

Presentation

Working respiratory group of the Spanish Pediatric Intensive Care Society (SECIP) has developed during the last thirteen 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 for trainers is to recruit local NIV trainers committed to organize NIV courses in several European countries.

In order to maintain high level of quality and homogeneity among the different 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.

This course will provide the same previous on-line theoretical basis for NIV care that is provided to the attendees of ESPNIC NIV courses. Reading Dr Medina's book "NIV in Pediatrics" in the previous month of the course is recommended. Main chapters have to be read in order to assure that NIV trainers will be able to facilitate best knowledge during the course, even about devices currently not used in their hospitals.

This course overlaps with a Basic NIV course, so during the first day, trainers will have the opportunity to job shadowing with with NIV instructors with huge experience. **Afterwards, the second day three skill stations (Pediatric, CPAP for infant/neonates, Bilevel for infants/neonates) will be prepared by the future NIV trainers in order to learn how to teach interface and ventilator's choice, setting modalities, parameters and respiratory monitoring. Failure analysis will also be done with interactive clinical cases during skill stations.**

NIV trainers should be able at the end of the course to share with their future attendees a wide and detailed information about the majority of the material available in the market, and to develop appropriate clinical scenarios for the hands-on sessions

Target audience:

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

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)

Fee: € 300*

Lunch and coffee breaks are included

- **Reduced fee if doing Basic course at the same time**

Access limited: 8 people



Send to: formacion@sjdhospitalbarcelona.org

Invited Faculty:

Dr Christophe Milési

PICU Hôpital Arnaud de Villeneuve. Montpellier. France

Dr Nilüfer Yalindag

PICU. Hospital Marmara. Istanbul.Turkey

Dr Martí Pons-Odena

Nurse: Wooi Tan

PICU Hospital Sant Joan de Déu. Barcelona. Spain

ESPNIC Course of NIV for trainers in acute setting

DIRECTOR

Dr. Martí Pons

Date

November, 25-26th 2024

Organization

Paediatric intensive care unit
University Hospital Sant Joan de Déu

Place

Hotel ABBA Garden
Esplugues de Llobregat. Barcelona

On-line lectures available in ESPNIC platform

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 device**

October 25th

Observer of the 2nd day of an ESPNIC NIV course

07:45 - 08:00 h Registration.

08:00 - 09:00 h Analysis of failure. Asynchrony in NIV. Basics of NAVA.

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

09:15 - 09:45 h Coffee-break.

09:45 - 11:15 h Analysis of failure (hypoxemia/hypercapnia).

11:15-13:30 h Skill station ICEMAN: Advanced simulation.

13:30- 14:30 h Lunch-break

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

16:45 - 17:00 h Remarks and formal closing.

17:00 - 20:00 h Debriefing on the terrace.

October 26th

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 - 10:30 h Coffee-break.

10:30 - 13:00 h Failure analysis (2-3 groups) (hypoxemia/hypercapnia) 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

17:00 h Formal closing.

