



The Intensive Connection



## TRANSITION COURSE (APPLICATION) IN ACUTE RESPIRATORY FAILURE & MECHANICAL VENTILATION

June 27-28, 2024

### Day 1, June 27, 2024

#### Morning session

*Moderators: A. Demoule, L. Piquilloud*

09:00 Welcome/Objectives of the Day / Ice breaking activity

*A. Demoule, L. Piquilloud*

#### **Protective ventilation in ARDS**

09:10 ARDS: the key concepts of protective mechanical ventilation, from physiopathology to bedside

*Interactive session*

*M. Antonelli*

09:45 Respiratory mechanics at bedside: Pplat, driving pressure, compliance, MP

*S. Maggiore*

10:15 BREAK

10:30 Assessment of AOP and recruitability

*G. Carteaux*

*Interactive session*

11:10 How do I set PEEP at bedside?

*A. Demoule*

*Interactive session*

11:40 How do I use esophageal pressure: let's be practical

*L. Piquilloud*

*Interactive session*

12:15 Q&A

13:00 LUNCH BREAK

#### Afternoon session

*Moderators: G. Carteaux, M. Pellegrini*

13:55 Welcome back

*A. Demoule, L. Piquilloud*

14:00 The impact of proning on respiratory mechanics and hemodynamic: advanced concepts

*P.R. Tuinman*

*Interactive session*

14:35 Everything you need to know about APRV

*L. Camporota*

*Interactive session*

15:15 Heart lung interaction during ARDS

*G. Carteaux*

*Interactive session*



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15:55 BREAK

16:15 ECMO: how to avoid it and when it is definitely indicated

*TBD*

*Case-based discussion*

16:50 Controversial treatments: NMB, inhaled NO

*M. Pellegrini*

*Interactive session*

17:30 Q&A and recap of day 1

18:00 End of the day

Preliminary



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## **Day 2, June 28, 2024**

### **Morning session**

*Moderators: M. Antonelli, A. Jonkman*

09:00 Welcome /Objectives of the Day

*A. Demoule, L Piquilloud*

#### **Obstructive disease**

09:05 Non-invasive management of severe acute exacerbation of COPD

*Case based discussion/ Meet the experts*

*S. Maggiore, A. Demoule, M. Dres*

09:50 How to set the ventilator once my COPD patient has been intubated

*Case based discussion/ Meet the experts*

*L. Piquilloud, M. Pellegrini, P.R. Tuinman*

#### **Assisted ventilation**

10:35 Respiratory drive and effort physiology

*A. Jonkman*

11:05 BREAK

11:25 Bedside monitoring of respiratory drive and effort

*A. Demoule*

*Interactive session*

12:05 Lung and diaphragm protective ventilation (P-SILI included)

*TBD*

*Interactive session*

12:45 Q&A

13:00 LUNCH BREAK

### **Afternoon session**

*Moderators: S. Maggiore, M Dres*

13:55 Welcome

14:00 Setting the ventilator in assisted ventilation

*Case-based discussion/ Meet the experts*

*M. Antonelli, M. Pellegrini, TBD*

#### **Weaning**

14:45 When weaning becomes difficult

*M. Dres*

*Interactive session*

15:35 BREAK

15:50 Prolonged weaning and tracheostomy

*TBD*

*Case-based discussion*

16:30 Quiz competition

*A. Jonkman, P.R. Tuinman*

17:00 Lost and last topics/Final summary and Q and A

17:30 COURSE END