

**ADVANCED COURSE
IN ACUTE RESPIRATORY FAILURE & MECHANICAL VENTILATION**

October 10-11, 2026

Lisbon, Portugal

Day 1 - Afternoon session

Moderators: L. Camporota & L. Heunks

12:30	Welcome, Objectives of the Day and Ice-breaker	<i>M. Antonelli & L Piquilloud</i>
12:45	The 'transition phase' of mechanical ventilation: what are the issues of the switch to assisted ventilation	<i>G. Carteaux</i>
13:15	Respiratory drive and effort: Core concepts and Clinical implications	<i>J. Doorduyn</i>
13:45	Monitoring Respiratory drive and effort at the bedside	<i>D Grieco</i>
14:15	<i>Coffee break with the learners</i>	
14:45	Achieving lung and diaphragm protective ventilation: how to set the ventilator	<i>L. Camporota</i>
15:15	Practical demonstration <i>F. Collino, R. Coudroy & D Grieco</i>	
15:45	Clinical case: introduction	<i>F. Collino</i>
16:15	Clinical case: discussion	<i>All faculty</i>
17:30	A framework for managing transition to spontaneous ventilation: create together a bedside algorithm	<i>A Demoule</i>
18:30	End Day 1	

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Day 2 – Morning session

Moderators: A. Demoule & O. Roca

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| 09:00 | Welcome and setting the scene | <i>M. Antonelli & L Piquilloud</i> |
| 09:15 | Patient-ventilator desynchrony: from physiology to bedside | <i>A. Demoule</i> |
| 10:00 | Patient-ventilator desynchrony: does it matter? | <i>L. Heunks</i> |
| 10:30 | Practical demonstration
<i>A Demoule, J. Doorduyn & L Piquilloud</i> | |
| 11:00 | <i>Coffee break with the learners</i> | |
| 11:30 | Clinical case: introduction | <i>A. Demoule</i> |
| 12:00 | Clinical case: discussion | <i>All faculty</i> |
| 13:15 | Lunch with the Learners | |

Day 2 – Afternoon session

Moderators: R. Coudroy & D Grieco

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| 14:15 | Tracheostomy in critical care: why, when, how | <i>M. Antonelli</i> |
| 14:45 | Bedside management of the tracheostomised patient | <i>M. Antonelli</i> |
| 15:30 | Practical demonstration of tracheostomy care
<i>F Collino, M. Antonelli & M Pellegrini</i> | |
| 16:15 | <i>Coffee break with the learners</i> | |
| 16:45 | Tracheostomy: the do's and don'ts and common pitfalls | <i>L. Piquilloud</i> |
| 17:15 | From Evidence to practice: A framework for care and open questions | <i>O. Roca</i> |
| 18:15 | Last and lost questions | <i>All faculty</i> |
| 18:30 | End Day 2 | |