



The Intensive Connection



**FOUNDATION COURSE (INTRODUCTORY)
IN ACUTE RESPIRATORY FAILURE & MECHANICAL VENTILATION**

February 23-24, 2023

Day 1, February 23, 2023

09:00	Welcome/Objectives of the Day/ Ice-breaking activity	<i>L. Camporota / O. Roca</i>
09:30	Fundamentals of physiology gas exchange	<i>O. Roca</i>
10:15	Equation on motion for passive breathing	<i>R. Coudroy</i>
10:45	Fundamentals of respiratory mechanics	<i>L. Camporota</i>
11:30	BREAK	
11:45	Basic concepts of non-invasive respiratory support	<i>D. Grieco</i>
12:15	Airway management and intubation	<i>G. Bellani</i>
12:45	Q&A	
13:00	LUNCH	
14:00	Welcome back	<i>L. Camporota / O. Roca</i>
14:05	Case study workshop	<i>R. Coudroy</i>
14:45	Lung volumes, PV curves and ventilatory waveforms	<i>E. Spinelli</i>
15:15	Modes of ventilation: how do they work	<i>G. Bellani</i>
16:15	BREAK	
16:30	Basic modes of mechanical ventilation	<i>D. Grieco</i>
17:15	Basic thoracic imaging: LUS & CT. What you need to know	<i>A. Jonkmann & L. Roesthuis</i>
18:00	END DAY 1	



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Day 2, February 24, 2023

09:00	Welcome/Objectives of the Day	<i>L. Camporota / O. Roca</i>
09:15	Lung protective ventilation & MV in ARDS	<i>D. Grieco</i>
10:15	Prone position: fundamentals	<i>C. Guerin</i>
10:45	Case study workshop	<i>E. Spinelli</i>
11:30	BREAK	
11:45	Ventilation in COPD: clinical case-based discussion	<i>O. Roca</i>
12:45	Q&A	
13:00	LUNCH	
14:00	Welcome back	<i>L. Camporota / O. Roca</i>
14:05	Basic concepts of patient-ventilation interaction	<i>M. Pellegrini</i>
14:50	Weaning: the basics	<i>L. Roesthuis</i>
15:50	BREAK	
16:00	Mechanical ventilation during patient transport	<i>E. Spinelli</i>
16:15	Case study workshop	<i>C. Guerin</i>
17:00	The final contest	<i>L. Camporota / O. Roca</i>
17:30	Final wrap up	<i>L. Camporota / O. Roca</i>
17:45	END COURSE	