The Fifth International Symposium on Pediatric Cardiac Intensive Care

December 1–4, 2004
Four Seasons Hotel
Miami, Florida, USA

with Pre-Symposium Pediatric Cardiac Anesthesia Conference, Cardiac Intensive Care Workshop, and Post-Symposium PCICS Director’s Meeting

Presented by
Texas Children’s Heart Center, Texas Children’s Hospital, Baylor College of Medicine, Department of Pediatrics, and The Pediatric Cardiac Intensive Care Society (PCICS)
OVERVIEW
This is the fifth symposium in the successful series of international symposia on pediatric cardiac intensive care. The faculty is comprised of world-renowned experts in the subspecialties of pediatric cardiology, pediatric cardiac surgery, pediatric cardiac anesthesiology, pediatric intensive care, neonatology, adult cardiology, cardiac pharmacology, and pediatric cardiac nursing. Based on evaluations from participants in the fourth symposium, the following topics will be addressed: short-term and long-term cardiopulmonary support; appropriate use of vasopressin, natriuretic peptide and other medications; new strategies for hypoplastic left heart syndrome; new advances in neurologic monitoring; new strategies for catecholamine-resistant hypotension and for ARDS; and new potential roles for nitric oxide.

TARGET AUDIENCE
The symposium is designed for physicians, nurses, and other healthcare professionals who care for neonates, children, and adults with heart disease in the intensive care setting.

OBJECTIVES
At the conclusion of the course, the participant should be able to:
• Determine acute- and long-term support strategies in failed myocardium
• Evaluate efficacy of drugs such as vasopressin and natriuretic peptide in cardiac ICU
• Assess new interventional strategies for hypoplastic left heart syndrome
• Discuss neurologic monitoring and protection in neonatal cardiac surgery
• Determine treatment for catecholamine-resistant hypotension
• Formulate strategy for ARDS in children with cardiac disease
• Discuss the role of nitric oxide in cardiac intensive care

EDUCATIONAL METHODS
• Lectures • Panel Discussions • Problem Patient Presentations • Meet-the-Expert Sessions • Open Forums • Syllabus

EVALUATION
Evaluation by questionnaire will address program content, presentation, and possible bias.

ACCREDITATION/CREDIT DESIGNATION
Baylor College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Baylor College of Medicine designates this educational activity for a maximum of 19.75 category 1 credits toward the AMA Physician’s Recognition Award. Each physician should claim only those credits that he/she actually spent in the activity.

The American Medical Association has determined that physicians not licensed in the US who participate in this CME activity are eligible for AMA PRA category 1 credit.

NURSING CREDIT
This program has been approved for 28.5 Contact Hours, CERP Category A by AACN, file number 00012223.
**Pre-Symposium Activities**

**Wednesday Dec. 1, 2004**

- **Pediatric Cardiac Anesthesia Conference**
  This special pre-symposium conference focuses on pediatric cardiac anesthesia and current issues.

- **Pediatric Cardiac Intensive Care Workshop**
  This workshop is open to all symposium attendees and includes sessions on special topics such as cardiac anatomy, cardiopulmonary physiology, advances in surgery, arrhythmia management, and ventilation strategies.

**Symposium Program**

**Thursday, Dec. 2, through Saturday, Dec. 4, 2004**

The symposium features highly interactive discussions on common issues and controversies in pediatric cardiac intensive care. It includes the following:

- **Mini-Symposia** There will be six mini-symposia during the symposium addressing such topics as mechanical cardiopulmonary support, pharmacologic agents, nitric oxide, intraoperative neurological monitoring, cardiopulmonary resuscitation, and long-term outcome after cardiac surgery.

- **RN Mini-Conference** There will be special RN mini-conferences on Thursday, Dec. 2, to Friday, Dec. 3, dedicated to nursing issues in the cardiac intensive care setting, including low birthweight neonates with heart disease, preoperative stabilization, single ventricle physiology, and the psychosocial aspects of care.

**Post-Symposium Activities**

**PCICS Director’s Meeting**

**Saturday, Dec. 4, 2004**

This meeting will discuss important issues such as training requirements, database management, billing/collections, as well as other relevant topics.

**Abstracts**

There will be opportunities for participants to present oral or poster abstracts. The review committee will select three abstracts for oral presentation, while other qualified abstracts will be presented as posters during poster sessions. There will be “professional walk rounds” to discuss posters. All accepted abstracts will be published.

**The abstract submission deadline is November 1, 2004.**

Visit www.PCICsymposium.org for further information and submission forms.

**Social Events**

**Gateway to the Caribbean Welcome Reception**

**Conference Dinner**

**Faculty Dinner**

**PCICS Director’s Lunch and Meeting**

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PROGRAM

WEDNESDAY, December 1, 2004

Pediatric Cardiac Anesthesia Conference

730–800  Registration and Breakfast

800–915  Scientific Session I
Welcome
Dean B. Andropoulos, MD
Heart and Lung Transplantation Update
Susan C. Nicolson, MD
Anesthetic Care of the Adult for Congenital Heart Surgery
Stephen A. Stayer, MD
Bleeding and Coagulation Issues
Bruce E. Miller, MD

915–930  Break

930–1045  Scientific Session II
Anesthesia for Stage I Norwood Palliation
George M. Hoffman, MD
Anesthesia for Cavopulmonary Connections
Peter C. Laussen, MB,BS
Anesthesia for Noncardiac Surgery and MRI
Laura Diaz, MD
Update on Cardiopulmonary Bypass
Dean B. Andropoulos, MD

1045–1100  Break

1100–1145  Pro/Con Debate
Routine Neurologic Monitoring
Pro: Chandra Ramamoorthy, MD, MB,BS
Con: Susan C. Nicolson, MD

1145–1300  Lunch (on your own)

Pediatric Cardiac Intensive Care Workshop
Antonio R. Mott, MD, and Stephen A. Stayer, MD

1300–1500  Modes of Mechanical Ventilation
Alan I. Fields, MD, and Stephen A. Stayer, MD
Cardiac Anatomy Primer
Debra L. Kearney, MD
Essential Cardiopulmonary Physiology
Antonio R. Mott, MD, and Therese M. Giglia, MD
Interventional Catheterization and Devices
Ronald G. Grifka, MD, and David Nykanen, MD
Update on Mechanical Support and Cardiac Surgery
Thomas R. Karl, MD, and Jeffrey P. Jacobs, MD

1500–1700  Transesophageal Echocardiography
Wanda C. Miller-Hance, MD, and Benjamin W. Eidem, MD
Vascular Access and Issues
Dean B. Andropoulos, MD, and Glenn Seidel, MD
Update on Cardiac Pharmacology
Brady Moffett, PharmD, and Daniel J. Penny, MD
Regional Anesthesia and Postanesthesia Care
Gregory B. Hammer, MD, and Laura Diaz, MD
Cardiac Dysrhythmias and Pacing
Richard A. Friedman, MD, MBA, and Timothy F. Feltos, MD

1900–2100  Gateway to the Caribbean Welcome Reception
**THURSDAY, December 2, 2004**

**730–800**  
**Registration and Breakfast**

**800–845**  
**Special Session: Welcome**  
Anthony C. Chang, MD, MBA  
Welcome and Introduction  
Anthony C. Chang, MD, MBA  
Multidisciplinary Integration  
Dean B. Andropoulos, MD  
The Surgeon’s Perspective  
Charles D. Fraser, Jr, MD

**845–900**  
**Break**

**900–1000**  
**Mini-Symposium IA**  
Update on Mechanical Cardiopulmonary Support  
Roger B.B. Mee, MB, Ch.B (Moderator)  
Management of Low Cardiac Output Syndrome  
Steven M. Schwartz, MD  
Update on Ventricular Assist Devices in the ICU Setting  
Thomas R. Karl, MD  
Future Pediatric Ventricular Assist Devices  
Charles D. Fraser, Jr, MD

**Mini-Symposium IB**  
New Cardiac Pharmacological Agents  
Randall C. Wetzel, MB,BS (Moderator)  
Natriuretic Peptides in Intensive Care  
Jeffrey A. Towbin, MD  
Update on Phosphodiesterase Inhibitors  
Gil Wernovsky, MD  
New Cardiac Pharmacological Agents  
Daniel J. Penny, MD

**1000–1015**  
**Break**

**1015–1115**  
**Discussion Session IA:** What is the Best Strategy for Hypoplastic Left Heart Syndrome?  
Edward L. Bove, MD, and faculty  
**Discussion Session IB:** What is the Best Pulmonary Vasodilator in the ICU?  
Duncan Macrae, MD, and faculty

**1115–1130**  
**Break**

**1130–1215**  
**Open Forum:** Our Interaction with the Parents and the Children  
Antonio R. Mott, MD, and faculty

**1215–1400**  
**Lunch**

**1400–1445**  
**Meet-the-Expert Session IA:**  
Catecholamine-Resistant Hypotension  
Desmond Bohn, MB,BCh, and faculty  
**Meet-the-Expert Session IB:** Acute Respiratory Distress Syndrome in Cardiac Patients  
Stephen A. Stayer, MD, and faculty

**1445–1500**  
**Break**

**1500–1545**  
**Challenging Case Discussions IA**  
Anthony C. Chang, MD, MBA, and faculty  
**Challenging Case Discussions IB**  
Peter C. Laussen, MB,BS, and faculty

**1400–1545**  
**RN Mini-Conference I:**  
Neonatal Cardiac Intensive Care  
The Low Birthweight Neonate  
Tammy Pyron, BSN, RN  
Preoperative Stabilization  
Carol Okuhara, RN, MN, FNP  
Single Ventricle Physiology  
Jo Ann Nieves, MSN, ARNP, CPN, APRN-BC

**1545–1600**  
**Break**

**1600–1700**  
**Poster Session I**  
Dean B. Andropoulos, MD, and faculty

**1900–2100**  
**Conference Dinner for Attendees and Faculty**
FRIDAY, December 3, 2004

730–800  Registration and Breakfast

800–845  Special Session: A Twenty Year Retrospective
  Anthony C. Chang, MD, MBA
  Cardiac Intensive Care—The Early Years and Later
  David L. Wessel, MD
  Pediatric Cardiac Intensive Care—The Controversy
  Randall C. Wetzel, MB,BS
  Cardiac Intensive Care—Current Status and Future Challenges
  Anthony C. Chang, MD, MBA

845–900  Break

900–1000  Mini-Symposium IIA
  Nitric Oxide and the Intensive Care Setting
  David L. Wessel, MD (Moderator)
  Recent Experience of Nitric Oxide in Postoperative Care
  Duncan Macrae, MD
  Investigations with Nitric Oxide
  Paul A. Checchia, MD
  Nitric Oxide and the Cardiovascular System
  Stephen J. Roth, MD, MPH

1015–1115  Discussion Session IIA: What is the Ideal Inotropic Agent in Cardiac Intensive Care?
  Daniel J. Penny, MD, and faculty

1115–1130  Break

1130–1215  Open Forum: Current Issues in Pediatric Cardiac Intensive Care
  Anthony C. Chang, MD, MBA, and faculty

1215–1400  Lunch

1400–1445  Meet-the-Expert Session IIA:
  Manipulation of Single Ventricle Physiology
  George M. Hoffman, MD, and faculty

1445–1500  Break

1500–1545  Meet-the-Expert Session IIB:
  Postoperative Management of Cavopulmonary Anastomosis
  Gil Wernovsky, MD, and faculty

1545–1600  Break

1900–2100  Faculty Dinner
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Faculty, topics, program schedule, and credit are subject to change.

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GUEST FACULTY

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Stephen A. Stayer, MD

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FEES, REGISTRATION & CONFIRMATION INFORMATION

Refer to the registration form for the fee schedule. Your registration will not be processed until payment is received. Your registration will be confirmed. If you have not received confirmation by November 22, please email info@PCICsymposium.org or contact Global Meeting Solutions immediately.

If you plan to register on-site, contact Global Meeting Solutions at least 24 hours in advance to confirm activity status and space availability. Global Meeting Solutions reserves the right to limit the number of participants in an activity and will not be responsible for any expenses incurred by an individual whose registration is not confirmed and for whom space is not available.

The symposium fee includes admittance to all symposium sessions December 2–4; all continental breakfasts, breaks and lunches; the welcome reception on December 1; and the symposium dinner on December 2.

CANCELLATION/REFUND POLICY

Requests for registration refunds must be in writing and received by Global Meeting Solutions at least 10 business days before the activity begins. Requests received after the refund deadline will not be processed. Cancellations are subject to a $75 administrative fee deducted from the registration fee paid to cover guarantees and other expenses. Requests should be mailed to Global Meeting Solutions or faxed to (281) 444-6732.

The organizers reserve the right to cancel activities, not less than 10 business days before the scheduled date, if extenuating circumstances make it necessary. Registrants will be notified at the contact number indicated on the registration form followed by written notification. If an activity is cancelled, the organizers’ liability is limited to the registration fee paid.

CALL FOR ABSTRACTS

Abstract receipt deadline for all submissions (paper, disk or electronic): November 1, 2004

Please visit our website at www.PCICsymposium.org for further information and submission forms.
CONFERENCE LOCATION & ACCOMMODATIONS

ACCOMMODATIONS
Accommodations should be arranged with the Four Seasons Hotel either by contacting the hotel directly (see below) or via email at mia.reservations@fourseasons.com prior to November 5, 2004; reservations made after that date are subject to availability. Please identify yourself with the PCIC Symposium when making reservations in order to benefit from the special group rate of $205.00 per night (single/double). Please make hotel reservations early—a limited number of rooms are blocked for the symposium.

Hotel commission will apply to offset conference expenses.

MIAMI
Often described as the “Gateway to Latin America”, Miami is an intriguing blend of American, Latin American and Caribbean cultures. The flamboyant city’s glamour is supported by a dynamic nightlife, a thriving arts scene and glittering skylines. Miles of dazzling white beaches, a subtropical climate and a vast array of recreational activities add to its year-round allure.

HOTEL INFORMATION
The Fifth International Symposium on Pediatric Cardiac Intensive Care will be held at the glamorous Four Seasons Hotel in Miami, Florida. The Four Seasons Hotel is a sleek landmark that combines contemporary luxury with resort-style amenities, just a block from Biscayne Bay. For more information please visit www.fourseasons.com/miami

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Miami, FL 33131, USA

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Houston, Texas 77273

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Houston, TX 77273

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Country Zip/Postal code
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Phone (area code and phone number) Fax (area code and fax number)
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E-mail (for activity-related follow-up, e.g. outcomes assessment, notification of future CME activities)
________________________________________________________________________________

Specialty ______________________ Professional License Number/State ______________________

Guest Name ____________________________________________________________________________

Attending the Gateway to the Caribbean Welcome Reception on Wednesday, December 1 ❑ Guest ❑
Attending the Conference Dinner on Thursday, December 2 ❑ Guest ❑
❑ PCICS Member ($50 discount) ❑ SPCN Member ($50 discount)
Membership information: For PCICS, please visit www.pcics.com; For SPCN, please visit www.spcnonline.com

❑ Please indicate if you have any special dietary needs. ____________________________________________
Contact Global Meeting Solutions at (713) 942-9188 if you have any ADA accommodation needs.

Registration and Fees (please indicate)

Symposium (Dec. 2–4, 2004) Early Registration Late Registration

Physician ❑ $600 ❑ $700
Fellow/Resident* ❑ $300 ❑ $350
Other Healthcare Professional ❑ $300 ❑ $350
*Verification required

Pediatric Cardiac Anesthesia Conference (AM) (Dec. 1, 2004) ❑ $100 ❑ $125
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