



ERS course

Noninvasive ventilation: advanced

22-23 November 2018

Milan, Italy

Thursday, 22 November 2018

08:00–08:30 Registration

 LIVE

SESSION I – Technical issues (Chairs: S. Nava, P.J. Wijkstra)

ACUTE SETTINGS

08:30–09:00 Tricks and traps during acute NIV including monitoring, humidification and aerosol delivery – P. Navalesi

09:00–09:30 Interfaces and mode of ventilation in the acute setting: what is new? – A. Thille

09:30–10:00 How high flow oxygen and NIV ventilators work – A. Carlucci

CHRONIC SETTINGS

10:00–10:30 Interfaces and mode of ventilation in the home setting: what is new? – C. Rabec

10:30–11:00 Setting up a long-term NIV programme including competency training – A. Simonds

11:00–11:30 *Break*

 LIVE

SESSION II – Controversies in the applications of NIV (Chairs: L. Pisani, P. Navalesi)

11:30–12:15 Long-term application of NIV in COPD

PRO – C. Rabec (15 min)

CON – P.J. Wijkstra (15 min)

Rebuttal and discussion (15min)

12:15–13:00 De novo respiratory failure

NIV vs HFO – M. Ferrer (15min)

NIV and HFO – S. Nava (15min)

Rebuttal and discussion (15 min)

13:00–14:00 *Lunch Break*

 LIVE

SESSION III – The new NIV guidelines (Chairs: A. Carlucci, C. Rabec)

14:00–14:30 PRO recommendation – M. Elliott

14:30–15:00 CONTRA and NO recommendation (excluding de novo respiratory failure) – M. Ferrer

15:00–15:30 CONDITIONAL recommendation – P. Navalesi

15:30–16:00 *Break*

16:00–16:30 Home NIV: best strategies for setting up non-COPD patients on NIV – M. Chatwin

16:30–17:00 When NIV fails: only endotracheal intubation? – L. Pisani

17:00–17:30 **SESSION IV – Clinical cases** (Chairs: A. Carlucci, M. Ferrer, A. Thille)

 LIVE

17:30–19:30 *Walking tour and welcome cocktail*



Friday, 23 November 2018



SESSION V – NIV emerging applications (Chairs: M. Chatwin, A. Thille)

- 08:30–09:00 NIV and OHS – M. Ferrer
09:00–09:30 NIV and pandemics – S. Nava
09:30–10:00 Timing of NIV in neuromuscular hypercapnic versus non-hypercapnic disorders:
initiating and withdrawing NIV – A. Simonds
- 10:00–10:30 *Break*



SESSION VI – Troubleshooting NIV (Chairs: M. Ferrer, A. Simonds)

ACUTE SETTINGS

- 10:30–10:55 The patient is fighting the ventilator: how to assess and solve the problem – A. Thille
10:55–11:20 Secretion removal during NIV – M. Chatwin
11:20–11:45 Sedation during NIV – L. Pisani

CHRONIC SETTINGS

- 11:45–12:10 How to assess the efficacy of night-time NIV – A. Carlucci
12:10–12:35 New horizons in ventilator development – C. Rabec
12:35–13:00 NIV in the year 2028. What is the future for our patients? – M. Elliott

13:00–14:00 *Lunch break*

SESSION VII – Workshops

- a. Interfaces – P. Navalesi, S. Nava
- b. Cough machines – M. Chatwin, A. Simonds
- c. Home ventilators – P.J. Wijkstra
- d. Hospital ventilators – M. Ferrer, A. Thille



All lectures of Session I-VI (excluding workshops) will be streamed live for registered viewers.