



*The Intensive Connection*



**ADVANCED MASTER COURSE (INTEGRATION AND SIMULATION)  
IN ACUTE RESPIRATORY FAILURE & MECHANICAL VENTILATION**

**October 21-22, 2023  
Face-to-face, Milan, Italy**

**DAY 1 – October 21, 2023: How should we set PEEP?**

**Afternoon session**

*Moderators: L Heunks, L Piquilloud*

- |       |   |  |
|-------|---|--|
| 13:30 | Welcome/Objectives of the Day/ Ice-breaking activity        | <i>L Camporota, L Heunks, L Piquilloud</i> |
| 13:45 | Case presentation and summary of the Evidence               | <i>L Heunks</i>                            |
| 14:05 | What is the PEEP-setting strategy and goal in this patient? | <i>Participants</i>                        |

**Individualized PEEP setting**

- |       |  |                     |
|-------|--|---------------------|
| 14:25 | How does EIT help reach my goal?                         | <i>M Amato</i>      |
| 14:55 | How does bedside recruitability test help reach my goal? | <i>L Brochard</i>   |
| 15:25 | How does esophageal balloon help reach my goal?          | <i>L Piquilloud</i> |
| 15:55 | Demonstration and discussion of techniques               |                     |
| 16:30 | BREAK  |                     |

*Moderators: R Coudroy, L Heunks, L Piquilloud*

- |       |  |                              |
|-------|--|------------------------------|
| 16:50 | What can Lung/diaphragmatic ultrasound help reach my goal? | <i>A Demoule</i>             |
| 17:20 | How stress index helps reach my goal?                      | <i>M. Dres, M Pellegrini</i> |
| 17:40 | Does lung hysteresis help me reach my goal?                | <i>L Camporota</i>           |
| 18:00 | Demonstration and discussion                               |                              |
| 18:30 | END DAY 1  |                              |



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## **DAY 2 – October 22nd, 2023**

### **Morning session**

*Moderators: R Coudroy, L Heunks, L Piquilloud*

09:00 Welcome/Objectives of the Day/Short summary of the first day

*L Camporota, L Heunks, L Piquilloud*

### **Individualized PEEP setting**

09:30 Effect of PEEP beyond the lung

*L Camporota*

10:00 How to put this altogether?

Participants and faculty

10:30 Q&A

10:45 BREAK

### **The transition from controlled and assisted ventilation?**

*Moderators: D Grieco, L Heunks*

11:00 Introduction of the topic and discussion with the participants: how do you manage the transition from controlled to assisted ventilation in practice

*L Heunks / L Piquilloud*

11:15 What is P-SILI?

*L Brochard*

12:00 Can we predict safe transition to assisted ventilation?

*L Gattinoni*

12:25 What is diaphragm protective assisted ventilation?

*L Heunks*

12:45 Q&A

13:00 LUNCH

### **Afternoon session**

*Moderators: G Carteaux, L Heunks, L Piquilloud*

14:00 Respiratory drive and effort: the concepts

*D Grieco, L Piquilloud*

14:30 How can I monitor Respiratory drive and effort? (Pes/Pocc/P0.1/US)

*A Demoule, M Pellegrini*

15:00 Demonstration and discussion of techniques

*M Dres, M Pellegrini*



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15:45 Haemodynamic challenges in transition to assisted ventilation *M Dres*

16:10 BREAK

16:40 Case discussion: When and how to modulate the drive and effort?

*R Coudroy, D Grieco*

*Moderators: L Heunks, L Piquilloud*

17:10 Quiz to address the key messages of the 2 days

*G Carteaux, R Coudroy, D Grieco*

17:30 Q&A

18:00 END DAY 2

Preliminary