

IPOKRATES Clinical Seminar

Neonatal pulmonary critical care: State-of-the-art in respiratory assistance, delivery room care, prevention and treatment of chronic lung disease.

Main Auditorium, KK Women's and Children's Hospital, 100 Bukit Timah Road, Singapore 229899
August 6 - 8, 2012

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 approach to neonatal respiratory assistance from its theoretical and physiological basis to clinical patient management. Demonstrations will be done with respirators and other devices.

Lecturers

Peter G Davis MD The Royal Women's Hospital, University of Melbourne, Melbourne, Australia
Alan Jobe MD University of Cincinnati, Cincinnati, Ohio, USA
Martin Keszler MD Brown University, Providence, RI, USA
Maximo Vento MD Hospital „La Fé“, Valencia, Spain

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

Program Design Martin Keszler; MD

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.

Major Sponsors Dräger, Elsevier, Nestlé Nutrition Institute, Heinen + Löwenstein

Local Sponsors

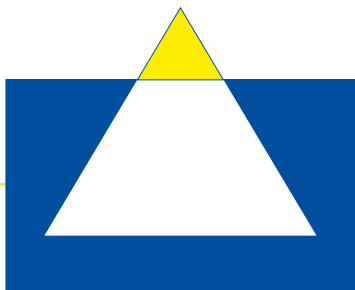
Local Organizer **Victor Samuel Rajadurai, MD, MRCP**
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**Information/
Registration** **IPOKRATES Head Office c/o m:con – mannheim:congress GmbH**
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Travel VISA required, each participant is responsible for his/her VISA, and IPOKRATES assumes NO liability

Participation Fees

	before April 30, 2012	after May 1, 2012
Participation Fees for UK, EU, Gulf States, Australia, NZ, Japan, Brunei, China, Korea, Taiwan & Singapore:	€ 300.-	€ 350.-
Participants from other countries:	€ 200.-	€ 250.-



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Monday, August 6, 2012

8.30 Welcome and introductory remarks Rajadurai VS, Keszler M

LUNG DEVELOPMENT AND PATHOPHYSIOLOGY

09.00 Essentials of pulmonary physiology and lung mechanics Keszler M

10.00 Normal and abnormal lung development, effects of preterm birth Vento M

11.00 *Break*

11.30 Principles of gas exchange: CO₂ elimination, oxygenation, tissue oxygen delivery Keszler M

12.30 *Lunch*

RESUSCITATION/DELIVERY ROOM MANAGEMENT

13.30 Assessment of newborn infants and delivery room interventions Davis PG

14.30 Oxygen or Room Air for neonatal resuscitation? Vento M

15.30 *Break*

16.00 Surfactant administration: current concepts Jobe A

17.00 Roundtable Discussion All Faculty

17.30 *End*

Tuesday, August 7, 2012

TECHNIQUES OF RESPIRATORY SUPPORT

08.30 Why CPAP works in VLBW infants Jobe A

9.30 Modern mechanical ventilation: Overview of basic modes and techniques Keszler M

10.30 *Break*

11.00 Non-invasive respiratory support: CPAP and NIPPV Davis PG

12.00 *Lunch*

13:00 Volume-targeted ventilation: New paradigm in neonatal ventilation Keszler M

14.00 Optimizing weaning and extubation Davis PG

15.00 *Break*

15.30 High-frequency ventilation Keszler M

16.30 Roundtable Discussion All Faculty

17.00 *End*

Wednesday, August 8, 2012

TREATMENT OF SPECIFIC DISORDERS

8.30 Perinatal asphyxia: pathophysiology and therapeutic interventions Davis PG

09.30 The new BPD: Its Definition, Pathophysiology and Management Jobe A

10.30 *Break*

11.00 Apnea of Prematurity: current understanding and treatment Davis PG

12.00 *Lunch*

13.00 Antenatal and postnatal steroids: A view from 2012 Jobe A

14.00 Prevention of chronic lung disease: Are there effective interventions? Vento M

15.00 Closing Remarks Keszler M

15.15 *End*