

# ESPNIC course of NIV for trainers in acute setting

**Course  
Blended**

**Online**

From 08.04 to  
11.05.2026

**In person**

10.02.2026  
10.03.2026

**C**

**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](https://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 4 August to 5 November 2026

### 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, October 2, 2026


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

## Saturday, October 3, 2026

### RUNNING CLINICAL SCENARIOS

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<b>08:30 - 09:00 h</b>	Introduction.
<b>09:00 - 10:00 h</b>	Simulation. <ul style="list-style-type: none"><li>• Skill station: CPAP in infant/Neonates.</li><li>• Skill station: Bilevel in infant.</li></ul>
<b>10:00 - 13:00 h</b>	Failure analysis (hypoxemia/hypercapnia). (2 - 3 groups) 2 Clinical scenarios.
<b>13:00 - 14:00 h</b>	Lunch 
<b>14:00 - 15:15 h</b>	Failure analysis (asynchrony). 2 groups. <ul style="list-style-type: none"><li>• Video analysis.</li></ul>
<b>15:15 - 17:00 h</b>	Skill station: Failure analysis. (2 - 3 groups). <ul style="list-style-type: none"><li>• How to examine the attendees.</li></ul>
<b>14:30 - 16:45 h</b>	Conclusions and closure of the course.