



I P O K R a T E S

Clinical Seminar

Pulmonary care of the newborn infant from birth to discharge

Resuscitation, treatment of asphyxia with induced hypothermia, respiratory disorders, modes of ventilatory support and comprehensive pulmonary care

OBJECTIVES

IPOKRATES seminars provide high-quality postgraduate education that enable 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.

LECTURERS

Badredin M	Alexandria University, Alexandria, Egypt
Durand DJ	Children's Hospital Oakland, Oakland, California, USA
Keszler M	Georgetown University, Georgetown, USA
Simbruner G	Medical University Innsbruck, Innsbruck, Austria

DATE

May 28 - 30, 2010; starts at 08:30 a.m.

PLACE

Hotel AZUR, Corniche road, Stanly, Roushdi, Alexandria, Egypt

LIMITED NUMBER OF PARTICIPANTS: 75

Please note: Only registered participants, NO on site registration !
Please register via internet: <http://www.ipokrates.info>

PROGRAM DESIGN

Keszler M, Georgetown University, USA; Simbruner G, Med. University Innsbruck, Austria

TARGET GROUPS

Physicians and other health care professionals from academic and non-university hospitals with interest in resuscitation, treatment of perinatal asphyxia, mechanical ventilation and other forms of respiratory support. This includes Neonatologists, Pediatricians, Intensivists, Anesthesiologists and others.

MAJOR SPONSORS

Dräger, Elsevier, Heinen + Löwenstein, Nestlé Nutrition Institute

LOCAL SPONSORS

LOCAL ORGANIZER

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INFORMATION/REGISTRATION

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PARTICIPATION FEES

Single person	before March 31, 2010	€ 150.-
	after April 1, 2010	€ 200.-

Dräger



Pulmonary care of the newborn infant from birth to discharge

Hotel AZUR, Alexandria, Egypt

May 28 - 30, 2010

PROGRAM

FRIDAY, MAY 28, 2010

08:30	Welcome and introductory remarks	Badredin M, Keszler M
ESSENTIALS OF RESPIRATORY PHYSIOLOGY		
09:00	Pulmonary physiology and lung mechanics: dissipative and non-dissipative forces	Simbruner G
10:00	Principles of gas exchange: CO ₂ elimination, target PCO ₂ , permissive hypercapnia	Keszler M
11:00	<i>Break</i>	
11:30	Principles of gas exchange: oxygenation, tissue oxygen delivery, oxygen saturation targets	Keszler M
12:30	<i>Lunch time</i>	
RESUSCITATION / DELIVERY ROOM MANAGEMENT / ASPHYXIA		
14:00	Asphyxia of the newborn infant: pathophysiology, clinical correlates and therapeutic interventions	Simbruner G
14:45	Delivery room stabilization: the golden first hour	Keszler M
15:30	<i>Break</i>	
16:00	Induced hypothermia: an overview	Simbruner G
16:45	Panel discussion / workshops	
17:15	<i>End</i>	

SATURDAY, MAY 29, 2010

NON-INVASIVE AND MECHANICAL VENTILATION		
08:30	Non-invasive ventilation	Keszler M
09:30	Modern mechanical ventilation: overview of basic modes and techniques	Keszler M
10:30	<i>Break</i>	
11:00	Current status of HFV: Available modes, indications, review of clinical trials	Durand D
12:00	Optimizing weaning and extubation	Keszler M
12:30	<i>Lunch time</i>	
14:00	Lung inhomogeneities: electrical impedance segmentography and regional ventilation	Simbruner G
14:45	Lung-protective strategies of mechanical ventilation	Keszler M
15:30	<i>Break</i>	
16:00	Interactive session: quiz on hypothermia with multiple choice answers	Simbruner G
17:00	Panel discussion / workshops	
17:30	<i>End</i>	

SUNDAY, MAY 30, 2010

08:30	Normal and abnormal lung development, effects of preterm birth	Durand D
09:15	Volume-targeted ventilation: new paradigm in neonatal ventilation	Keszler M
10:00	<i>Break</i>	
TREATMENT OF SPECIFIC DISORDERS		
10:30	Practical aspects of induced hypothermia	Simbruner G
11:15	Treatment of PPHN – state of the art in the 21 st century	Durand D
12:00	<i>Lunch time</i>	
13:30	Cooling plus – a neuroprotective strategy in developing countries	Badredin M
14:15	Clinical management of BPD: respiratory support, nutrition, pharmacotherapy	Durand D
15:00	Inhaled nitric oxide therapy in term and preterm infants	Keszler M
15:45	Closing remarks	Badredin M, Simbruner G
16:00	<i>End</i>	