

Workshop



EUSEM
EUROPEAN SOCIETY FOR EMERGENCY MEDICINE

2nd Non Invasive Ventilation Certificate Course

Lisbon, Portugal
10-11 April 2025

Programme



Course Overview

EUSEM's 1st Certification of Non-Invasive Ventilation Course is a comprehensive programme that equips Emergency Medicine professionals with the necessary knowledge and skills to manage acute respiratory failure using non-invasive respiratory support effectively. The course covers COVID-19 and non-COVID-19 cases, and it's intended for senior trainees and consultants in their first five years of practice.

Course Objectives

- Understand pathophysiology of acute respiratory failure and the effects of Non-Invasive respiratory support in COVID19 and non-COVID19 acute respiratory failure
- Understand indications and contraindications of the various methods
- Apply problem-solving to manage ventilators troubleshooting
- Understand pros and cons of Non-Invasive respiratory support in COVID19 patients

Venue

**Centro de Simulação Avançada da FMUL_ Hospital de Santa Maria
Campus**

Programme

10 April
2025

09:00 - 09:30 Recap Ventilators and modes of Ventilation

09:30 - 10:15 1st rotation on stations Modes of Ventilation

10:15 - 11:30 2nd rotation on stations PSV, Bi-Level
And CPAP modalities

10:30 - 11:00 Coffee Break

11:30 - 12:15 3rd rotation on stations ACPE

12:15 - 13:00 4th rotation on stations case 2 Pneumonia

13:00 - 14:00 Lunch

14:00 - 14:45 1st rotation on stations COPD

14:45 - 15:30 2nd rotation on stations Restrictive:
Obesity & Neuromuscular

15:30-16.00 Coffee Break

16:00 -16:45 3rd rotation on stations COVID19

16:45 -17:30 4th rotation on stations Miscellanea:
Trauma, Asthma and others

**11 April
2025**

09.00 - 09.30 Recap Day 1

09.30 - 10.15 1st rotation on stations Case 1

10.15 - 11.30 2nd rotation on stations Case 2

10.30 - 11.00 Coffee Break

11.30 - 12.15 3rd rotation on stations Case 3

12.15 - 13.00 4th rotation on stations Case 4

13:00 - 14:00 Lunch

14:00 - 14:45 Test 1 + Case scenario simulation 1

14:45 - 15:30 Test 2 + Case scenario simulation 2

15:30 - 16:00 Coffee Break

16:00 - 16:45 Test 3 + Case scenario simulation 3

16:45 - 17:30 Test 4 + Case scenario simulation 4

Online Preparation

NOTE: Participants will be invited to join a virtual preparation session in March. The date and time have not been confirmed yet, you will receive this information in due course. You will need to join this session to prepare for the course in Lisbon.

- 1) The Global Impact Of NIV - Dr. Patrick PLAISANCE**
- 2) Pathophysiology - Dr. Paolo GROFF**
- 3) Pre-Hospital - Dr. Nicolas PESCHANSKI**
- 4) How To Choose The Interface - Dr. Roberta MARINO**
- 5) How To Choose The Ventilator - Dr. Erwan L'HER**
- 6) ACPE - Dr. Erwan L'HER**
- 7) Pneumonia - Dr. Roberta MARINO**
- 8) COPD - Dr. Rodolfo FERRARI**
- 9) COVID19 - Dr. Roberto COSENTINI**
- 10) NIV Management: Setting, Monitoring, Sedation**

Faculty

Director: Dr. Roberto Cosentini (Bergamo, Italy)

Dr. Paolo Groff (Perugia, Italy)

Dr. Roberta Marino (Vercelli, Italy)

Dr. Rodolfo Ferrari, (Imola, Italy)

Dr. Patrick Plaisance (France)

Dr. Erwan L'her (Brest, France)

Dr. Nicolas Peschanski(Rennes, France)

Dr. Abdo Khoury (Besançon, France)



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Aerogen[®]

Pioneering Aerosol Drug Delivery



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More info:
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