



# IPOKRATES Foundation Clinical Seminar



## Neonatal Respiratory Support: State-of-the-art in respiratory assistance, delivery room care, prevention and treatment of chronic lung disease

October 10-12, 2016  
Naples, Italy

### Objectives

IPOKRATES seminars provide high-quality postgraduate education, which enables professionals to keep abreast on the most recent developments, and offers participants the opportunity to discuss clinical problems and scientific issues personally with international experts. Emphasis will be made on providing a structured approach to care of the extremely premature infant from its theoretical and physiological basis to clinical patient management.

### Lecturers

Anton van Kaam MD Emma Children's Hospital, University of Amsterdam, Amsterdam, The Netherlands  
Martin Keszler MD Women and Infants Hospital, Brown University, Providence, RI, USA  
Haresh Kirpalani MD Children's Hospital of Philadelphia, University of Pennsylvania, PA, USA  
Charles C Roehr MD Oxford University Hospitals, Oxford, England  
Francesco Raimondi MD Università „Federico II“ di Napoli, Napoli, Italy

Limited Number of Participants: 60  
Please Note: Only registered participants, NO on site registration!  
Please register via internet: <http://www.ipokrates.info>

**Program Design** Martin Keszler MD, Providence, RI, USA

**Target Groups** Physicians and other health care professionals from academic and non-university hospitals with interest in mechanical ventilation and other forms of life support. This includes Neonatologists, Pediatricians, Intensivists, Anesthesiologists and others. The number of participants is limited to 60, to optimize opportunity for interaction with faculty.

**Major Sponsors** Dräger, Elsevier, Nestlé Nutrition Institute, Pediatric Air Ambulance

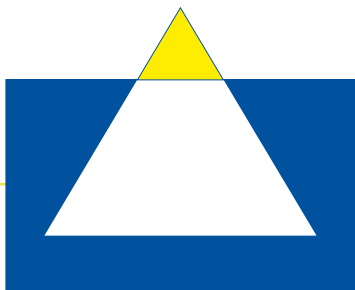
### Local Sponsors

**Local Organizer** **Francesco Raimondi MD**  
Direttore U.O. Neonatologia e Terapia Intensiva Neonatale  
Responsabile Servizio di Trasporto di Emergenza Neonatale  
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**Travel** VISA required, each participant is responsible for his/her VISA, and IPOKRATES assumes NO liability.

<b>Participation Fees</b>		before June 30, 2016	after July 1, 2016
	Single Person	300,00 €	350,00 €



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## Monday, October 10, 2016

13.00-13.15	Welcome and introductory remarks	Keszler M and Raimondi F
13.15-14.00	Essentials of pulmonary physiology and lung mechanics	van Kaam A
14.00-15.00	Principles of gas exchange: CO2 elimination, oxygenation, tissue oxygen delivery	Keszler M
15.00-15.30	<i>Break</i>	
15.30-16.30	Assessment of newborn infants in the delivery room.	Roehr CC
16.30-17.30	What is new in Surfactant Replacement Therapy?	van Kaam A

## Tuesday, October 11, 2016

08.00-09.00	Optimizing Delivery Room Transition	Roehr CC
09.00-10.00	The Open Lung concept/optimizing lung volume in the NICU	van Kaam A
10.00-10.30	<i>Break</i>	
10.30-11.30	Non-invasive respiratory support	Kirpalani H
11.30-12.30	High-frequency ventilation 2016	van Kaam A
12.30-13.30	<i>Lunch</i>	
13.30-14.30	Important concepts in the physiology of mechanical ventilation	Keszler M
14.30-15.30	Current approach to persistent pulmonary hypertension (PPHN)	Kirpalani H
15.30-16.00	<i>Break</i>	
16.00-17.00	Use of pulmonary graphics to optimize respiratory support	Roehr CC
17.00-17.30	Roundtable Discussion	All Faculty

## Wednesday, October 12, 2016

08.30-09.30	Meconium Aspiration Syndrome: Prevention, Pathophysiology and Management	Roehr CC
09.30-10.30	Volume-targeted ventilation: New paradigm in neonatal ventilation	Keszler M
10.30-11.00	<i>Break</i>	
11.00-12.00	Lung ultrasound: a novel imaging tool in the NICU	Raimondi F
12.00-13.00	<i>Lunch</i>	
13.00-14.00	BPD-new and old: Its Definition, Pathophysiology and Management	Kirpalani H
14.00-15.00	Ventilator management - case presentations	Keszler M
15.0-16.00	When has enough evidence accumulated to make for a standard of care?	Kirpalani H
16.00-16.15	Closing Remarks	Raimondi F and Keszler M

**Subject to change.**