

## AIMED AT

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

## ENDORSED BY

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**ResMed**

Accreditation  
requested from the  
European  
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**AUDITORIUM**  
Pediatric Cancer  
Center  
Barcelona  
(PCCB)



Home  
mechanical  
ventilation  
programme

## EDUCATION

**SJD BARCELONA CHILDREN'S  
HOSPITAL**

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## 1st INTERNATIONAL PEDIATRIC Home Mechanical Ventilation Meeting



September  
27 - 28th,  
2024

## CONFERENCES

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

(overlaps with 6th International Pediatric and Neonatal NIV 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 **WEANING 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 adults.

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.

## CONFERENCES

September, 28th | 09:00 - 18:00 h

09:00 - 10:30 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.

10:30 - 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**

**HEARING YOUR VOICE.  
A PATHWAY TO IMPROVEMENT**



## CONFIRMED SPEAKERS



Dr. Fernando Suarez-Sipmann, Dr. Marloes Ijland, Dr. Martino Pavone, Dr. Manel Luján, Dr. Atsushi Kawaguchi, Dr. Isabel Gascón, Sonia Khirani, Dr. Oliver Haag

## PARALEL ACTIVITIES

### WORKSHOPS

September, 27th

17:00 - 21:00 h

**HOME VENTILATION face-to-face WORKSHOP**

17:00 - 20:00 h

**LUNG ULTRASOUNDS WORKSHOP**

September, 28th | 11:00 - 18:00 h

**LIVING WITH A TRACHEOSTOMY: PARENT'S POINT OF VIEW**



11:00 - 13:00 h

- What I missed regarding making the decision?
- What I missed regarding the information?
- Is necessary psychological support?

*13:00 - 14:00 h Lunch break*

14:00 - 15:00 h

- Teaching / learning process in SJD
- Teaching / learning process in other places

15:00 - 16:00 h

Summary of proposals for the professionals

16:00 - 16:30 h

Presentation to the professionals

16:30 - 18:00 h **INTERACTIVE SESSION WITH THE EXPERT / PARENTS IN THE TERRACE**