



Preliminary Educational and Scientific Program

April 25-26, 2018: Pre-Conference Workshops (topics to be announced)

Wednesday (April, 25): 09:00 - 18:00

Thursday (April, 26): 08:00 - 12:00

April 26-28, 2018: Main Conference

Thursday (April, 26): 13:30 - 18:00

Friday (April, 27): 08:00 - 18:15

Saturday (April, 28): 08:30 - 12:15

Pre-Congress Workshops and Postgraduate Courses (1)

Wednesday, April 25, 2018

09:00 - 13:00

W1 Disease tailored ventilation strategies

This workshop will cover various neonatal lung diseases and conditions and discusses what the best ventilation strategy is. Is it recruitable? Is avoiding overdistension the aim? What is the best modality to use?

Workshop Leaders: David Tingay (Australia), Martin Keszler (USA), Andreas Flemmer (Germany) and Peter Rimensberger (Switzerland)

PGC1 Lung ultrasound (1)

Basic concepts and protocol guided examination

Philippe Durand (France)

Pre-Congress Workshops and Postgraduate Courses (2)

Wednesday, April 25, 2018

14:00 - 18:00

W2 Neonatal HFV ventilators: do they differ?

(with hands-on)

Speakers/Facilitators: David Tingay (Australia), Peter Rimensberger (Switzerland), Martin Keszler (USA), Sathoshi Nakagawa (Japan) and Andreas Flemmer (Germany)

PGC2 Lung ultrasound (2)

Clinical utility of lung ultrasound in the PICU - Philippe Durand (France)

Clinical utility of lung ultrasound in the NICU - Daniele de Luca (France)

Pre-Congress Workshops and Postgraduate Courses (3)

Thursday, April 26, 2018

08:00 - 12:00

W3 ECMO: Simulation Workshop (TBC)

Workshop Leaders: TBN

(with hands-on)

W4 Electrical Impedance Tomography (EIT):

How does it work, what information can it provide compared to other imaging modalities?

Introduction to EIT - Inez Frerichs (Germany)

Possible impact of EIT on clinical practice - David Tingay (Australia)

The final steps to introduce EIT in clinical practice: the CRADL project - Richard Bayford (UK)

What can we see, what can we measure, which output do we get? (TBN)

Hands-on

from 10:30	Check-in and Registration
12:15 - 13:15	Lunch Symposium
13:30 - 13:35	Opening Remarks <i>Peter C Rimensberger (Switzerland)</i>
13:35 - 15:45	Opening Lectures: From Berlin to Montreux
13:40-	The Berlin adult ARDS definition: Does it meet our needs?
14:00	<i>Marco Ranieri (Italy)</i>
14:00-	The paediatric ARDS definition. What does it bring to the table
14:20	<i>Martin Kneyber (The Netherlands)</i>
14:20-	The Montreux neonatal ARDS definition: Will it meet our needs?
14:40	<i>Daniele de Luca (Italy)</i>
14:40-	Panel Discussion
15:00	
15:00 -15:30	Coffee break
15:30 - 18:00	The tidal volume and PEEP story revisited
15:30-	What do we know about "optimal" Vt?
16:00	<i>Martin Kneyber (The Netherlands)</i>
16:00-	Individualized Vt-targeting in neonates
16:30	<i>Martin Keszler (USA)</i>
16:30-	My first ventilator settings: A pathophysiologic rationale
17:00	<i>Peter Rimensberger (Switzerland)</i>
17:00-	Pressures and Mechanical Power
17:40	<i>Marcelo Amato (Brazil)</i>
17:40-	OP 1: "Open Lung Approach" paradox. Is mechanical power the solution?
18:00	<i>Vicent Modesto i Alapont (Spain)</i>
18:00 - 20:00	Welcome Reception in the Exhibition Area

08:00 - 08:50	How to get it right (1): Extracorporeal Support	How to get it right (2): Less and minimal invasive surfactant therapy
08:00- 08:25	Extracorporeal support for acute respiratory failure: Shall we rest the lung? <i>Marco Ranieri (Italy)</i>	08:00- 08:50
08:25- 08:50	Extracorporeal support for acute respiratory failure: How to manage anticoagulation, when to transfuse? <i>Heidi J Dalton (USA)</i>	Less and minimal invasive surfactant therapy: - Which method, when and how? - With or without sedation? <i>Xavier Durmeyer (France)</i>
09:00 - 10:45	Supportive measures in mechanically ventilated children	Pulmonary hypertension in newborns: Not all clinical scenarios are the same
09:00- 09:25	Giving oxygen: not too much, not too little, just what is right <i>Alberto Medina (Spain)</i>	09:00- 09:25
09:25- 09:50	The sats are low – push in the blood? <i>Stacey Valentine (USA)</i>	09:25- 09:55
09:50- 10:05	Steroids – what do the adults recommend? <i>Marco Ranieri (Italy)</i>	09:55- 10:10
10:05- 10:30	Does fluid management affect patient outcome? <i>Stacey Valentine (USA)</i>	10:10- 10:35
10:30- 10:45	Oral Presentation (1)	10:35- 10:45
10:45 - 11:15	<i>Coffee break</i>	
11:15 - 12:30	Poster Walks	
	5 Oral presentations (pediatric topics)	5 Oral presentations (neonatal topics)
12:30 - 14:00	<i>Break</i>	
12:45 - 13:45	<i>Lunch symposium</i>	

14:00 - 14:40	Functional measurements at bedside (1)	Functional measurements at bedside (2)
14:00- 14:40	Lung function assessment in the ICU: The essentials <i>Andreas Schibler (Australia)</i>	14:00- 14:40 Assessing cardiopulmonary interactions with ultrasound in the neonate <i>Yogen Singh (UK)</i>
14:45 - 16:00	Challenges and risks when assisting spontaneous breathing	BPD - an ongoing challenge
14:45- 15:10	The inadvertent risks of assisting spontaneous breathing <i>Marcelo Amato (Brazil)</i>	14:45- 15:10 Why did most intervention studies for BPD fail <i>TBN</i>
15:10- 15:35	Is tidal volume variability in spontaneously breathing preterm infants a bad thing? <i>TBN</i>	15:10- 15:35 Is the problem the diagnosis or do we need a new way of assessing respiratory outcomes? <i>David Tingay (Australia)</i>
15:35- 16:00	Towards better synchronization and proportional assist of spontaneous breathing <i>TBN</i>	15:35- 16:00 Mechanical ventilation in BPD patients <i>Martin Keszler (USA)</i>
16:00 - 16:30	<i>Coffee break</i>	
16:30 - 18:15	Bronchiolitis – an ongoing challenge	Trends towards newer modes of non-invasive support and interventions in neonates
16:30- 17:00	RSV Prevention: Is the mother the solution? <i>TBN</i>	16:30- 16:50 NIPPV in the neonate: Towards better synchronization – what is needed? <i>Peter Rimensberger (Switzerland)</i>
17:00- 17:40	HFNC, CPAP or what else? - HFNC is my first choice <i>Andreas Schibler (Australia)</i> - CPAP is my first choice <i>Alberto Medina (Spain)</i>	16:50- 17:10 NIPPV in the neonate: Experience with the abdominal wall movement signal <i>Andreas Flemmer (Germany)</i>
17:40- 18:00	Roundtable discussion: Ventilating a baby with bronchiolitis? <i>Alberto Medina (Spain), Andreas Schibler (Australia), Martin Kneyber (The Netherlands)</i>	17:10- 17:30 NIPPV in the neonate: Experience with the diaphragmatic signal <i>TBN</i>
		17:30- 17:50 Nasal HFOV: do we yet know why, whom and when? <i>Daniele de Luca (France)</i>
		17:50- 18:00 Panel discussion

08:30 - 09:30	How to get it right (3): severe ARDS	Respiratory transition and respiratory support after preterm birth
08:30- 09:00	Refractory hypoxemia, what to do? A physiologic approach <i>Martin Kneyber (The Netherlands)</i>	08:30- 09:00 Predicting respiratory support transition in preterm infants <i>TBN</i>
09:00- 09:30	When to use HFOV in PARDS: Clinical view <i>Satoshi Nakgawa (Japan)</i>	09:00- 09:30 How do babies breathe at birth? Insights from imaging the first breathes of life <i>David Tingay (Australia)</i>
09:30 - 10:00	Coffee break	
10:00 - 12:00	Clinical study designs: How to become better?	
10:00- 10:30	Prevention studies: The neonatologists view <i>TBN</i>	
10:30- 11:00	Intervention studies: The neonatologists view <i>TBN</i>	
11:00- 11:30	The use of registries for data analysis and hypothesis generation (The example of ELSO) <i>Heidi J Dalton (USA)</i>	
11:30- 12:00	Bringing physiology back to clinical trials <i>TBN</i>	
12:00 - 12:15	Closing Remarks	

Please note that this scientific program is preliminary and subject to changes!

(version 16/11/17)