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. The second edition is available in internet for free. Third edition is available from a non-profit organization www.investforchildren.org that gives support to our project of spreading NIV technique around the world. 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. Afterwards, 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 Pneumonologists
- Paediatric Intensivists
- Paediatric Anesthesiologists

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: 200€
Lunch and coffee breaks are included
Access limited: 14 people

Send to: formacion@sjdhospitalbarcelona.org

Invited Faculty:
Dr Juan Mayordomo
PICU - Hospital Central de Asturias. Spain
Dr. Martí Pons-Odena
PICU Hospital Sant Joan de Déu. Barcelona. Spain
Mireia Garcia Cuscó
PICU Bristol Hospital. United Kingdom
May 11th

Running clinical scenarios

8:30 - 10:00h
Skill station: CPAP in infant/ Neonates
Skill station: Bilevel in infant

10:00 - 10:30h Coffee-break.

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

13:00 - 14:00h Lunch.

14:00 - 15:15h Failure analysis (asynchrony).
2 groups
Video analysis

15:15 - 18:00h Skill station: Failure analysis. (2-3 groups)
How to examine the attendees

18:00h Formal closing.

May 10th

Observer of the 2nd day of an ESPNIC NIV course

8:30 - 9:00h Registration and welcome coffee.

9:00 - 10:00h Analysis of failure. Asynchrony in NIV. Basics of NAVA.

10:00-10:15h Basic rules for playing advanced simulation.

10:15-10:45h Coffee-break.

10:45-12:15h Analysis of failure (hypoxemia/hypercapnia).

12:15-13:00h Skill station ICEMAN: Advanced simulation.

13:00- 14:00h Skill station ICEMAN: Advanced simulation.

14:00 – 15:00h Lunch-break.

15:00- 18:00h Skill station ICEMAN: Advanced simulation.

18:00h Remarks and formal closing.