



## Presentation

Working respiratory group of the Spanish Pediatric Intensive Care Society (SECIP) has developed during the last eleven years many workshops and courses for clinicians and nurses in order to spread NIV use among its members. In 2012, an European NIV course with many NIV experts, members of the ESPNIC respiratory group was started.

The main objective of this course is to provide a wide knowledge in this technique and also guarantee that attendees achieve appropriate skills to implement it in their own Units.

This course will provide previous on-line theoretical basis for NIV care. Reading Dr Medina's book "NIV in Pediatrics" in the previous month of the course is recommended. The second edition is available in internet for free. Third edition is available from a non-profit organization [www.investforchildren.org](http://www.investforchildren.org) that gives support to our project of spreading NIV technique around the world.

Main chapters and lectures based in the third edition will be available on-line. **The e-learning platform must be read in order to assure that attendees will be able to practice their skills during the course.**

**Do the on-line exam is mandatory to attend the face to face phase. All the attendees will receive an attendance certificate, but passing the skills exam and the second on-line exam after the face to face phase is mandatory to obtain a certificate of approval.**

NIV attendees should be able at the end of the course to select their own best option among of all the material available, and to develop appropriate protocols adapted to their Units.

A secondary objective of this course is to recruit local NIV clinical champions willing to become trainers and committed to organize NIV courses in several European countries.

In order to maintain high level of quality and homogeneity among the different future courses, those pediatric intensivists or anesthesiologists with clinical experience on NIV who are

interested to become NIV trainers of these ESPNIC NIV courses are requested to pass this course and an additional specific NIV trainer's course.

### Target audience:

- Paediatric Pneumonologists
- Paediatric Intensivists
- Paediatric Anesthesiologists
- Nursing staff

### Endorsement:

- Grupo de Respiratorio de la Sociedad Española de Cuidados Intensivos Pediátricos (Spanish Pediatric Intensive Care Society)
- European Society of Paediatric and Neonatal intensive care (ESPNIC)

Registration fee : **doctors 480€, nurses/resp therapists 200€**

Lunch and coffee breaks included

Limited acces: **32 attendees (20 doctors; 12 nurses/resp. therapists)**



Send to: [aula@hsjdbcn.org](mailto:aula@hsjdbcn.org)

### Invited Faculty:

**Dr Juan Mayordomo**

**Dr. Alberto Medina.**

PICU- Hospital Central de Asturias. Spain

**Dr. Martí Pons-Odena**

PICU Hospital Sant Joan de Déu. Barcelona. Spain

**Dr Teresa Gili**

PICU-Corporació sanitària Parc Taulí. Sabadell. Spain



# ESPNIC NIV course in Pediatric and Neonatal acute setting

**Organising Committee**

Dr. Martí Pons Òdena

November, 25-26<sup>th</sup>. 2016

**Organization**

Paediatric intensive care unit  
University Hospital Sant Joan de Déu

**Place**  
University Hospital Sant Joan de Déu  
Esplugues de Llobregat. Barcelona

9:00 –9:30h Summary  
9:30- 10:30h Hands-on material (2 groups)

10:30-11:00h Coffee-break

11:00-11:30 Methods: ICEMAN acronym  
11:30-12:30 Scenario 1-4 (4 groups)  
NIV with home ventilator  
NIV with NIV specific ventilator  
NIV with conventional ventilator  
HFNC versus CPAP in infant/neonate

12:30-13:30 Scenario 1-4

13:30- 14:30 Lunch-break

14: 30 – 15:30 Scenario 1-4

15:30-16:30 Scenario 1-4

16:30-17:00 Coffee-break

17:00-18:00  
Skill station (4 groups):  
Bilevel in infant with NIV specific ventilator  
Bilevel in infant NIV with conventional ventilator

8:30-9:30

Skill station (4 groups):  
Bilevel in infant with NIV specific ventilator  
Bilevel in infant with conventional ventilator

9:30-10:15 Failure analysis Asynchrony in NIV. Basics of NAVA

10:15-10:45h Coffee-break

10:45-11:00h Basic rules for playing advanced simulation  
10:45-12:45 Failure analysis (4 groups)  
(hypoxemia/hypercapnia) 2 clinical scenarios

13:00 – 14:00 Lunch-break

14:00- 15:30 Failure analysis Asynchrony in NIV (2 groups)  
Videos

15:30- 18:00 Skill station: Advanced simulation (4 groups)

18:00 Remarks and formal clo:



*On-line available September 30<sup>th</sup> to Desember31<sup>st</sup>*

1. Physiology
2. Skill station: How to select material
3. Modes
4. How to start NIV setting
5. Curves
6. Synchrony
7. Humidification
8. Monitoring and predictive factors of failure
9. Videos building up several devices

*November 24<sup>th</sup>*

8:45-9:00 Register and introduction

*November 25<sup>th</sup>*

**ESPNIC NIV course  
PEDIATRIC & NEONATAL  
ACUTE SETTING**

**First Name**

**Family name**

**Address**

**Postal Code**

**City**

**Phone**

**E-mail**

Send to: [aula@hsjdbcn.org](mailto:aula@hsjdbcn.org)

*Payment after admission's confirmation*