



# IPOKRATES

## Clinical Seminar

### Cardiovascular Intensive Care in Neonates and Children

#### OBJECTIVES

Like other IPOKRATES courses, this seminar is designed to encourage dialogue and stimulate discussion among the participants and faculty. Multiple panel discussions have been scheduled throughout the course to provide an opportunity for questions and interchange. Participants are encouraged to prepare interesting cases to present during panel discussions.

Case presentations should take no more than 2-3 minutes to present, and should be prepared as Powerpoint presentation using no more than 4 slides. Please e-mail case presentations to the IPOKRATES office by October 15, 2009 (ipokrates@mcon-mannheim.de).

#### LECTURERS

Allen M	The Royal Brompton Hospital, London, UK
Elliott M	Great Ormond Street Hospital, London, UK
Nelson D	Texas Children's Hospital, Houston, TX, USA
Penny D	Royal Children's Hospital, Melbourne, Australia
Wernovsky G	Children's Hospital of Philadelphia, Philadelphia, PA, USA

#### DATE

October 29 - 31, 2009; starts at 08:00 a.m.

#### PLACE

Warsaw, Poland • The Main Conference Room, The Children's Memorial Health Institute, Dzieci Polskich Avenue No 20

LIMITED NUMBER OF PARTICIPANTS: 70

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

#### PROGRAM DESIGN

Nelson D, Houston, TX, USA

#### TARGET GROUPS

Affiliates of university and non-universitarian hospitals in pediatrics, pediatric cardiology, pediatric cardiac surgery and related fields

#### MAJOR SPONSORS

Dräger, Elsevier, Heinen + Löwenstein, Nestlé Nutrition Institute

#### LOCAL SPONSORS

Maquet, Dutchmed, Philips

#### LOCAL ORGANIZER

IPOKRATES Poland • Doc. dr hab. n. med. Janusz Swietlinski  
Head of Department of Anesthesiology and Intensive Care  
The Children's Memorial Health Institute  
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Phone +48 (0)22 815 1335 • Fax +48 (0)22 815 1327 • e-mail: swietlinski\_j@interia.pl

#### INFORMATION/REGISTRATION

**IPOKRATES Head Office** c/o m:con – mannheim:congress GmbH  
Rosengartenplatz 2 • 68161 Mannheim / Germany  
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

Registration	before	July 31, 2009	€ 300.-
	after	August 1, 2009	€ 350.-



# Cardiovascular Intensive Care in Neonates and Children

Warsaw, Poland  
October 29 - 31, 2009, starts at 08:00 a.m.

## PROGRAM

THURSDAY, OCTOBER 29, 2009

### Lesion specific Cardiac Intensive Care

#### Introduction to Lesion-specific Cardiac Intensive Care

- 08:00 Physiology of Congenital Heart Disease: Non-conventional Circulations Nelson D  
08:40 Risk Scores and Lesion Specific Cardiac Intensive Care: Elliott M  
Do Risk Scores Predict ICU Course?  
09:20 Importance of Pattern Recognition early after Surgery for Wernovsky G  
Complex Congenital Heart Disease

10:00 *Break*

#### Peri-operative Care of Children after Uncomplicated Biventricular Repair (RACHS category 1-3)

- 10:30 Expected Course after Uncomplicated Biventricular Repair: Elliott M  
Keeping Cardiac Cases out of the ICU  
11:00 "Cognitive Dissonance" and Subconscious Barriers to Improving Care Wernovsky G  
for Children with Congenital Heart Disease  
11:30 **PANEL DISCUSSION (all speakers)**  
• How is fast-tracking accomplished at my Institution?

12:00 *Lunch time*

#### Peri-operative Care of Children after Complex Biventricular Repair (RACHS category 4-5)

- 13:30 Expected Course and Potential Complications after Complex Biventricular Repair Penny D  
14:00 Expected Course and Potential Complications after Neonatal TAPVR Repair Allen M

14:30 *Break*

#### Lesion Specific Cardiac Intensive Care: Improving Outcomes

- 15:00 Dealing with the Long Stay Patient in the ICU: Patient, Organizational and Family Factors Elliott M  
15:30 Team Building in the CICU: Lesson from the trenches Wernovsky G  
16:30 **PANEL DISCUSSION (all speakers)**  
• Case Presentations and Questions from the Audience  
• What Process is used to improve Outcomes at your Institution?  
• Case Presentations from the Audience

FRIDAY, OCTOBER 30, 2009

### Lesion specific Cardiac Intensive Care

#### Peri-operative Care of Children with a Single Ventricle Heart

- 08:00 Pre- and Post-operative Management of Single Ventricle Lesions Penny D  
08:30 Factors that prolong the Post-operative Course after Single Ventricle Palliation: Elliott M  
Preventing Slow Recovery; Things you can do or avoid  
09:00 Reducing Interstage Mortality in the Infant with Single Ventricle Physiology Nelson D  
09:30 *Break*  
10:00 Management of Infants and Children with Unrepaired or Palliated Congenital Heart Disease Allen M  
after Non-cardiac Surgery  
10:30 Postoperative Management after Bidirectional Glenn and Fontan Palliation Penny D  
11:00 **PANEL DISCUSSION (all speakers)**  
• Case Presentations and Questions from the Audience  
• How is the Single Ventricle Patient managed at my Institution?  
• What is being done to reduce Interstage Mortality at my Institution?

12:00 *Lunch time*

## Neurodevelopmental Outcomes in Children with Congenital Heart Disease (CHD)

- 13:30 Neurodevelopmental Outcomes in Children with Congenital Heart Disease: Overview of the Problem Wernovsky G
- 14:00 Etiologies of Neurologic Injury in Children with Congenital Heart Disease. Modifiable and Non-modifiable Factors Wernovsky G
- 14:30 Neuroprotective Strategies for Congenital Heart Surgery Patients Nelson D
- 15:00 *Break*
- 15:30 **Pro-Con Debate:** Deep Hypothermic Circulatory Arrest should be avoided whenever possible  
Pro: Wernovsky G  
Con: Elliott M
- 16:00 **Pro-Con Debate:** Cerebral Near-infrared Spectroscopy Monitoring should be the Standard of Care after Complex Congenital Heart Surgery  
Pro: Nelson D  
Con: Penny D
- 16:30 **PANEL DISCUSSION (all speakers)**
- Neuroprotective Strategies for Congenital Heart Surgery Patients: What can be done to minimize Brain Injury and optimize Outcomes?
  - Neuroprotective Strategies for Congenital Heart Surgery Patients: What should we be monitoring?
  - How is Neurodevelopmental follow-up done at your Institution?

## SATURDAY, OCTOBER 31, 2009

### Management of Low Cardiac Output States in Cardiac Intensive Care

#### Molecular Foundations of Contractile Dysfunction in Infants and Children

- 08:00 Molecular Mechanisms of Congenital and Acquired Cardiomyopathy Nelson D
- 08:30 Polymorphisms that Modulate Cardiovascular Injury and Function Allen M
- 09:00 Management of Low Cardiac Output Syndrome (LCOS) after Congenital Heart Surgery: Overview of Conventional and New Inotropic Agents\* Penny D

09:30 *Break*

#### Management of Contractile Dysfunction after Congenital Heart Surgery

- 10:00 Endocrine Dysfunction as a Potential Etiology for LCOS Nelson D
- 10:30 Prevention of LCOS after Congenital Heart Surgery Allen M
- 11:00 Diagnosis of Low Cardiac Output Syndrome (LCOS) after Congenital Heart Surgery: Future Directions in Monitoring Nelson D
- 11:30 **PANEL DISCUSSION (all speakers)**
- LCOS Case Presentations and Questions from Audience
  - Diagnosis and Assessment of Low Cardiac Output States in Children: What should we be monitoring?

12:30 *Lunch time*

#### Management of Contractile Dysfunction in Children with Acquired Heart Disease

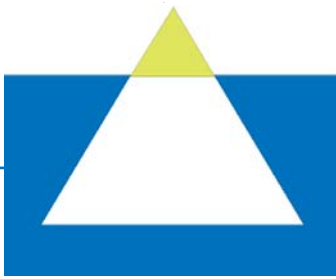
- 14:00 Management of Acute Decompensated Heart Failure (ADHF) in Children Nelson D
- 14:30 Overview and Indications for Mechanical Circulatory Support in Infants and Children Penny D

15:00 *Break*

#### Mechanical Circulatory Support for Pediatric Heart Failure

- 15:30 Complications of Mechanical Circulatory Support in Infants and Children Elliott M
- 16:00 Anticoagulation for Mechanical Circulatory Support Nelson D
- 16:30 **PANEL DISCUSSION (all speakers)**
- Case Presentations and Questions from the Audience
  - What are the Indications for Circulatory Support at my Institution?
  - What are the most Frequent Complications of Mechanical Circulatory Support at my Institution?

\* Case presentations will be included as examples



# IPOKRATES

## Registration Form

### IPOKRATES International Head Office

Please fax to: Fax +49 (0)621 4106-80134

Please mail to: IPOKRATES International Head Office • Rosengartenplatz 2 • 68161 Mannheim/Germany

### MY PERSONAL COMMUNICATION DATA ARE

Family Name	First Name
Hospital / Dept.	Street or P.O. Box
City & postal code	Country
Phone	Fax
E-Mail	

### I HEREWITH REGISTER AT IPOKRATES INTERNATIONAL

For the Seminar	Place
Date	Participation fee - EURO -
If indicated under PARTICIPATION FEE: Two persons ("Twin participation") - EURO -	
Family Name of the second participant	First Name

VISA-CARD

Total amount due \_\_\_\_\_ EURO

MASTER-CARD / EURO-CARD

Credit card No.

Expiration date

Date, Signature \_\_\_\_\_

month

year

**If participation is sponsored, we need a letter of the sponsor company and the participant's name as well as the invoice number on the bank transfer.**

According to European bank regulations, cheques or bank transfers incur bank charges which have to be paid by the participants. We encourage foreign participants to use credit cards. If you are not paying by credit card, we must receive the tuition fee at the latest 3 weeks after registration, otherwise we have to cancel the registration. Please add the name of the participant and the invoice number on each bank transfer!

(City)

RECOMMENDED BY: (Name)