Announces

The First International Conference on

HEART FAILURE IN CHILDREN AND YOUNG ADULTS:
FROM MOLECULAR MECHANISMS TO MEDICAL AND SURGICAL STRATEGIES

Presented by
Baylor College of Medicine
Department of Pediatrics and
Texas Children’s Hospital Heart Center
Houston, Texas

December 3rd–6th, 2003
InterContinental Hotel
Houston, Texas
The First International Conference on

HEART FAILURE IN CHILDREN
AND YOUNG ADULTS:
FROM MOLECULAR MECHANISMS
TO MEDICAL AND SURGICAL STRATEGIES

December 3rd–6th, 2003

InterContinental Hotel
2222 West Loop South
Houston, Texas  77027

Program Director: Anthony C. Chang, MD, MBA
Conference Co-Coordinators: Claudia Garnica, MBA; Tamara Greiner, MA

CONFERENCE OVERVIEW
Heart failure in children and young adults has become a special area of clinical focus for many practitioners. The care for these patients demands a multidisciplinary approach involving cardiologists, cardiac surgeons, intensivists, anesthesiologists, and personnel in perfusion, respiratory therapy, and cardiac and intensive care nursing. This activity will gather the world’s leading experts in pediatric and adult cardiology and cardiac surgery as well as cardiac anesthesiologists and healthcare professionals in the fields of intensive care, perfusion, and nursing.

The activity will cover state-of-the-art diagnostic and therapeutic modalities for children and young adults with heart failure. A special mini-symposium on mechanical support, as well as a pre-conference workshop (with hands-on demonstrations), are scheduled.

TARGET AUDIENCE
Pediatric and adult cardiologists and cardiac surgeons; pediatric intensivists and anesthesiologists; nurse anesthetists; perfusionists; respiratory therapists; pediatric cardiac and intensive care nurses

OBJECTIVES
At the conclusion of the activity, the participant should be able to:

• Explain basic science aspects of heart failure
• Discuss and compare validity of various methodologies for assessing heart failure
• Describe the failing myocardium in the young
• Outline medical therapies for heart failure in children and young adults
• Outline surgical therapies for heart failure in children and young adults
• Discuss future directions for heart failure in children
**EDUCATIONAL METHODS**
Lectures • Panel Discussions • Case Presentations • Demonstrations • Poster Presentations • 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 20.75 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.

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<th>Session</th>
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<tr>
<td>1300-1630</td>
<td><strong>Mechanical Cardiopulmonary Support in Children and Young Adults</strong></td>
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<tr>
<td></td>
<td>Anthony C. Chang, MD, MBA, Moderator</td>
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<td>Jeffrey S. Heinle, MD, Moderator</td>
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<td><strong>An Overview of Mechanical Support</strong></td>
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<td>Anthony C. Chang, MD, MBA</td>
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<td><strong>Short-term Support Devices</strong></td>
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<td>Pulsatile vs Non-pulsatile Support</td>
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<td>Akif Ündar, PhD</td>
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<td>The ECMO vs the VAD Circuit</td>
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<td>Jeffrey S. Heinle, MD</td>
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<td>Nursing Aspects of Care for Mechanical Support</td>
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<td>Rosita Maley, RN, MN</td>
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<td><strong>Hands-on Demonstration</strong></td>
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<td><strong>Long-term Support Devices</strong></td>
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<td>Long-term Pediatric Support — Texas Children’s Hospital Experience</td>
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<td>Richard Owens, CCP, LP</td>
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<td>Long-term Pediatric Support — Berlin Experience</td>
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<td>Matthias Loebe, MD, PhD</td>
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<td>Reynolds M. Delgado, III, MD</td>
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<td><strong>Hands-on Demonstration</strong></td>
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<td>1900-2100</td>
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THURSDAY, DECEMBER 4, 2003

700-800 Registration and Continental Breakfast

800-900 Special Session: Welcome ...........................Anthony C. Chang, MD, MBA, Moderator
Heart Failure in the Millennium ................................James T. Willerson, MD
Heart Failure in Children ........................................William J. Dreyer, MD

900-1015 Session IA: Basic Science of Heart Failure ....Neil E. Bowles, PhD, Moderator
Molecular Biology of Heart Failure ...........................Matteo Vatta, PhD
Receptor Physiology in Heart Failure .......................Dean B. Andropoulos, MD
Systolic and Diastolic Dysfunction .........................Andrew N. Redington, MB, BS
Objective Assessment of Myocardial Performance ..........Douglas L. Mann, MD

1015-1030 Break

1030-1200 Session IB: Diagnostic Methodologies in Heart Failure ....Charles E. Mullins, MD, Moderator
Echocardiography and Assessment of Heart Failure ..........Benjamin W. Eidem, MD
MRI Assessment of Heart Failure ............................Tal Geva, MD
Cardiac Catheterization and Heart Failure ...................Ronald G. Grifka, MD
Diagnosis of Heart Failure in the Fetus ......................James C. Huhta, MD

1200-1330 Lunch

1330-1530 Mechanical Cardiopulmonary Support Mini-Symposium (Part I)
Short-term Assist Devices: The Pediatric Experience in the Intensive Care Setting
Honorable Chair .....................................................Denton A. Cooley, MD
Moderators ..........................................................E. Dean McKenzie, MD; Anthony C. Chang, MD, MBA

Evolution of Cardiopulmonary Bypass for Children ........Denton A. Cooley, MD
Medical Management of Low Cardiac Output Syndrome ....David P. Nelson, MD
Perioperative Care of the Patient on Mechanical Support ....Anthony C. Chang, MD, MBA

Extracorporeal Membrane Oxygenation for Cardiac Patients ....J. William Gaynor, MD
Update on Ventricular Assist Devices for Pediatric Patients ....Thomas R. Karl, MD
Rapid Deployment of Assist Devices as Rescue Strategy ......Brian W. Duncan, MD

1530-1600 Break

1600-1700 Case Presentations .................................Anthony C. Chang, MD, MBA, and Faculty

Concurrent Session for Nurses ...............................Elizabeth C. Suddaby, RN, MSN; Rosita Maley, RN, MN
FRIDAY, DECEMBER 5, 2003

700-800  Continental Breakfast

800-900  Special Session: New Frontiers in Heart Failure  
          Anthony C. Chang, MD, MBA, Moderator  
          Molecular and Genetic Aspects of Heart Failure  
          Jeffrey A. Towbin, MD

900-1015 Session IIA: Medical Aspects of Heart Failure  
          Michael R. Nihill, MB,BS, Moderator  
          Update on Myocarditis in Children  
          Alan B. Lewis, MD  
          Current Aspects of Dilated Cardiomyopathy  
          Steven E. Lipshultz, MD  
          Update on Restrictive and Constrictive Cardiomyopathy  
          Susan W. Denfield, MD  
          Myocardial Failure in Sepsis  
          Brett P. Giroir, MD

1015-1030 Break

1030-1200 Session IIB: Surgical Aspects of Heart Failure  
          Charles D. Fraser, Jr, MD, Moderator  
          Heart Transplantation: Current State of the Art  
          Leonard L. Bailey, MD  
          Surgical Strategies for Failing Ventricles  
          Charles D. Fraser, Jr, MD  
          Tissue Replacement for Cardiac Surgeries  
          John E. Mayer, MD  
          Valve Replacement for Valvar Insufficiency  
          Jeffrey S. Heinle, MD

1200-1330 Lunch

1330-1530 Mechanical Cardiopulmonary Support Mini-Symposium (Part II)  
          Long-term Assist Devices: The Pediatric Experience and Future  
          Michael E. DeBakey, MD  
          George P. Noon, MD; O. Howard Frazier, MD  
          The Evolution of Implantable Assist Devices  
          Michael E. DeBakey, MD  
          Long-term Pediatric Devices  
          Branislav Radovancevic, MD  
          Perioperative Care in Device Placement  
          E. Dean McKenzie, MD  
          Long-term Devices in Infants  
          Roland Hetzer, MD  
          The Adult Experience in Implantable Devices  
          George P. Noon, MD  
          The Future of Mechanical Devices in Children  
          O. Howard Frazier, MD

1530-1600 Break

1600-1700 Professorial Poster Walk Rounds  
          Anthony C. Chang, MD, MBA, and Faculty  
          Concurrent Session for Nurses  
          Elizabeth C. Suddaby, RN, MSN; Rosita Maley, RN, MN
SATURDAY, DECEMBER 6, 2003

700-800  Continental Breakfast

800-900  Special Session: Oral Abstract Presentations ................. Anthony C. Chang, MD, MBA, and Faculty

900-1015  Session IIIA: Medical Management of Heart Failure ........... J. Timothy Bricker, MD, MBA, Moderator
          Pharmacological Therapy in the ICU Setting .................. Daniel J. Penny, MD
          Drug Therapy in the Outpatient Setting .................. Robert E. Shaddy, MD
          Nursing Aspects of Pediatric Heart Failure ............... Elizabeth C. Suddaby, RN, MSN
          Drug Therapy in the Adult Outpatient Setting .......... Guillermo Torre, MD, PhD

1015-1030  Break

1030-1200  Session IIIB: Future Directions of Heart Failure in Children ....... William J. Dreyer, MD, Moderator
           Device Therapy for Heart Failure .................. Richard A. Friedman, MD, MBA
           Natriuretic Peptide in Pediatric Heart Failure ........ Jack F. Price, MD
           The Economics of Heart Failure in Children .......... J. Timothy Bricker, MD, MBA
           The Adult With Congenital Disease and Heart Failure .... Wayne J. Franklin, MD

1200  Conference Adjourns

It is the policy of Baylor College of Medicine (Baylor) that the provider and faculty/presenters disclose any significant financial or other relationships with commercial companies whose products may be discussed in the activity, or the commercial supporters, if any. Baylor also requires that faculty disclose any unlabeled use or investigational use (not yet approved for any purpose) of pharmaceutical and medical device products. Specific disclosure will be made to the participants prior to the educational activity.

Faculty, topics, program schedule, and credits are subject to change.

Audio or videotaping is prohibited without written permission from the Program Director and the Office of Continuing Medical Education, Baylor College of Medicine, Houston, Texas.

As of the printing of this brochure, this conference is supported by unrestricted educational grants from: Berlin Heart AG; CardioAccess, Inc.; Digisonics Inc.; Guidant Corporation; LeMaitre Vascular, Inc.; MedImmune, Inc; Scios Inc.; Somanetics Corporation; and Wexler Surgical Supplies.
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Chief, Critical Care Cardiology
Director, Pediatric Cardiac Intensive Care Unit
Texas Children’s Hospital
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The University of Texas Medical School at Houston
President and Surgeon-in-Chief
Texas Heart Institute

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Chancellor Emeritus
Distinguished Service Professor of Surgery
Baylor College of Medicine

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Medical Director
Texas Heart Institute

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Harvard Medical School
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Robert E. Shaddy, MD
L. George Vasey Professor of Pediatrics
Director of Pediatric Cardiology
University of Utah School of Medicine
Medical Director of Heart Failure and Heart Transplant Program
Primary Children’s Medical Center
Salt Lake City, Utah

Elizabeth C. Suddaby, RN, MSN
Pediatric Cardiovascular Clinical Nurse Specialist
Inova Fairfax Hospital for Children
Falls Church, Virginia

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Associate Professor of Anesthesiology and Pediatrics
Baylor College of Medicine

Neil E. Bowles, PhD
Assistant Professor of Pediatrics/Cardiology
Baylor College of Medicine

J. Timothy Bricker, MD, MBA
Professor of Pediatrics/Cardiology
Chief, The Lillie Frank Abercrombie
Section of Cardiology
Baylor College of Medicine
Chief of Cardiology
Texas Children’s Hospital
Chief of Pediatric Cardiology
Texas Heart Institute
FEE, 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 at least 5 business days before the activity start date, contact the Office of Continuing Medical Education (OCME) immediately.

If you plan to register on-site, contact OCME at least 24 hours in advance to confirm activity status and space availability. The OCME 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.

Continental breakfasts, breaks, lunch, reception, and course syllabus are included in the registration fee.

CANCELLATION/REFUND POLICY
Requests for registration refunds must be in writing and received by the Office of Continuing Medical Education (OCME) at least 10 business days before the activity begins. The date the request is received by the OCME will be considered the cancellation date. Requests received after the refund deadline will not be processed. Cancellations are subject to a $50 administrative fee deducted from the registration fee paid to cover guarantees and other expenses. Requests should be mailed to the OCME or faxed to 713.798.7955.

The OCME reserves 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, OCME’s liability is limited to the registration fee paid.

CONFERENCE LOCATION AND ACCOMMODATIONS
InterContinental Hotel
2222 West Loop South Phone: 713.627.7600
Houston, Texas 77027 Fax: 713.961.3327

Accommodations should be arranged directly with the InterContinental Hotel prior to November 3, 2003; reservations made after that date are subject to availability. Please identify yourself with the Heart Failure in Children and Young Adults Conference when making reservations in order to benefit from the special group rate of $145 single/double. (a portion of the room rate will be used to offset conference expenses). Please make hotel reservations early — a limited number of rooms are blocked for the conference.

General Hotel Information
The InterContinental Hotel is located in the heart of the Galleria area and within blocks of shopping, dining and entertainment. For more information please visit www.Intercontinental.com.

Transportation
Express Shuttle USA (phone: 713-523-8888) offers transportation directly to the hotel from George Bush Intercontinental Airport and William P. Hobby Airport for a minimal fee. The InterContinental Hotel is 14 miles from William P. Hobby Airport and 26 miles from George Bush Intercontinental Airport.
Houston Area
Houston, the fourth largest city in the United States, offers many attractions such as Space Center Houston, the Downtown Aquarium, the world's largest rodeo, and the Galleria shopping complex. Houston is also known for the Texas Medical Center (TMC), home to 42 non-profit institutions on 675 acres. TMC is the largest medical center in the world and serves over 5 million patients per year.

CALL FOR ABSTRACTS FOR ORAL PRESENTATIONS AND POSTERS
Abstract receipt deadline for paper/disk submission: 10/15/2003
Abstract receipt deadline for electronic submission: 10/15/2003

Please go to website www.heartfailureinchildren.org for further information and forms as well as conference updates.

FOR FURTHER INFORMATION CONTACT
Baylor College of Medicine
Office of Continuing Medical Education
Attn: Claudia Garnica or Tamara Greiner
1709 Dryden, Suite 1218
Houston, TX  77030

Phone: 713.798.8237
Fax: 713.798.7955

Visit our website located at www.cme.bcm.tmc.edu for information about other Baylor College of Medicine CME activities.
**REGISTRATION FORM**

The First International Conference on  
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**REGISTRATION FEE**  
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| Physician | $495 | $595 |
| Fellow/Resident* | $245 | $295 |
| Other Healthcare Professional | $245 | $295 |

*verification required*

**Optional Workshop: Mechanical Cardiopulmonary Support**  
Wednesday, December 3, 2003

| All Participants | $125 | $145 |

**PAYMENT METHOD**  
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- [ ] CHECK (in U.S. Funds) made payable to Baylor College of Medicine  
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- [ ] Include me in email notifications for CME activities.

Contact OCME if you have any ADA accommodation needs.

Your registration must be prepaid.

With credit card payment, you may fax completed registration form to 713.798.7955.

Return completed registration form and payment to:  
Baylor College of Medicine  
Office of Continuing Medical Education (1132)  
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