



# IPOKRATES Foundation Clinical Seminar



## The BEST of IPOKRATES: An UPDATE in NEONATOLOGY

September 4 – 7, 2017

Koninklijk Instituut voor de Tropen (KIT), Amsterdam, The Netherlands

### Objectives

IPOKRATES seminars provide high quality intensive theme-oriented postgraduate education, which enables professionals to keep abreast of the most recent developments and offer participants the opportunity to discuss clinical problems or scientific issues personally with international experts. This „Best of IPOKRATES“ conference offers a more comprehensive update on a multi-thematic scale that includes pathophysiology, clinical assessment, management and care, and ethical issues in the premature and mature newborn with medical and surgical problems, while also offering ample opportunities for personal interaction with the international experts during breakout sessions.

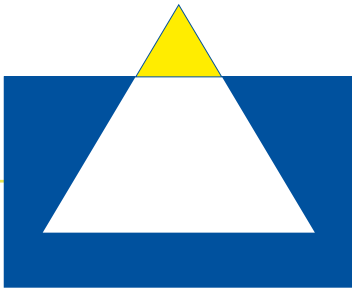
### Lecturers

Aschner J.	Albert Einstein College of Medicine, Bronx, NY, USA
Cilio M.R.	University of California, San Francisco, USA
Dame, Ch.	Humboldt University, Berlin, Germany
Davis P.	University of Melbourne, Melbourne, Australia
De Vries L.	University Medical Centre Utrecht, Utrecht, The Netherlands
Hay W.	University of Colorado, School of Medicine, Aurora, Colorado, USA
Jaksic T.	Children's Hospital Boston, Boston, MA, USA
Jobe A.	University of Cincinnati, Cincinnati, USA
Keszler M.	Brown University, Rhode Island, USA
Kirpalani H.	University of Pennsylvania, Philadelphia, USA
Korf B.	University of Alabama at Birmingham, Birmingham AL, USA
Neu J.	University of Florida, College of Medicine, Gainesville, USA
Polin R.	Columbia University, N.Y, USA
Seri I.	Sidra Medical and Research Center, Doha, Qatar
Thebaud B.	University of Ottawa, Ottawa, Canada
Van den Anker J.	Children's National Medical Center, Washington, DC, USA
Van Goudover J.B.	VU University Medical Center, Amsterdam, The Netherlands
Van Kaam A.	Academic Medical Center, University of Amsterdam, Amsterdam, The Netherlands
Vento M.	University & Polytechnic Hospital La Fe, Valencia, Spain
Verhagen E.	University Medical Center Groningen, Groningen, The Netherlands

Limited Number of Participants: 250

Please Note: Only registered participants, NO on site registration!

Please register via internet: <http://www.ipokrates.info>



**Program Design** Neu J., Gainesville, Florida, USA

**Target Groups** Doctors, nurses and affiliates of university and non-university hospitals in the field of neonatology and intensive care, pediatrics and related specialties.

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

**Local Sponsors**

**Local Organizer** **Anton van Kaam, Professor of Neonatology**

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**Information/  
Registration**

**IPOKRATES Head Office c/o m:con – mannheim:congress GmbH**  
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Phone +49 (0)621 4106-134, Fax +49 (0)621 4106-80134  
e-mail: ipokrates@mcon-mannheim.de, internet: <http://www.ipokrates.info>

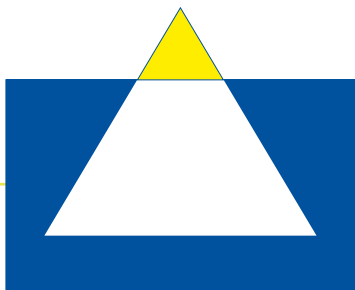
**Participation Fees**

	before May 31, 2017	after June 1, 2017
Single Person	470,00 €	520,00 €



**Dräger**





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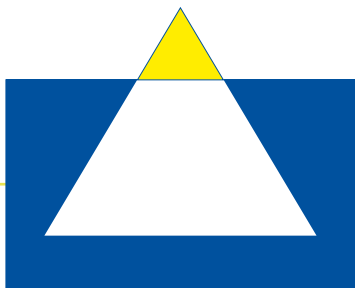
## Monday, September 4, 2017

08:00-08:30	Introductions	A. van Kaam, G. Simbruner and J. Neu
08:30-09:15	Physiologic Principles of Newborn Stabilization and Resuscitation (including oxygen targeting during resuscitation and monitoring)	M. Vento
09:15-10:00	Introduction to Stabilization and Resuscitation: Discussion of ILCOR Guidelines	P. Davis
10:00-10:30	<i>Break</i>	
10:30-11:15	The Human Genome in Health and Disease	B. Korf
11:15-11:45	Development of the GI Tract: Clinical Implications	J. Neu
11:45-12:30	Respiratory Distress Syndrome: Where have we been and where are we going?	A. Jobe
12:30-02:00	<i>Lunch</i>	
02:00-02:30	Physiologic Principles for Respiratory Support	M. Keszler
02:30-03:15	Neurologic Stabilization for Babies Exposed to Hypoxia-Ischemia: Hypothermia, EPO and Beyond	Ch. Dame
03:15-03:45	Chronic Lung Disease: The New BPD	A. Jobe
03:45-04:15	<i>Break</i>	
04:15-05:00	Developmental and Neonatal Pharmacology: Something Old and Something New	J. van den Anker
05:00-05:45	Nutritional Needs of the Low Birthweight Infants	H. van Goudoever

## Tuesday, September 5, 2017

08:00-08:45	Pulmonary Hypertensive Disorders: Conventional Treatment Modalities for Unconventional Patients	J. Aschner
08:45-09:15	Stem Cell Therapies: A New Frontier	B. Thebaud
09:15-10:00	Prenatal and Postnatal Genetic and Genomic Testing	B. Korf
10:00-10:30	<i>Break</i>	
10:30-12:00	Non-invasive ventilatory support using pressure: CPAP/NIPPV/HHHFNC	R. Polin/H. Kirpalani/P. Davis
12:00-12:45	Chorioamnionitis (or "Triple I") and its Morbidities	R. Polin
12:45-02:00	<i>Lunch</i>	
<b>02:00-06:00</b>	<b>BREAKOUT SESSIONS:</b> Two sessions will occur in parallel twice in the afternoon from 02:00-04:00 and 04:00-06:00. These will be designed to stimulate discussion between the speakers and participants and will be case based.	
Session 1:	Resuscitation and Stabilization	M. Vento, P. Davis, H. Kirpalani, others
Session 2:	Breakout Mechanical Ventilation Strategies: Basic and Advanced	M. Keszler, A. van Kaam, A. Jobe, R. Polin, others

**Subject to change.**



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## Wednesday, September 6, 2017

08:00-08:45	Early Onset Sepsis	R. Polin
08:45-09:30	NEC: An Update on Pathophysiology and Prevention/Surgical Issues	J. Neu, T. Jaksic
09:30-10:15	Early Parenteral and Enteral Nutrition in the Neonate	W. Hay
10:15-10:30	<i>Break</i>	
10:30-11:15	Diagnosing and Treating Acute Neonatal Seizures in the NICU	R. M. Cilio
11:15-12:00	Neuro-imaging in full-term infants with HIE	L. de Vries
12:00-12:45	Cardiovascular Physiology, Hemodynamic Support, Monitoring, and Mathematical Modeling: Development of individualized neonatology	I. Seri
12:45-02:00	<i>Lunch</i>	
<b>02:00-06:00</b>	<b>BREAKOUT SESSIONS:</b> Two sessions will occur in parallel twice in the afternoon from 02:00-04:00 and 04:00-06:00. These will be designed to stimulate discussion between the speakers and participants and will be case based.	
Session 3:	Nutritional Support for Low Birthweight and Surgical Neonates	W. Hay, H. van Goudoever, T. Jaksic, J. Neu, others
Session 4:	Neurologic Monitoring and Support	M.R. Cilio, L. de Vries, Ch. Dame

## Thursday, September 7, 2017

08:00-09:00	Ethics and Decision Making: General Principles (with 15 minute discussion)	E. Verhagen
09:00-09:30	Potential Impact of Environmental Exposures in the NICU on Child Health Outcomes	J. Aschner
09:30-10:00	How do we stop bleeding in the neonate	Ch. Dame
10:00-10:30	<i>Break</i>	
10:30-11:15	Acute Surgical Conditions: Recognition and Treatment	T. Jaksic
11:15--12:00	PDA the story continues but what have we learned?	R. Polin
12:00-12:30	Neonatal-onset genetic epilepsies: an opportunity for personalized treatment	M. R. Cilio
12:30-02:00	<i>Lunch</i>	
02:00-02:45	Neonatology --- How we do studies now and how will they be done in the Future?	H. Kirpalani
02:45-03:15	Oxygen Targeting	A. van Kaam
03:15-04:30	Neonatology: Priorities for the Future: Several Faculty will describe their ideas in a Panel Forum (a few minutes each) and Audience will participate. This will include controversies such as PDA treatment, use of early antibiotics, use of genetic testing, microbiome, etc.	
04:30-05:00	<i>Summary and Adjourn</i>	

**Subject to change.**