



ESPNIC NIV course in pediatric and neonatal acute setting

**Course
Blended**

Online
From 24.03 to
26.05.2025

In person
24.04.2025
25.04.2025

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SJD Sant Joan de Déu
Education

Theoretical-Practical Course in Pediatric and Neonatal Noninvasive Ventilation

This blended learning course is designed to provide basic training in non-invasive ventilation (NIV) applied to Pediatrics and Neonatology, following the recommendations of the Respiratory Working Group of the Spanish Society of Pediatric Intensive Care.

Addressed to

This course is specifically designed for professionals dedicated to:

- Paediatric Pneumologists
- Paediatric Intensivists
- Paediatric Anesthesiologists
- Nurses
- Respiratory physiotherapists

Address

Dr. Martin Pons Odena. Optional specialist, Intensive Care Unit. Hospital Sant Joan de Déu Barcelona.

Location

Education SJD Barcelona.

1 Diaz de la Fuente Street, 08950 Esplugues de Llobregat, Barcelona. Tel. 93 253 21 30

Registration fee:

- **Doctors: € 700**
- **Nurses: € 500**

Registration: bit.ly/ESPNIC_english

European EAACME (SEAFORMEC) accreditation requested

Thursday, April 24, 2025

08:15 - 08:45 h	Registration and introduction. Dra. Martin Pons Odena. Intensive Care Unit. Hospital Sant Joan de Déu Barcelona.
08:30 - 09:10 h	Acronym ICEMAN. Dr. Martin Pons Odena.
09:10 - 09:30 h	Indications and contraindications. Dr. Martin Pons Odena.
09:30 - 10:30 h	Practice selecting interface and equipment. Dr. Martin Pons Odena.
10:30 - 11:00 h	Coffee break
11:00 - 11:30 h	Practice modes.
11:30 - 12:30 h	Pediatric ICEM scenario. <ul style="list-style-type: none">• NIV with home ventilator.• NIV with specific NIV ventilator.• NIV with conventional ventilator.
12:30 - 13:15 h	ICEM breastfeeding scenario.
13:15 - 14:15 h	Lunch

14:15 - 15:00 h ICEM breastfeeding scenario.

15:00 - 16:00 h ICEM breastfeeding scenario.

- HFNC versus CPAP in infant/neonate.

16:00 - 16:15 h Coffee break

16:15 - 17:15 h ICEM breastfeeding practice station. (2 groups)

- Bilevel with specific VNI fan.
- Bilevel in NIV with conventional ventilator.

17:15 - 18:15 h ICEM breastfeeding practice station. (2 groups)

- Bilevel with specific VNI fan.
- Bilevel in NIV with conventional ventilator.

Friday, April 25, 2025

08:00 - 09:00 h Failure analysis. Asynchrony in NIV.
Fundamentals of NAVA.

Dr. Martin Pons Odena.

09:00 - 09:15 h Basic rules for learning with advanced simulation.

Dr. Martin Pons Odena.

09:15 - 09:45 h Coffee break

09:45 - 11:15 h Failure analysis (hypoxemia/hypercapnia).

11:15 - 12:00 h ICEMAN practical station: Advanced simulation.

Dr. Martin Pons Odena.

12:00 - 13:30 h ICEMAN practical station: Advanced simulation.

Dr. Martin Pons Odena.

13:30 - 14:30 h Food

14:30 - 16:45 h ICEMAN practical station: Advanced simulation.

Dr. Martin Pons Odena.

16:45 - 17:00 h Conclusions and closing of the course

Dr. Martin Pons Odena.

The registration fee includes

- Online course documentation.
- Access to the teletraining platform to complete the online phase. (this part is not accredited).
 - Currently only available in **English**.
 - External platform of the ESPNIC company.
- Business lunches and coffee breaks.
- Certificate and diploma of attendance.