

ESPNIC course of NIV for trainers in acute setting

**Course
Blended**

Online

From 01.12 to
04.13.2027

In person

03.12.2027
03.13.2027

SJD Sant Joan de Déu
Education

European NIV Trainer Course: Preparing Experts for High-Quality Pediatric NIV Training

The primary goal of this trainer course is to recruit and prepare local NIV trainers to organize NIV courses across Europe while ensuring high-quality and standardized training. Pediatric intensivists or anesthesiologists with NIV clinical experience must complete this course to become certified trainers for ESPNIC NIV courses.

Addressed to

This course is specifically designed for professionals dedicated to:

- Paediatric Pulmonologists
- Paediatric Intensivists
- Paediatric Anesthesiologists
- Intensive Care Nurses
- Respiratory Therapists

Director

Dr. Martí Pons Odena. Senior specialist. Intensive Care Unit. SJD Barcelona Children's Hospital.

Location

Education SJD Barcelona.

Santa Rosa Street, 39 - 57, 08950
Esplugues de Llobregat, Barcelona.
Tel. 93 253 21 30

Registration fee: € 300 (€ 200 if enrolled in the Basic course simultaneously).

Registration: bit.ly/ESPNIC_english



European EAACME (SEAFORMEC) accreditation requested

At the end of this training you will be able to:

To acquire fundamental knowledge on noninvasive ventilation (NIV) applied to pediatric and neonatal patients in acute situations, based on the recommendations of the Respiratory Working Group of the Spanish Society of Pediatric Intensive Care.

Develop practical skills in the use of different NIV ventilator models, allowing participants to manage real clinical cases with a personalized and simulation-based approach.

To master the clinical application of NIV in common respiratory pathologies in infancy and neonatology, improving the quality of care and clinical outcomes in critical situations.

Encourage teamwork and collaboration among participants by working in small groups, where NIV techniques will be applied in practical and real clinical scenarios.

To continuously evaluate the trainee's progress during the training, ensuring that the acquired knowledge is transformed into effective practical skills for the management of NIV in pediatric and neonatal care.

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.
- Business lunches and coffee breaks.
- Certificate and diploma of attendance.

Online content

From January 12 to April 13, 2027

UNIT 1.

Video lectures: Introduccion.

- Evidence of NIV.
- Physiology.
- ICEMAN.
- Nursing.

UNIT 2.

Video lectures: Setting it up.

- HNFC.
- Indications / Contradictions.
- Equipment for CPAP.
- Equipment for BLPAP.
- Humidification and nebulisation.

UNIT 3.

Video lectures: Modes.

UNIT 4.

Video lectures: Analysis.

UNIT 5.

Video lectures: Transport.

UNIT 6.

Video lectures: Neonatology.

UNIT 7.

Assessment.

The online content is in English only and is not accredited.

Friday, March 12, 2027

08:00 - 09:00 h	Failure analysis. Asynchrony in NIV. Fundamentals of NAVA.
09:00 - 09:15 h	Basic rules for learning with advanced simulation.
09:15 - 09:45 h	Coffee break ☕
09:45 - 11:15 h	Failure analysis (hypoxemia/hypercapnia).
11:15 - 13:30 h	ICEMAN practical station: Advanced simulation.
13:30 - 14:30 h	Lunch 🍴
14:30 - 16:45 h	ICEMAN practical station: Advanced simulation.
16:45 - 17:00 h	Conclusions and closing of the course.
17:00 - 18:00 h	Debriefing of the day from an instructor point of view.

Saturday, March 13, 2027

RUNNING CLINICAL SCENARIOS

08:30 - 09:00 h	Introduction.
09:00 - 10:00 h	Simulation. • Skill station: CPAP in infant/Neonates. • Skill station: Bilevel in infant.
10:00 - 13:00 h	Failure analysis (hypoxemia/hypercapnia). (2 - 3 groups) 2 Clinical scenarios.
13:00 - 14:00 h	Lunch 🍴
14:00 - 15:15 h	Failure analysis (asynchrony). 2 groups. • Video analysis.
15:15 - 17:00 h	Skill station: Failure analysis. (2 - 3 groups). • How to examine the attendees.
14:30 - 16:45 h	Conclusions and closure of the course.