

## ABSTRACT SUBMISSION

In this Conference, we have set aside time for oral presentations. We are either expecting to hear 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, 2019

**ORGANIZED BY**  
PICU Department of HSJD

**DIRECTOR**  
Dr. Martí Pons-Òdena

**SCIENTIFIC COMMITTEE**  
Dr. Juan Mayordomo, Dr. Alberto Medina  
Dr. Christophe Milesi, Dr. Teresa Gili

**OFFICIAL LANGUAGES**  
English. Translation will be available to Spanish

**SCIENTIFIC SECRETARIAT**  
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**MORE INFORMATION AT:**  
<http://www.cursospediatria.net>  
\* Google Chrome and Mozilla recommended web browsers

 **Education**  
**Sant Joan de Déu**



# 4<sup>TH</sup> INTERNATIONAL PEDIATRIC AND NEONATAL NIV MEETING

BARCELONA, SEPTEMBER 18-19-20TH 2019



## REGISTRATION FEES

### CONFERENCE

	Early-bird fee until May 31 st	From June 1st
Doctors	400 €	500 €
Nurses/Respiratory therapists/Residents	300 €	400 €
Industry	500 €	700 €

### WORKSHOPS

	Early-bird fee until May 31 st	From June 1st
Doctors	Free	200 €
Nurses, Respiratory therapists/Residents	Free	150 €
Industry	Free	200 €

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

ENDORSED BY:



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

# PRE-CONFERENCE WORKSHOPS

September 18th

## BASICS ON PEDIATRIC NIV

15:00-15:30 h **THEORETICAL BACKGROUND**  
Basic concepts on NIV

15:30- 16:15 h **INTRODUCING THE MATERIAL**  
Hands-on on NIV-ventilators and inter-  
faces

16:00-16:45 h **COFFEE BREAK**

16:45-18:15 h **HANDS-ON SESSIONS:  
NIV IN CHILDREN**  
NIV Common pediatric scenarios in  
hospital

18:15-19:00 h **HANDS-ON SESSIONS:  
NIV Common pediatric scenarios in  
hospital**

19:00-20:00 h **ASYNCHRONY IN NON-INVASIVE  
VENTILATION**

## TRANSITIONING FROM PICU TO HOME

15:00-15:30 h **THEORETICAL BACKGROUND**

15:30- 16:15 h **INTRODUCING THE MATERIAL**  
Hands-on on NIV-ventilators and  
interfaces

16:15- 16:45 h **COFFEE BREAK**

16:45-18:15 h **HANDS-ON SESSIONS:  
NIV IN CHILDREN**

18:15- 20:00 h **DISCUSSION OF CASES**



# INTRODUCTION

Dear colleagues,

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

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 Fourth Conference on Pediatric and Neonatal Non-invasive Ventilation a high standard event and a great success. We are looking forward to seeing you in Barcelona 2019.

**Dr. Martí Pons-Òdena**  
Chair of the Respiratory Section of ESPNIC

# PRELIMINARY PROGRAM

September 19th

08:00-09:00 h **REGISTRATION AND WELCOME  
COFFEE**

09:00-10:30 h **CURRENT SITUATION OF  
NIV IN THE WORLD**  
NIV in ARDS patients. Pardie study.  
*Dr. R. Khemani*  
NIV in India. *Dr. A. Bansal*  
NIV in South America. *Dr. M. Yunge*

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

11:00-12:00 h **DEEP INSIGHT INTO NIV**  
Lessons learned from invasive  
ventilation: What can I apply to  
do NIV better? *Dr. R. Khemani*  
Mechanical power in NIV patients.  
*Dr. V. Modesto*

12:00-13:30 h **LUNCH SYMPOSIUM**

13:30-15:00 h **ORAL PRESENTATIONS**

15:00-16:30 h **RESPIRATORY SUPPORT IN  
ASTHMA PATIENTS**  
Indications for HFNC. *Dr. C. Milési*  
Indications for NIV. *Dr. Y. López*  
Management on invasive mechanical  
ventilation. *Dr. A. Medina*

16:30-18:00 h **MEETING THE EXPERT IN THE  
TERRACE**  
NIV in ARDS patients. *Dr. R. Khemani*  
and *V. Modesto*  
NIV in Asthma patients. *Dr. Y. López,*  
*A. Medina, C. Milési*

September 20th

08:00-09:30 h **PEDIATRIC INTERACTIVE SESSIONS**  
(select one out of four)  
Basic noninvasive monitoring (LUS)  
Non-invasive monitoring (LUS)  
CPAP and NIV in middle-income and  
developing countries  
Asynchrony troubleshooting  
Cough assistance

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

10:00-11:30 h **PEDIATRIC INTERACTIVE SESSIONS**  
(select one out of four)  
Advanced noninvasive monitoring (LUS)  
Non-invasive monitoring (LUS)  
CPAP and NIV in middle-income and  
developing countries  
Asynchrony troubleshooting  
Cough assistance

11:30-13:00 h **MONITORING PATIENTS ON NIV**  
Ventilation measured by the ventilator.  
*Dr. J. Mayordomo*  
Ventilation measured by Electric  
Impedance Tomography (EIT).  
*Dr. F. Suárez-Sipmann*



Ventilation measured by  
transcutaneous CO<sub>2</sub>.  
*Dr. Miguel Gonçalves*

13:00-14:30 h **LUNCH SYMPOSIUM**

14:30-15:30 h **COFFEE with the expert**  
Home ventilation. *Dr. M. Gonçalves*  
Talking about EIT. *Dr. F. Suarez-  
Sipmann*

15:30-17:00 h **STARTING HOME NIV IN THE PICU**  
24 hours a day on NIV?  
*Dr. Miguel Gonçalves*  
From invasive to noninvasive Home  
ventilation. *Dr. M. Pons*  
Organization of Home mechanical  
Ventilation: a multidisciplinary program.  
*Dr. Miguel Gonçalves*

17:00-17:30 h **ESPNIC NIV course, does it have  
impact factor?**  
*Dr. M. Pons*

17:30-18:00 h **CLOSING REMARKS**

20:30 h **GALA DINNER**