



The 3rd Congress of
INSPIRED
**International Society of
 Pediatric Respiratory Diseases**

The Only Global Congress Focused on Pediatric Respiratory Diseases

26-29 June 2025 | Barcelona, Spain



PRELIMINARY SCIENTIFIC PROGRAM

THURSDAY JUNE 26TH - Pre-Congress

(Separate registration and payment are required)

Interventional Bronchoscopy	Imaging of the Pediatric Chest	Home Non-Invasive Respiratory Support	Iberoamerican Meeting. Course in Spanish	POCUS for the Pediatric Pulmonologist
<p>Chair: Dirk Schram</p> <p>08:30 – 09:00 Welcome and Course Introduction</p> <p>09:00 – 09:30 Introduction of the Cryo-Technique</p> <p>09:30 – 10:30 Fields of Application (Feasibility, Safety and Complications)</p> <p>10:30 – 11:00 Coffee Break</p> <p>11:00 – 12:00 Transbronchial Lung Cryobiopsy</p> <p>12:30 – 13:30 Lunch Break</p>	<p>Chair: Paul Guillerman</p> <p>8:30-8:40 Welcome and Course Intro</p> <p>8:40-9:10 Pediatric Chest X-Ray and CT Interpretation: The Basics</p> <p>9:10-9:40 Pediatric Lung Ultrasound: How I Do It</p> <p>9:40-10:10 Post-Treatment and Drug-Induced Lung Disease</p> <p>10:10-10:30 Coffee Break/Discussion</p> <p>10:30-11:00 Infectious Lung Disease: Evidence-Based vs. Evidence-Based Imaging</p>	<p>Chairs: Aroonwan Preutthipan, Jean-Paul Praud, Joel Reiter</p> <p>8.00-8.30 Registrations</p> <p>8.30-8.40 Introduction and welcome remarks</p> <p>8.40-9.15 Physiological concepts and mechanics of NIV</p> <p>9.15-9.50 Benefits, indications, contraindications and complications</p> <p>9.50-10.30 Break (NIV equipment on display)</p>	<p>Chairs: Manuel E. Soto Martinez, Renato Stein, Malena Cohen-Cyberknoh, Antonio Moreno (Spanish session)</p> <p>8:30 – 8:40 Welcome and Introduction.</p> <p>8:40-9:10 Severe asthma remission: is it possible?</p> <p>9:10-9:40 Exploring the effect of the COVID-19 Pandemic on the Human Microbiome: Implications for Childhood Asthma</p>	<p>Chair: Sigmond Kharash</p> <p>8:30am-9:00am- Welcome and Introduction</p> <p>9:00am-9:45am- Lung Ultrasound Lecture</p> <p>9:45am-10:30am- Hands on Lung Ultrasound Training</p> <p>10:30am-11:15am- Diaphragmatic Ultrasound</p> <p>11:15am-12:00pm- Hands on Diaphragmatic Ultrasound Training</p> <p>12:00-13:00- Lunch</p>

13:30 – 14:30 Foreign Body Removal	11:00-11:30 New Lung Disorders to Recognize	10.30-11.05 How to select interfaces, masks and maintenance techniques	9:40-10:10 Asthma phenotypes in the preschool child.	13:00-13:45-Lung Ultrasound in Cystic Fibrosis Lecture
14:30 – 15:15 Debulking and Restoration of Airway Patency	11:30-12:00 Imaging of Pulmonary Hypertension	11.05-11.40 How to initiate NIV (modes, ventilator circuits, humidification systems, trick to minimize leak, adjust the settings)	10:10-10:30 Coffee break	13:45-14:00 Wrap up and discussion
15:15 – 15:30 Discussion	12:00-13:00 Lunch Break	11.40-13.00 Lunch, discussion with speakers and equipment on display	10:30-11:00 Extrapulmonary manifestation of Cystic Fibrosis and the impact of CFTR modulators.	
	13:00-13:30 Real Applications of Artificial Intelligence	13.00-13.35 Follow up, monitoring and improving adherence	11:00-11:30 Pulmonary hypertension and bronchopulmonary dysplasia.	
	13:30-14:00 Dynamic Airway Imaging	13.35-14.15 Interactive case discussion: A 5-year-old child with neuromuscular weakness	11:30-12:00 Fitness to fly with chronic pulmonary diseases.	
	14:30-15:00 Lung MRI: The New and Improved V/Q Scan	14.15-14.45 Break (NIV Equipment on Display)	12:00-13:00 Lunch break	
	15:00-15:30 Imaging of Thoracic Lymphatic Disorders	14.45-15.45 Equipment demonstration and hands-on workshop	13:00-13:30 A critical view of diagnostic methods in community acquired pneumonia.	
	15:30-16:00 Advances in Pediatric Thoracic Interventional Radiology		13:30-14:00 Evaluation and Management of Complicated Pneumonia.	
			14:00-14:30 Update on the diagnosis and treatment of tuberculosis.	
			14:30-15:00 Wrap up and group discussion	

16:00 - 17:30 Meeting of the National Representatives Forum

18:00 – 21:00 **OPENING CEREMONY**

18.00- 20:30 Welcoming Addresses

Keynote Lectures:

18:15 – 18:45 WHO sponsored lecture: The latest WHO recommendations for respiratory vaccines for children

18:45 – 19:15 Respiratory Syncytial Virus and Streptococcus pneumoniae in the pathogenesis of childhood respiratory infections. Friends, enemies or partners in the offence

19:15 – 20:30 Welcome Cocktail Reception

FRIDAY JUNE 27TH

<p>7:30 - 8:25 Rise and Shine Special Interest Group</p> <p>Asthma in LMICs</p> <p>OPEN TO ALL CONGRESS PARTICIPANTS</p>	<p>7:30 - 8:25 Rise and Shine Special Interest Group</p> <p>Cystic Fibrosis and other Suppurative Lung Diseases</p> <p>OPEN TO ALL CONGRESS PARTICIPANTS</p>	<p>7:30 - 8:25 Rise and Shine Special Interest Group</p> <p>NIV / Sleep</p> <p>OPEN TO ALL CONGRESS PARTICIPANTS</p>
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<p>8:30 – 10:00: PLENARY SESSION</p>
<p>The New ERS Guidelines on Preschool Wheeze: Practical Insights for Early Childhood Respiratory Care</p> <p>Advances in Interventional Pediatric Fiberoptic Bronchoscopy: Techniques and Applications in Pulmonary Care</p> <p>Young Investigator Award Presentation Young Investigator Award Presentation</p>

10:00 - 10:30 Coffee Break and Exhibition Visit

<p>12:15 - 13:15: Lunch Break - Pharma Sponsored Symposia (Early registration is required)</p>
<p>13:15 - 14:15: Thematic E-poster Session - POSTER AREA</p> <p>Future Directions in Diagnosing and Treating Obstructive Sleep-Disordered Breathing in Children: Emerging Perspectives and Innovations</p> <p>AI generated tools in pediatric respiratory medicine</p> <p>Young Investigator Award Presentation Young Investigator Award Presentation</p>

<p>SYMPOSIUM A 14:15-15:45</p>	<p>SYMPOSIUM B 14:15-15:45</p>	<p>SYMPOSIUM C 14:15-15:45</p>
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<p>Bill & Melinda Gates Foundation Symposium: Can we reduce early childhood mortality from respiratory diseases?</p> <p>Introduction: Update on the global burden of childhood pneumonia and impact of preventive interventions</p> <p>New pneumococcal vaccine strategies</p> <p>Maternal vaccination to prevent RSV in infants</p> <p>Azithromycin to reduce childhood mortality</p>	<p>Cystic Fibrosis</p> <p>Latest Advances in European Cystic Fibrosis Guidelines: What Clinicians Need to Know</p> <p>Cystic fibrosis in LMICs, Challenges Amid Rising Prevalence</p> <p>CFTR-Related Disorders: Diagnosis and Clinical Implications</p>	<p>Rare Lung Diseases</p> <p>Post-infectious bronchiolitis obliterans</p> <p>Clinical Practice Guidelines of Childhood Interstitial Lung Diseases</p> <p>Evaluation and management of chILD across the life course.</p>
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15:45 – 16:00 Coffee Break and Exhibition Visit

<p>SYMPOSIUM A 16:00 - 17:30</p>	<p>SYMPOSIUM B 16:00 - 17:30</p>	<p>SYMPOSIUM C 16:00 - 17:30</p>
<p>Lancet Global Health Symposium - Access to Pulse Oximetry and Oxygen for Children</p> <p>Launch of the Lancet Global Health Commission on Medical Oxygen Security</p> <p>Lancet Global Health Oxygen Commissioner</p> <p>Welcome and short video, <i>Zoë Mullan, Editor, Lancet Global Health Oxygen Commission</i></p>	<p>Long Term Outcomes of Pediatric Respiratory Diseases</p> <p>Lung-function trajectories: relevance and implementation in clinical practice: The CADSET study</p> <p>Future Consequences of Indoor environmental exposures and respiratory health</p> <p>Can We Enhance Long Term Respiratory Outcomes of Neonatal Pulmonary Diseases</p>	<p>Challenges in Management of Chronic Lung Diseases</p> <p>Management of non-CF bronchiectasis</p> <p>Recent advances in the diagnosis and treatment of Primary Ciliary Dyskinesia</p> <p>Respiratory challenges in children with severe neurological impairment: Management and Care Strategies</p>

<p>Academic presentations: Pulse oximetry and child health</p> <p>Acute oxygen access and children</p> <p>Long-term oxygen therapy and children</p> <p>Audience Q&A</p> <p>Closing with patient testimony</p>		
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18:30 - 20:30 Barcelona tour

(Optional, Separate registration and payment are required)

20:30 Welcome reception for residents, fellows and young faculty

SATURDAY JUNE 28TH

<p>7:30 - 8:25 Rise and Shine Special Interest Group</p> <p>RSV, Bronchiolitis and Preschool Wheeze</p> <p>OPEN TO ALL CONGRESS PARTICIPANTS</p>	<p>7:30 - 8:25 Rise and Shine Special Interest Group</p> <p>Respiratory Challenges in the Neonatal Period, Congenital Lung Diseases</p> <p>OPEN TO ALL CONGRESS PARTICIPANTS</p>	<p>7:30 - 8:25 Rise and Shine Consultation Clinic</p> <p>Submit your Cases for Consultation</p>
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8:30 - 10:00: PLENARY SESSION

New and Emerging Medical Devices to Improve Child Respiratory Health

Lung microbiome: new insights into potential implications in respiratory diseases in children

Young Investigator Award Presentation

Young Investigator Award Presentation

10:00 - 10:30 Coffee Break and Exhibition Visit

10:30 - 12:00: PLENARY SESSION

Necrotizing pneumonia in Children: Clinical Insights and Treatment Strategies

CT or MRI - which study should I request?

Young Investigator Award Presentation

Young Investigator Award Presentation

12:15 - 13:15: Lunch Break - Pharma Sponsored Symposia (Early registration is required)

13:15 - 14:15: Thematic e-Poster Discussion - Area of Posters

SYMPOSIUM A 14:15-15:45	SYMPOSIUM B 14:15-15:45	SYMPOSIUM C 14:15-15:45
Clinical Cases Symposium Clinical cases that are sent by the participants and chosen to be presented and discussed Difficult cases will be chosen and discussed by experts	Oral Presentation of Selected Abstracts	Oral Presentation of Selected Abstracts

15:45-16:00: Break

SYMPOSIUM A 16:00-17:30	SYMPOSIUM B 16:00-17:30	SYMPOSIUM C 16:00-17:30
<p>Childhood Asthma Updates</p> <p>GINA update: new paradigms?</p> <p>Biologic Therapies in Severe Childhood Asthma: Selecting and Sustaining Effective Treatment</p> <p>Phenotypes through adulthood: how to intervene early on</p>	<p>Respiratory Physiology</p> <p>Which lung function test should I use? Practical approaches in preschool lung function: LCI, FOT and impulse oscillometry</p> <p>Update in infant and preschool lung function in clinical practice</p> <p>Utility of cardiopulmonary exercise testing in Chronic Lung Diseases</p>	<p>Recent Advances on Sleep-Disordered Breathing</p> <p>Diagnosis of Obstructive Sleep-Disordered Breathing in the first 2 years of life</p> <p>Pro-Con debate on Home Sleep Apnea Tests in Children: Are we There Yet? (20 min each speaker, followed by 5 min of additional comments after the talk of the other speaker)</p>

INSPIRED EVENING PARTY

SUNDAY JUNE 29TH

<p>7:30 - 8:25 Rise and Shine Special Interest Group</p> <p>Imaging of the Chest, POCUS</p> <p>OPEN TO ALL CONGRESS PARTICIPANTS</p>	<p>7:30 - 8:25 Rise and Shine Special Interest Group</p> <p>Young Faculty Working Group</p> <p>Career Development Networking</p> <p>OPEN TO ALL CONGRESS PARTICIPANTS</p>	<p>7:30 - 8:25 Rise and Shine Special Interest Group</p> <p>Respiratory Infections and Community Acquired Pneumonia</p> <p>OPEN TO ALL CONGRESS PARTICIPANTS</p>
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8:30 - 10:00: PLENARY SESSION

The Journey of CFTR from cloning to drug development

Pediatric Pulmonary & Sleep Medicine 2023-2024

Air Pollution and Climate Change Implications for Children's Lung Health: Challenges and Future Strategies

10:00 - 10:45 Coffee Break and Exhibition Visit

SYMPOSIUM A 10:45-12:15	SYMPOSIUM B 10:45-12:15	SYMPOSIUM C 10:45-12:15
<p>Asthma in Childhood</p> <p>Asthma inception: understanding the underlying mechanisms and risk factors of asthma in children</p> <p>Obesity Related Asthma: Pathophysiology and treatment approaches</p> <p>Addressing challenges in LMICs: underdiagnosis, lack of access to healthcare and the impact of urbanization</p>	<p>Respiratory Challenges in Pediatrics</p> <p>Advances in Diagnosing and Treating Pulmonary Hypertension in Infants and Young Children</p> <p>Tobacco, nargila (hookah) and vaping smoking in children: challenges in different environments</p> <p>Chronic lung disease of prematurity: prevention and long-term management</p>	<p>Pneumonia and Tuberculosis</p> <p>Pro-con debate: Active Intervention or Conservative Management: The Pleural Effusion Debate</p> <p>New advances in prevention and management of pulmonary TB in children</p> <p>Resurgence of Mycoplasma pneumoniae: Addressing the Challenge of a Re-Emerging Pathogen</p>

12:15-13:15 Radiology Quiz Review

Bronchoscopy Quiz Review

13:15 – 14:00 Closure Ceremony and Awards: Drinks and Street