



The Intensive Connection



**e- Master Class Programme
Mechanical Ventilation – State of the Art 2022
June 16, 17 & July 1**

Day 1, June 16, 2022

<u>Morning session</u>	Take home messages responsible	<i>A. Jonkman</i>
09:00	Welcome, Rationale and Methodology	<i>L. Heunks, L. Piquilloud</i>
09:30	Introduction in physiology of gas exchange <i>Moderator: L. Heunks</i>	<i>A. Jonkman</i>
10:15	Introduction in respiratory Mechanics <i>Moderator: C. Guérin</i>	<i>L. Heunks</i>
11:00	BREAK	
11:15	Heart lung interaction <i>Moderator: L. Piquilloud</i>	<i>M. Dres</i>
12:00	Respiratory mechanics during spontaneous breathing <i>Moderator: L. Heunks</i>	<i>L. Camporota</i>
12:45	Q&A	
13:00	END MORNING SESSION	
LUNCH BREAK		
<u>Afternoon session</u>	Take home messages responsible	<i>P.R. Tuinman</i>
14:00	Welcome	<i>L. Heunks</i>
14:05	Respiratory monitoring with oesophageal pressure <i>Moderators: G. Grasselli</i>	<i>L. Piquilloud</i>
14:50	Case discussion: mechanical Ventilation in Specific Categories (invasive ventilation) <i>Moderator: L. Piquilloud</i> COPD (40') ARDS (40')	<i>L. Heunks</i> <i>G. Grasselli, D. Grieco</i>
16:10	BREAK	
16:20	Proning - Interview with the expert <i>Interviewer: L. Camporota & WB: L. Heunks</i>	<i>C. Guérin</i>
17:10	Q&A	<i>All faculty</i>
17:20	Video Homework reminder	
17:30	END DAY 1	



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Day 2, June 17, 2022

Morning session

Take home messages responsible

M. Dres

09:00 Welcome and Recap Day 1

L. Heunks, L. Piquilloud

09:20 APRV & BiPAP Ventilation
Moderator: C. Guérin

L. Camporota

10:00 KAHOOT main/special modes
Commented by: L. Piquilloud together with C. Guérin

P.R. Tuinman

10:30 Lung Recruitment and setting PEEP
Moderator: P.R. Tuinman

A. Demoule

11:30 BREAK

11:45 ECMO dialogue
Moderator: L. Heunks

L. Camporota & G. Grasselli

12:30 Q&A

13:00 END MORNING SESSION

LUNCH BREAK

Afternoon session

Take home messages responsible

A. Jonkman

14:00 Welcome

L. Heunks

14:05 Patient-ventilator interaction
Moderator: A. Jonkman

L. Piquilloud

14:50 Obesity and airway opening pressure
Moderator: C. Guérin

A. Demoule

15:35 Q&A

15:50 BREAK

16:00 ARDS phenotypes
Moderators: L. Camporota, G. Grasselli, L. Piquilloud & WB: L. Heunks

C. Calfee

17:00 Food for thought

L. Heunks, L. Piquilloud

17:15 END DAY 2



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Day 3, July 1, 2022

Morning session

Take home messages responsible

A. Demoule

09:00 Welcome and Recap Day 1 & Day 2

L. Heunks, L. Piquilloud

09:15 Food for thought

L. Heunks, L. Piquilloud

09:45 Topical Debate based on case vignette part I
When to start assisted mode?
Moderator: L. Heunks & WB: L. Piquilloud

M. Dres, D. Grieco

10:30 Assessing Respiratory Effort: Techniques & Relevance
Interviewer: A. Demoule & WB: L. Heunks

A. Jonkman & L. Piquilloud

11:15 BREAK

11:30 Ultrasound to guide Mechanical ventilation
Moderator: D. Grieco

P. Tuinman

12:15 Simple weaning
Moderator: L. Heunks

M. Dres & A. Demoule

13:00 END MORNING SESSION

LUNCH BREAK

Afternoon session

Take home messages responsible

L. Piquilloud

14:00 Welcome

L. Piquilloud

14:05 Difficult weaning
Moderator: L. Piquilloud

M. Dres & A. Demoule

14:50 Topical Debate based on case vignette part II
Introduction
Non-invasive respiratory support: When to start? When to stop?
Moderator: L. Camporota & WB: A. Jonkman

L. Heunks

M. Dres, D. Grieco

15:30 Journal Club with 3 papers discussed by the experts
Dyspnea
HENIVOT trial
Phrenic nerves stimulation and weaning

A. Demoule

D. Grieco

M. Dres

Moderator: L. Heunks

Moderator: P. Tuinman

Moderator: A. Jonkman

16:30 KAHOOT
Dialogue Key Take Home messages
Q&A/Wrap –up

P.R. Tuinman

L. Heunks

L. Heunks, Lise Piquilloud & faculty

17:00 END