

ABSTRACT SUBMISSION

In this Conference we have set aside time for oral presentations. We are either expecting to see your experience at 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, 2013

REGISTRATION FEES

CONFERENCE

	Early-bird fee until May 31 th	From June 1th
Doctors	300€/1 day 200€	450€/1 day 250€
Resident	200€/1 day 100€	300€/1 day 150€
Nursing staff/Respiratory therapist	150€/1 day 80€	225€/1 day 100€

Reduced fee if translation service is not required (-50€). There will be lectures done in Castilian and English.

WORKSHOPS

	Early-bird fee until May 31 th	From June 1th
Doctors	75€	125€
Resident	50€	75€
Nursing staff/Respiratory therapist	50€	75€

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

SPONSORING

MAQUET
GETINGE GROUP

HAMILTON
MEDICAL

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. Marco Piastra, Dr. Juan Mayordomo, Dr. Elisabet Esteban,
Dr. Christophe Milesi, Dr. Howard Stein, 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: aulapediatria@hsjdbcn.org



I INTERNATIONAL PEDIATRIC AND NEONATAL NIV MEETING

BARCELONA, SEPTEMBER 2013



ENDORSED BY



PRE-CONFERENCE WORKSHOPS

September 11th

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...

16:45 h Coffee break

Hands-on session

4 rotating groups (max. 7 person 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 neo/pediatric Skills station

Wrap up and formal closing

Oral FEEDBACK (20 min.)

Workshop leaders

Dr. Ralf Huth, PICU Mainz, Germany
Dr. Süha Demirakca, PICU/NICU, Mannheim, Germany
Dr. Karsten Laabs, PICU Mainz, Germany
Dr. Barbara Goldinger, PICU Mainz, Germany
Bernhard Schmitt, Hamilton Medical
Dr. Alberto Medina, PICU, Oviedo, Spain

Supported by an unrestricted educational grant by HAMILTON MEDICAL

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
- Discussion

16:15 h Coffee break

Hands-on session

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

Workshop leaders

Dr. Teresa Gili, PICU, Sabadell, Spain
Dr. Susana Segura, PICU, Barcelona, Spain
Dr. Martí Pons, PICU, Barcelona, Spain



INTRODUCTION

Dear colleagues,

The First International Conference on Pediatric and Neonatal Non-invasive Ventilation will be held next year in Barcelona, Spain.

This new meeting intends to be in the near future 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 will be 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 First 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 2013!

Martí Pons, Alberto Medina
Congress Chair

PROGRAM

September 12th

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

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

09:00-10:30 h **IS SYNCHRONY CRUCIAL IN NIV?**

Chair: *F.J. Cambra, M. Loscertales*

What should you know about synchrony in NIV?

P. Rimensberger

Neonatal point of view

H. Stein, A. Kugelman

Pediatric point of view

A. Medina

Discussion

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

11:00-12:30 h **NIV IN HYPOXEMIC PATIENTS**

Chair: *E. Esteban*

ARDS patients

M. Ferrer

Cancer patients

M. Piastra

Neuromuscular patients

T. Gili

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

Chair: *J. Mayordomo*

Nasal cannulae are good

J. López-Herce

Helmet is better

C. Rey

Are straps important in NIV?

R. Huth

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

Organized by Maquet

14:30-15:45 h **MONITORING YOUR PATIENT ON NIV**

Chair: *I. Jordan*

Is SF ratio a useful and safe tool?

J. Mayordomo

Monitoring CO₂ in NIV patients.

Is it worth it?

C. Milesi

Can Electric Impedance Tomography help to monitor NIV patients?

M. Piastra

Discussion

15:45-17:00 h **ORAL PRESENTATIONS**

17:00-17:15 h **COFFEE BREAK**

17:15-18:30 h **NIV IN BRONCHIOLITIS**

Chair: *A. Medina, M. Balaguer*

CPAP is enough

C. Milesi

Bilevel is better

J. Mayordomo

Heliox, is it worth it?

F. Martínón

18:30-19:00 h **WHAT I HAVE LEARNED IN THE LAST TWO YEARS ABOUT NIV IN NEONATOLOGY**

Chair: *J. Figueras, J. Moreno*

Neonatal point of view

L. Soorikian

19:00-19:30 h **WHAT I HAVE LEARNED IN THE LAST TWO YEARS ABOUT NIV IN PEDIATRICS**

Chair: *S. Segura*

Pediatric point of view

C. Dominguez

September 13th

9:00-10:30 h **DOES NIV PLAY A ROLE DURING WEANING?**

Chair: *M. Pons*

Weaning, what are we talking about?

P. Rimensberger

Postop cardiac patients

J. López-Herce

NIV, a new strategy for weaning?

M. Piastra

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

11:00-12:00 h **ORAL PRESENTATIONS**

12:00-13:15 h **A MEDICAL ENGINEER'S POINT OF VIEW ON NIV**

Chair: *M. Sánchez-Luna*

What problems am I facing with neonatal NIV patients?

To be announced

What problems am I facing with pediatric NIV patients?

D. Martín

Is a turbine-based ventilator better?

To be announced

13:15-14:30 h **LUNCH SYMPOSIUM**

14:30-14:45 h **PRESENTATION OF BONOMI RESPIRATORY CENTER AND 3RD EDITION NIV BOOK**

15:00-16:00 h **PREVENTING SKIN BREAKDOWN**

Chair: *G. Nicolás*

Pediatric patients

G. Pérez

Extremely premature patients

L. Soorikian

16:30-17:30 h **HANDS-ON SESSION**

(select 3 out of 5) max 30 attendees

- NAVA in neonates
- Selecting a neonatal interface
- Respirat. therapist: Cough assist
- Helmet in infants
- NIV during transport

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19:30-20:00 h **WHICH VENTILATORS AND INTERFACES SHOULD I BUY?**

M. Pons

20:00-20:15 h **CLOSING REMARKS**