

## ABSTRACT SUBMISSION

In this Conference we have set aside time for oral presentations. We are either expecting to see your experience in beginning NIV at your hospital, department, or transport team, or your latest research results. Unfortunately, due to time restrictions, only a few of the most relevant presentations will be selected according to the criteria of the scientific committee.

*Deadline: June 1st, 2015*

## REGISTRATION FEES

### CONFERENCE

	Early-bird fee until May 31 st	From June 1st
Doctors	300€/1 day 200€	450€/1 day 250€
Residents	200€/1 day 100€	300€/1 day 150€
Nurses/Respiratory therapists	150€/1 day 80€	225€/1 day 100€

### WORKSHOPS

	Early-bird fee until May 31 st	From June 1st
Doctors	75€	125€
Residents	50€	100€
Nurses/Respiratory therapists	50€	100€

All the workshops and hands-on session will be in English. No translation available. Those who are not registered to the Conference (workshop fee x 2).

#### ORGANIZED BY

PICU And NICU Departments of HSJD  
And PICU Department of Hospital Central de Asturias

#### ORGANIZING COMMITTEE

Dr. Martí Pons, Dr. Alberto Medina, Dr. Julio Moreno

#### SCIENTIFIC COMMITTEE

Dr. Juan Mayordomo, Dr. Elisabet Esteban,  
Dr. Christophe Milesi, Dr. Julio Moreno

#### OFFICIAL LANGUAGES

Castilian and English. Translation will be available

#### SCIENTIFIC SECRETARIAT

Paseo Sant Joan de Déu n° 2  
08950 Esplugues de Llobregat, Barcelona  
Email: direcciodocencia@hsjdbcn.org



# 2<sup>ND</sup> INTERNATIONAL PEDIATRIC AND NEONATAL NIV MEETING

BARCELONA, SEPTEMBER 2015



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Conference venue  
Edifici docent Sant Joan de Déu  
Santa Rosa street, 39-57  
Esplugues de Llobregat (Barcelona)

# PRE-CONFERENCE WORKSHOPS

September 23th

**15:00 to 19:00 H**  
NEONATAL AND PEDIATRIC NIV IN CRITICALLY ILL PATIENTS DURING TRANSPORT

## Theoretical Background

- Do we need a transport ventilator? What do we need from a transport ventilator for NIV?
- Different Ventilators and their limitations
- BASICS on NIV + NIV Modes
- Setting up the (right) ventilator... Tips and Tricks from the expert...
- Questions and answers...

## 17:00 h Coffee break

## Hands-on session

- 4 rotating groups (max. 7 people per group) rotating (2 h)
- Preparation for NIV, patient monitoring and ventilation in transport
  - Getting familiar with the ventilators... going into details
  - Suitable/easy to use NIV Interfaces for transport (neonatal/pediatric)...  
Selecting the right interface...
  - CASE neonatal/pediatric Skills station

## Wrap up and formal closing

Oral FEEDBACK (20 min.)

Supported by an unrestricted educational grant by HAMILTON



**15:00 to 19:00 H**  
NIV IN PEDIATRIC ACUTE SETTING

## Theoretical Background

- Basic concepts on NIV for pediatric patients
- How to begin NIV in pediatric patients
- How to provide NIV to my patients (Nursing staff)
- Discussion

## 17:00 h Coffee break

## Hands-on session

- Common pediatric scenarios (pneumonia, status asthmaticus, bronchiolitis)
- Analysis of failure focused on synchrony
- Wrap up and formal closing

Supported by an unrestricted educational grant by

# INTRODUCTION

Dear colleagues,  
The Second International Conference on Pediatric and Neonatal Non-invasive Ventilation will be held again in Barcelona, Spain.

This meeting intends to be in a complimentary event to the Biennial European Conference on Pediatric and Neonatal Ventilation organized by Dr. Rimensberger in Switzerland.

This Conference, focused on NIV, will be offering the latest advances to young pediatricians, neonatologists, pediatric intensivists, pediatric pulmonologists, and pediatric and neonatal intensive care nurses/respiratory therapists. It is a multidisciplinary forum where everyone will learn from the lectures of well-known experts in this field.

In addition, true to our commitment to education, we will also offer a series of pre-congress workshops that will focus on very practical bedside issues. We are inviting you to participate and to make this Second Conference on Pediatric and Neonatal Non-invasive Ventilation a high standard event and a great success so it could be organized biennially. We are looking forward to seeing you in Barcelona in 2015!

**Martí Pons, Alberto Medina**  
Congress Chair

# PRELIMINARY PROGRAM

September 24th

08:00-08:45 h **CHECK-IN AND REGISTRATION**

08:45-09:00 h **OPENING CEREMONY**

09:00-10:30 h **CURRENT SITUATION OF NIV IN THE WORLD**

Current situation in Europe  
Dr. J. Mayordomo

Current situation in North America/Canada  
Dr. R. Khemani

Current situation in developing countries  
Dr. A. Argent

10:30-11:00 h **COFFEE BREAK**

11:00-12:30 h **DEEP INSIGHT IN NIV**

Driving pressure in NIV, should I take care?  
Dr. M. Amato

Can we rely on the ventilator screen?  
Dr. M. Luján

Measurement of work of breathing in patients on NIV.  
Dr. R. Khemani

12:30-13:30 h **NIV IN TRANSPORT**

How do I manage Pediatric patients in transport  
TBA

How do I manage Neonatal patients in transport  
Dr. C. Milési

NIV in the helicopter?  
Inaer

13:30-14:30 h **LUNCH SYMPOSIUM**

14:30-16:00 h **CLINICAL CASES**  
5-6 selected controversial clinical cases to discuss among the audience

16:00-16:20 h **COFFEE BREAK**

16:20-18:00 h **ORAL PRESENTATIONS**

20:00-21:00 h **DINNER SYMPOSIUM**



September 25th

08:00-09:30 h **HANDS-ON SESSION**

(select 2 out of 3) max 50 attendees  
• NAVA in Pediatrics  
Dr. M. Pons, Dr. C. Milési, Dr. L. Pérez  
• Asynchrony management  
Dr. T. Gili, Dr. J. Mayordomo  
• ARDS scenario: do you agree the algorithm?  
Dr. A. Medina, Dr. V. Modesto

09:30-10:00 h **COFFEE BREAK**

10:00-11:30 h **HANDS-ON SESSION**

(select 2 out of 3) max 50 attendees  
• NAVA in Pediatrics  
• Asynchrony management  
• ARDS scenario: do you agree the algorithm?

11:30-13:00 h **ORAL PRESENTATIONS**

13:00-14:15 h **LUNCH SYMPOSIUM**

15:15-16:00 h **HAS HFNC A ROLE IN CRITICAL CARE?**

HFNC in the PICU  
Dr. C. Milési  
HFNC in the NICU  
TBA

15:30-16:45 h **FROM PICU TO HOME WITH NIV**

Home NIV ventilator in the PICU, are they useful?  
TBA  
How do I prepare my patient to be discharged from the hospital with NIV?  
Dr. M. Pons

16:45-17:45 h **POSTER SESSION**

17:15-17:45 h **COFFEE BREAK**

17:45-19:00 h **FUTURE BENEFITS AND HAZARDS IN PATIENTS TREATED ON NIV**

Dr. M. Amato

19:00-19:15 h **CLOSING REMARKS**

21:15 h **GALA DINNER**