) (JMA, CV, JM)
3. The weaning phase (Group Blue) (LR, OR, FM)

15:45 Wrap up & Final questions (TM, JMA)

16:30 END

List of speakers: JM: J Mancebo, TM: T Mauri, JMA: JM Arnal, OR: O Roca, DC: D Chiumello, CV: C Volta, LR: L Roesthuis, DG: D Grieco, FM: F Mojoli