

## AIMED AT

- Pulmonologists.
- Pediatric Intensivists
- Anesthesiologists.
- Nurses.
- Respiratory therapists.

**SJD** Sant Joan de Déu  
Barcelona · Hospital

**AUDITORIUM**  
Pediatric Cancer  
Center  
Barcelona  
(PCCB)



## NIV + HOME VENTILATION MEETING



**September**  
**26 - 28th,**  
**2024**

## EDUCATION

**SJD BARCELONA CHILDREN'S  
HOSPITAL**

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**REGISTER  
NOW!**



**Dr. Martí Pons-Òdena**  
Senior Consultant of the PICU

Accreditation  
requested from the  
European  
Accreditation Council  
for Continuing  
Medical Education  
(SEAFORMEC)

**SJD** Sant Joan de Déu  
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BARCELONA

# CONFERENCES

## September, 26th | 09:00 - 16:45 h

### 09:00 - 10:45 h **Respiratory support in PICU patients: One size does fit all?**

- Safety protocol to use HFNC out of PICU versus Use of HFNC in the PICU.
- Use of CPAP/BLPAP in the PICU.
- Just intubate all of them (and oscillate).
- Adults experience.

*10:45 - 11:15 h Coffee break*

### 11:15 - 12:30 h **Non-invasive ventilation: Behind the stage**

- Turbine-based ventilators versus Gas-compressed ventilators for NIV support?
- Ventilator's software: is this helpful? Learning from Home ventilators.

*12:30 - 14:00 h Lunch symposium*

### 14:00 - 15:30 h **Analyzing quality of the use of non-invasive ventilation**

- Data from an Argentinian center.
- Initial failure index: Should we keep it below five percent?
- Delayed failure Index of elective extubation to NIV: Low percentage, means overuse?

### 15:30 - 16:45 h **Key points to persist on non-invasive ventilation or moving to tracheostomy in ex-preterm babies**

- Neonatologist point of view.
- Intensivist point of view.
- Pulmonologist point of view.

## September, 27th | 09:00 - 16:45 h

*(overlaps with 1st Home Mechanical Ventilation Pediatric meeting)*

### 09:00 - 10:30 h **Make a decision with the mask. From the PICU to Home**

- Use of Total face mask.
- Use of alternative interfaces (Helmet, hybrid).
- Role of the interface's rotation to prevent the pressure sores.

*10:30 - 11:00 h Coffee break*

### 11:00 - 11:30 h **Prolonged ventilation**

- What do we know about prolonged ventilation in the PICU?

### 11:30 - 12:45 h **Wearing of ventilation**

- Transferring from PICU ventilator to Home ventilator: Tricks of the trade.
- Weaning from the Home ventilator: Strategies.
- Differences between diseases?

*12:45 - 14:00 h Lunch symposium*

### 14:00 - 15:00 h **Ventilatory support in the PICU for neuromuscular patients**

- Invasive ventilation and weaning.
- Non-invasive management: Our experience in adult.

### 15:00 - 16:45 h **Managing chronic complex patients**

- Bronchopulmonary dysplasia: Making a decision: Tracheostomy or NIV?
- Ventilator's software: is this helpful? Adult experience.
- Diaphragm evaluation:
  - Ultrasounds
  - Electrical activity
  - Alternative monitoring / EIT

## September, 28th | 08:30 - 18:00 h

### 08:30 - 10:00 h **Ancillary treatments and ventilation**

- Nebulization in patients with Home ventilatory respiratory support (invasive non-invasive).
- Humidification and Home ventilators.
- Role of respiratory therapist in Home ventilation.

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

### 10:30 - 12:00 h **Talking about tracheostomy**

- How I select the right cannula?
- When and how I introduce the phonatory valve?
- Tubing: double, single or leak circuit?

### 12:00 - 13:00 h **Modes: routine versus fashion in home ventilation**

- Pressure modes for ever.
- In love with Volume guarantee.
- My experience with intelligent modes.

*13:00 - 14:30 h Lunch symposium*

### 14:30 - 16:00 h **Home ventilation**

- Monitoring Cough-assist's learning curve with Electric Impedance Tomography.
- Elective initiation of NIV at Home: A pilot experience.
- In-built software: Learning through clinical scenarios.

### 16:00 - 16:30 h **Living with a tracheostomy: parent's point of view**

### 16:30 - 18:00 h **Interactive session with the expert / parents in the terrace**



## CONFIRMED SPEAKERS



*Dr. Fernando Suarez-Sipmann, Dr. Marloes Ijland, Dr. Martino Pavone, Dr. Manel Luján, Dr. Atsushi Kawaguchi, Dr. Isabel Gascón, Dr. Robinder Khemani, Dr. Robert Blokpoel, Dr. Christóphe Milési, Lic. Fernando Paziencia, Dr. Cristina Carrasco, Dr. Lluïsa Hernandez*

## PARALLEL ACTIVITIES

### WORKSHOPS

**September, 26th | 17:00 - 21:00 h**

**NIV acute setting workshop**

**September, 27th**

17:00 - 21:00 h

**Home ventilation face-to-face workshop**

17:00 - 20:00 h

**Lung ultrasounds workshop**