

## Welcome to Cardiology 2007

By Gil Wernovsky, MD, RC

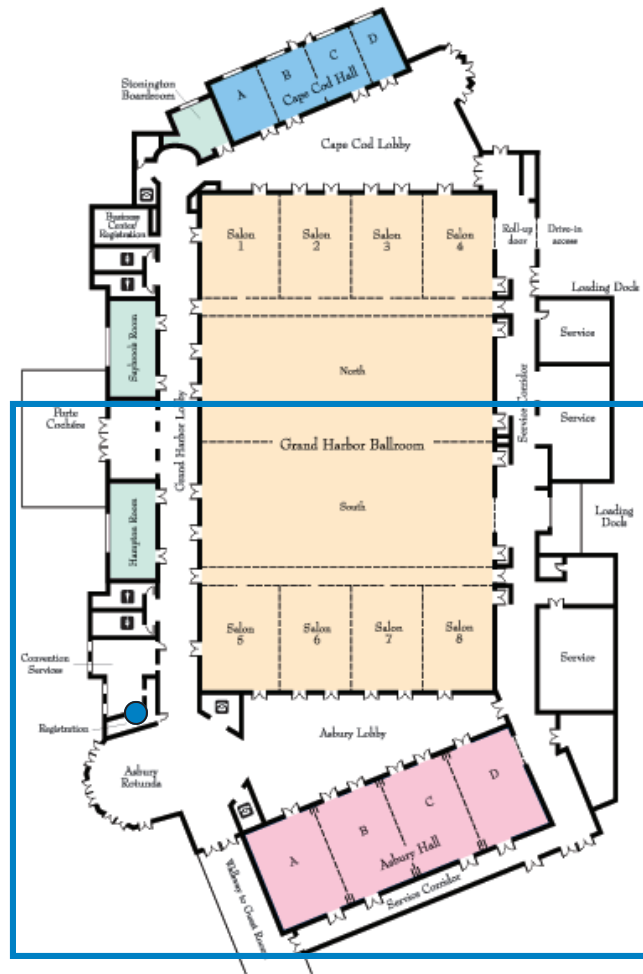


On behalf of the Organizing Committee and The Cardiac Center at The Children's Hospital of Philadelphia, welcome to Cardiology 2007: our 10th Annual Post Graduate

Course in Pediatric Cardiovascular Disease. Once again, we have planned an ambitious, comprehensive, multidisciplinary set of topics, presented by internationally renowned faculty. While there are many excellent meetings for sub-specialists in echocardiography, interventional catheterization, cardiac intensive care, cardiovascular nursing, cardiac anesthesia and surgery, we are most proud of bringing together ALL of those who care for children with heart disease to one location, to discuss issues common across disciplines, and to participate in smaller, discipline-specific breakout sessions.

As of the beginning of February, we were anticipating 750 attendees—55% of whom were physicians, 15% advanced practice nurses, 20% pediatric and intensive care nurses, and 10% allied health professionals, including perfusionists, pharmacists, respiratory therapists, physician assistants, sonographers and administrators. The attendee mix represents essentially all of the necessary aspects to care for children with cardiovascular disease, and their families.

It is a very exciting time for our field. Congenital heart disease was almost universally lethal 50 years ago; now, virtually every form of CHD is amenable to surgical or transcatheter intervention. Exceptional progress has been made in diagnostics, surgical therapy, intensive care, anesthesia and nursing – especially in the last 25 years since the introduction of prostaglandin, the availability of non-invasive diagnostic imaging with portable echocardiography and constant improvements in surgery and car-



Cardiology 2007 Meeting Room Floor Plan. © Disney

diopulmonary bypass. *Survival is now expected, and can no longer serve as the only measure of 'outcome.'* As we enter the next era of care, we must tackle a number of important issues: How can we define and disseminate "Best Practice Guidelines"? What is to become of the growing population of adults with CHD? How can we provide the safest care possible for our patients? How do we critically review the literature, and reports of new therapies? How should new innovative therapies be monitored? How can we improve the quality of life of our current and future patients?

One of our major goals of this particular meeting is for the participants to return to their individual practices with a greater understanding of the variability in care that exists in our field, with equally good results across centers despite very differing

management strategies. Keep an open mind to new ideas, question your institutional dogma, and above all, remain inquisitive, enthusiastic and slightly skeptical—all at the same time!

**New This Year:** We are trying a few new things this year, and would very much appreciate your feedback in the course evaluations. Tomorrow, on 2/22/07, one afternoon breakout session will be devoted to issues that confront physicians in training and junior staff: how to get a job, choose a mentor, get funding, negotiate salary and balancing work and real life. On Saturday, 2/24/07, we will have two large plenary sessions using a digital audience response system. In the morning, we will hold "The World's Biggest Surgical Conference" discussing common and complex CHD management, and at the end of the day, a multidisciplinary session examining practice variability. On 2/22/07 and 2/24/07, hands-on Sunrise Breakfast Sessions will be held from 7-8 AM. (See elsewhere for the details on tomorrow's sessions.) A special Nursing Research Symposium will be held on Saturday AM, 2/24/07, with practical advice and mentoring from the incredibly talented and accomplished nursing faculty, as well new nursing research presentations. Finally, 5 interesting Debates will be held throughout the meeting. [Also, don't miss Dr. Mike Brook starring as Alex Trebek hosting "Cardiology Jeopardy!" during lunch on Friday, 2/23/07!]

**Featured Lectures and New Research:** On Saturday, 2/24/07, we are very excited

#### MEETING AND CONVENTION FACILITIES:

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- = Cardiology 2007 Meeting area
- = Reception



#### WEDNESDAY PROGRAM AT A GLANCE

**4:00 p.m.—Opening Comments—Grand Harbor South**  
Gil Wernovsky, M.D.

**4:00–5:30 a.m. Important Issues and Challenges in the Field of Pediatric Cardiovascular Disease in 2007**

Moderator: Gil Wernovsky, MD

- **Cutting Wit**  
Martin Elliot, MD
- **Image is Everything ... Or Is It?**  
Girish S. Shirali, MBBS
- **Why (and What) Pediatric Cardiovascular Practitioners Should Know About Basic Science Research**  
Jonathan A. Epstein, MD
- **Cognitive Dissonance and Caring for Patients with CHD**  
Gil Wernovsky, MD

**5:30 p.m.—Light Reception -Visit Posters and Exhibits**

**6:15–8:30 p.m.—Opening Evening Plenary Session: State of the Art of Cardiac Resuscitation**

Moderator: Peter C. Laussen, MBBS

- **CPR Guidelines: Past, Present and Future**  
Mary Fran Hazinski, RN, MSN
- **Resuscitation Science: Future Directions**  
Vinay Nadkarni, MD
- **CPR in Neonates and Infants with Congenital Heart Disease. Does it Work? Are the Current Guidelines Relevant?**  
Sarah Tabbutt, MD, PhD
- **Enhancing Teamwork and Communication in a Cardiac Crisis via a Simulation Program**  
Ravi Thiagarajan, MBBS, MPH
- **Hypocapnea, Hypothermia and Normoglycemia: Should What has Been Learned about Neuroprotection Following CPR be Applied to Protect the Brain after Cardiac Surgery without Randomized Clinical Trials?**  
George M. Hoffman, MD
- **Debate of the Day—"Direct Cardiac Massage Should be Performed Through an Open Chest during CPR in a Postoperative Cardiac Surgical Patient:**  
*Pro:* James Tweddell, MD  
*Con:* Thomas L. Spray, MD

**8:30 p.m.—Adjourn**

See Cardiology 2007 program for details

#### Published by

**CONGENITAL CARDIOLOGY TODAY**  
9008 Copenhaver Drive, Ste. M  
Potomac, MD 20854 USA

[www.CongenitalCardiologyToday.com](http://www.CongenitalCardiologyToday.com)  
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**DAY 1 - FEBRUARY 21—WEDNESDAY**

to continue our named lectures in cardiovascular nursing (Dr. Martha Curley), cardiology (Dr. Philipp Bonhoeffer), cardiac surgery (Dr. Pedro del Nido) and introduce a Keynote Lecture in Cardiovascular Administration (Mr. Gavin Kerr). These sessions are always our most crowded, so please come early to get a good seat. In addition to the new research presented throughout the meeting, we received over 100 abstract submissions, 64 of which will be presented in two separate poster sessions. The top finalists for the 4th Outstanding Investigator Award will present their work during the featured research session on Friday, 2/23/07; the winner will be honored at 11:15 AM on Saturday, following the named lectures. Finalists include Dr. Kirstin Odegard (Children's Hospital, Boston), Dr. John Costello (Children's Hospital, Boston), and Dr. Jon Kaufman (The University of Colorado and Children's Hospital, Denver).

This year's **Plenary Sessions** include overviews of cardiopulmonary resuscitation (2/21/07), double outlet right ventricle (2/22/07), coronary artery disease (2/22/07), improving patient safety (2/23/07) and heterotaxy syndrome/isomerism (2/25/07). In addition, sub-specialty breakout sessions will be held throughout the meeting in echocardiography, nursing, perfusion, intensive care, administration and outpatient cardiology. A **Live Fetal Imaging** session will be held on 2/23/07.

Personally, I would like to thank the staff at Congenital Cardiology Today - Tony Carlson, Founder; Richard Koulbanis, Editor/Publisher and John W. Moore, MD, MPH, Medical Editor - for their annual support and helpful suggestions, as well as for arranging the "job board" that is on display in the physicians-in-training breakout and exhibit area. On behalf of all of us, I would like to thank the exhibitors for their time and financial support, without whom we would be unable to provide the quality of material at this meeting at a reasonable cost. Please take some time during the meeting to stop by and see what is on display.

Finally, a number of social events are planned for this year. Tonight, in between

the opening session and the CPR Plenary, will be a Poster Session and Light Reception. It will be a quick opportunity to meet former colleagues, catch up on gossip, and relax a bit before the final session of the evening. Tomorrow evening, in order to mingle with your colleagues in a similar discipline, smaller receptions are planned for nursing, staff cardiologists, physicians in training, administrators, and all who work in the operating room (anesthesiologists, surgeons, perfusionists) and intensive care units. On Friday evening will be our Gala Reception.

Thanks once again for coming to Cardiology 2007 and have a great meeting!

*Gil Wernovsky, MD, RC  
Course Director*

**Organizing Committee**

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*Chief, Division of Cardiothoracic Surgery  
Alice Langdon Warner Endowed Chair in Pediatric Cardiothoracic Surgery  
Professor of Surgery  
Executive Director, The Cardiac Center*

**Faces From Past Cardiology Symposiums**



FOR EARLY RISERS ON THURSDAY	
Thursday AM Hands On Sessions – 7:00-8:00	
Salon V	<b>Cardiac ECMO, CPB and CPT: A Collaborative Effort Between Surgeons, Cardiologists, Intensivists, Perfusionists, and ECMO Specialists</b> <i>Drs. Cooper, Ravishankar, Jacobs, Gruber and Harrington; Mr. Connelly, Mr. Parpard, Ms. Moore, Ms Owens and Ms. Griffin</i>
Asbury A	<b>Troubleshooting Permanent Pacemakers</b> <i>Drs. Tanel and Cohen</i>
Asbury B	<b>How to Use Near Infrared Spectroscopy: Practical Applications</b> <i>Drs. Hoffman, Tweddell, Andropoulos, Fraser, Atz and Ghanayem</i>
Asbury C	<b>How to Work an Automatic External Defibrillator</b> <i>Dr. Vetter and Ms. Moyer</i>
Asbury D	<b>How to Improve your Oral and Poster Presentations</b> (Bring your talk...for immediate feedback!) <i>Dr. Wernovsky and Mr. Elliott</i>

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**Accreditation Statement**

The Children's Hospital of Philadelphia is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians.

**Designation of Credit Statement**

The Children's Hospital of Philadelphia designates this educational activity for a maximum of 30.5 AMA PRA Category I credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

**Nursing Accreditation**

An application for PSNA contact hours will be submitted. The Children's Hospital of Philadelphia is approved as a provider of continuing education in nursing by the Pennsylvania State Nurses Association, which is accredited as an approver of continuing education in nursing by the American Nurses Credentialing Center's Commission on Accreditation.

**Perfusion Accreditation**

An application for CEU Category I credit hours will be submitted.



**Barth Syndrome Foundation**

**The Barth Syndrome Foundation**

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