



The Intensive Connection



**e- Master Class Programme
Mechanical Ventilation – State of the Art 2021
October 28, 29 & November 5**

Day 1, October 28, 2021

Morning session

Take home messages responsible

A. Jonkman

09:00 Welcome, Rationale and Methodology

L. Heunks

09:30 Introduction in physiology of Gas Exchange

L. Camporota

Moderator: L. Heunks

10:15 Introduction in respiratory Mechanics

L. Heunks

Moderator: T. Mauri

11:00 BREAK

11:15 Respiratory physiology & MV in COVID-19

L. Camporota

Moderator: L. Heunks

12:15 KAHOOT main/special modes

P.R. Tuinman

Commented by: L. Piquilloud together with C. Guérin & E. Spinelli

13:00 END MORNING SESSION

LUNCH BREAK

Afternoon session

Take home messages responsible

P.R. Tuinman

14:00 Welcome

L. Heunks

14:05 Mechanical Ventilation in Specific Categories

Moderator: L. Piquilloud

COPD (40')

L. Heunks

ARDS (40')

T. Mauri & E. Spinelli

15:25 BREAK

15:40 Proning - Interview with the expert

C. Guérin

Interviewer: L. Camporota & WB: Heunks

16:15 Patient-ventilator interaction

L. Piquilloud

Moderator: E. Spinelli

17:00 Q&A

All faculty

17:30 END DAY 1



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Day 2, October 29, 2021

Morning session

Take home messages responsible

E. Spinelli

09:00 Welcome and Recap Day 1

L. Heunks

09:15 APRV & BiPAP Ventilation
Moderator: C. Guérin

L. Camporota

10:15 Lung Recruitment and setting PEEP
Moderator: T. Mauri

A. Demoule

11:15 BREAK

11:30 ECMO dialogue
Moderator: P.R. Tuinman

D. Gommers & T. Mauri

12:30 Q&A

All faculty

13:00 END MORNING SESSION

LUNCH BREAK

Afternoon session

Take home messages responsible

A. Jonkman

14:00 Welcome

L. Heunks

14:05 JAMA: Advanced respiratory mechanics: mechanical power, fluids
Moderators: L. Camporota, L. Heunks & E. Spinelli

L. Gattinoni

16:15 BREAK

16:30 Obesity and airway opening pressure
Moderator: C. Guérin

A. Demoule

17:15 Introduction Papers Journal Club (2 papers)

L. Camporota

17:30 Q&A

All faculty

18:00 END DAY 2



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**e- Master Class Programme
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Day 3, November 5, 2021

Morning session

Take home messages responsible:

T. Mauri

09:00 Welcome and Recap Day 1 & Day 2

L. Camporota

09:15 Assessing Respiratory Effort: Techniques & Relevance
Interviewer: A. Demoule & WB: A. Jonkman

L. Heunks & L. Piquilloud

10:00 Topical Debate based on case vignette part I
Introduction
NIV or HFNT for hypoxemic failure?
Moderator: A. Demoule

L. Heunks

C. Guerin & L. Piquilloud

10:45 BREAK

11:00 Topical Debate based on case vignette part II
Introduction
When to start assisted mode?
Moderator: E. Spinelli

L. Heunks

L. Camporota & D. Gommers

11:45 Simple weaning: a state of the art – Case-based session
Moderator: L. Piquilloud

C. Guérin

12:45 Q&A

13:00 END MORNING SESSION

LUNCH BREAK

Afternoon session

Take home messages responsible:

A. Jonkman

14:00 Welcome

L. Camporota

14:05 Difficult and prolonged weaning
Moderator: L. Camporota

A. Demoule

15:05 Journal Club in 4 BRs
*BR1: L. Heunks & E. Spinelli / BR2: C. Guérin & L. Piquilloud/BR3: D. Gommers & L. Camporota/
BR4: T. Mauri & A. Demoule*

16:05 KAHOOT
Dialogue Key Take Home messages
Q&A/Wrap –up

P.R. Tuinman & E. Spinelli

L. Heunks & L. Camporota

L. Heunks & faculty

17:00 END