



The Intensive Connection



e- Master Class Programme
Mechanical Ventilation – State of the Art 2021
Dates: 28th-29th October & 5th November 2021

Day 1, October 28, 2021

Morning session

Session moderator

Spinelli

L. Heunks & E.

09:00 Welcome, Rationale and Methodology

L. Heunks

09:30 Physiology of Gas Exchange

L. Camporota

10:00 Respiratory Mechanics

L. Heunks

10:45 BREAK

11:00 Mechanical Ventilation in Specific Categories - Moderated Presentations
Respiratory physiology in COVID-19 (30 min)
COPD (40')

*J. Mancebo
C. Guerin*

12:10 Patient-ventilator interaction - Case-based interactive lecture

L. Piquilloud

13:00 END MORNING SESSION

LUNCH BREAK

Afternoon session

Session moderator

Jonkman

L. Camporota & A.

14:00 Welcome
Jonkman

L. Camporota & A.

14:05 Mechanical Ventilation in ARDS

T. Mauri & E. Spinelli

15:00 Lung Recruitment and setting PEEP

A. Demoule

16:00 BREAK

16:10 Proning - Interview with the expert
Interviewers: L. Camporota & Heunks

C. Guerin

16:45 Introduction Papers Journal Club
Jonkman

L. Camporota & A.

17:00 APRV

L. Camporota

17:30 Q&A/Wrap –up

L. Camporota & faculty

18:00 END



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Day 2, October 29, 2021

Morning session

Session moderator

T. Mauri & A Hall

09:00 Welcome and Recap Day 1

T. Mauri & A Hall

09:15 ECMO

D. Gommers

10:00 Parallel sessions

Journal Club <i>L. Camporota, L Heunks, T. Mauri, P.R. Tuinman & A. Hall</i>	VCV/PCV/PSV <i>J. Mancebo & A. Jonkman</i>	VCV/PCV/PSV <i>D. Gommers & E. Spinelli</i>	VCV/PCV/PSV <i>L. Piquilloud & C. Guerin</i>
Group 1 & 2 & 3	Group 4	Group 5	Group 5

11:00 BREAK

11:10 Parallel sessions

Journal Club <i>L. Camporota, L Heunks, T. Mauri, P.R. Tuinman & A. Hall</i>	VCV/PCV/PSV <i>J. Mancebo & A. Jonkman</i>	VCV/PCV/PSV <i>D. Gommers & E. Spinelli</i>	VCV/PCV/PSV <i>L. Piquilloud & C. Guerin</i>
Group 4 & 5 & 6	Group 1	Group 2	Group 3

12:15 Obesity and airway opening pressure

A. Demoule

13:00 END MORNING SESSION

LUNCH BREAK



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Afternoon session

14:00 Welcome

L. Piquilloud

14:10 Parallel sessions

What has COVID-19 taught us about MV <i>D. Gommers, C. Guerin, L. Camporota. Moderator: A. Hall WB : Heunks</i>	Diam & Lung Ultrasound Oesophageal pressure <i>P.R. Tuinman & A. Demoule</i>	Diam & Lung Ultrasound Oesophageal pressure <i>L. Piquilloud & A. Jonkman</i>	Diam & Lung Ultrasound Oesophageal pressure <i>H. de Vries, J. Mancebo & E. Spinelli</i>
Group 1 & 2 & 3	Group 4	Group 5	Group 6

15:10 BREAK

15:20 Parallel sessions

What has COVID-19 taught us about MV <i>D. Gommers, C. Guerin, L. Camporota Moderators: A. Hall WB : Heunks</i>	Diam & Lung Ultrasound Oesophageal pressure <i>P.R. Tuinman & A. Demoule</i>	Diam & Lung Ultrasound Oesophageal pressure <i>L. Piquilloud & A. Jonkman</i>	Diam & Lung Ultrasound Oesophageal pressure <i>H. de Vries, J. Mancebo & E. Spinelli</i>
Group 4 & 5 & 6	Group 1	Group 2	Group 3

16:25 Q&A/Wrap –up DAY 2

L. Piquilloud & faculty

17:00 Learner Tasks for DAY 3
*Special modes videos for study
Task to carry out in the hospital and debate in the forum before Day 3*

L. Heunks

SPECIAL MODES VIDEOS AVAILABLE	PAV
	NAVA
	INTELLIVENT
	HIGH FLOW
	EIT
	FRC measurement, PEEP setting

17:30 END



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Day 3, November 5, 2021

Morning session

Session moderator

A Hall & A. Demoule

09:00 Welcome and Recap Day 1 & Day 2

A Hall & A. Demoule

09:15 Assessing Respiratory Effort: Techniques & Relevance

L. Heunks & L. Piquilloud
WB: Demoule

10:00 Topical Group Debate

L Heunks & T. Mauri

Group Work based on case vignette

1. Group 1: NIV or HFNT for hypoxemic failure?

L. Piquilloud & T. Mauri

2. Group 2: Role for ECCO2R?

L. Heunks & D.

Gommers

3. Group 3: When to start assisted mode?

A. Demoule & C.

Guerin

4. Group 4: Role for APRV / BiPAP / IR mode

J. Mancebo & E.

Spinelli

11:10 BREAK

11:20 Group Work Debate (with the entire audience)

Led by L Heunks & T. Mauri & faculty

12:10 Simple weaning: a state of the art – Case-based session

C. Guerin

13:00 END MORNING SESSION

LUNCH BREAK

Afternoon session

Session moderator

E. Spinelli & D.

Gommers

14:00 Welcome

E. Spinelli & D.

Gommers

14:05 Day 1&Day 2&Day 3/ Special Modes Discussion
KAHOOT *P.R. Tuinman*

P.R. Tuinman & All faculty

15:00 Difficult and prolonged weaning

L. Heunks & A. Demoule & D.

Gommers



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16:05 Learner Task discussion

L. Heunks & faculty

17:10 Q&A/Wrap-up (30')
faculty

E. Spinelli & D. Gommers &

17:30 END

DRAFT

