



THE PEDIATRIC HOSPITAL FOR:



Albert Einstein College of Medicine
OF YESHIVA UNIVERSITY

The Pediatric Heart Center
presents

Controversies in Pediatric Heart Diseases

October 27–29, 2011



Harvard Club of New York City
27 West 44th Street
New York, NY 10036

Credits issued by
Albert Einstein
College of Medicine

Statement of Need

The pace of developments in the medical and surgical management of children with complex heart diseases has been increasing rapidly. It is difficult for the practicing pediatric cardiologist, surgeon, intensivist and mid-level provider to be conversant in all aspects of caring for children with a wide range of heart disease. This course is designed to provide the attendee with an overview of several of the most complicated types of heart disease in children, with perspectives from surgeons, cardiologists and intensivists.

Activity Goals

This two-day course will address surgical and medical issues in the management of complex heart diseases, with a distinguished panel of invited surgeons, cardiologists, intensivists, nurses and perfusionists. The sessions will focus on areas such as:

- **Outcomes in complex hypoplastic left heart syndrome**
- **The role of hybrid procedures in the management of complex heart diseases in children**
- **Measuring quality of surgical and medical management**
- **Innovative surgical approaches to the management of lesions such as complex left ventricular outflow tract obstruction, pulmonary atresia with VSD and MAPCAs, and double outlet right ventricle**
- **Management of end-stage cardiomyopathy or congenital heart disease in children**

Learning Objectives

After attending this course, the participant will be able to:

- **Select the optimal surgical strategies for complex congenital cardiac repairs**
- **Identify antenatal strategy and outcomes in hypoplastic left heart syndrome**
- **Discuss new technologies for catheter intervention**
- **Identify key components needed to develop a quality program in pediatric heart diseases**
- **Describe the use of registries and databases to improve care for children with heart disease**
- **State new trends in pediatric heart transplantation**
- **Select the optimal medical management of a child with heart failure**
- **Explain various perspectives on pediatric heart failure and the Fontan circulation**

Intended Audience

This activity is intended for pediatric cardiologists, pediatric cardiac surgeons, intensivists, anesthesiologists, cardiac nurses, perfusionists and other healthcare professionals who treat children with complex heart diseases.

Nursing Purpose Statement

A pre-conference focused on children with congenital heart disease and the challenges nurses face taking care of them.

Nursing Sessions Learning Objectives

After attending this course, the participant will be able to:

- **Identify best-practice measures to improve patient outcomes**
- **Recognize hemodynamic instability and recommend treatment options**
- **Explore the relationship of the interdisciplinary team in the care coordination of critically ill children**
- **Discuss variations in hypoplastic left heart syndrome**
- **Discuss collaborative relationships in the pediatric cardiac intensive care unit**

Perfusion Sessions Learning Objectives

After attending this course, the participant will be able to:

- **Discuss the risks and benefits of novel cardioplegia solutions and strategies for protecting the myocardium during congenital heart surgery**
- **Discuss controversial issues related to ECMO circuit design and hemostasis management in the setting of post-cardiotomy support for the neonate**

Accreditation for Physicians

Albert Einstein College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. Albert Einstein College of Medicine designates this live activity for a maximum of **13.75 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Accreditation for Nurses

Montefiore Medical Center, Division of Education and Organizational Development, is an approved provider of continuing nursing education by the New York State Nurses Association (NYSNA), an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation (ANCC). The application for Nursing Accreditation has been submitted for 18 contact hours.

Accreditation for Perfusionists

This educational activity has been submitted to the American Board of Cardiovascular Perfusion for CEU approval. A minimum of 18 hour(s) is anticipated.

Special Needs

Albert Einstein College of Medicine and Montefiore Medical Center fully comply with the legal requirements of the Americans with Disabilities Act. If any participant is in need of special accommodations, please submit a written request two weeks prior to the activity to the Center for Continuing Medical Education, 3301 Bainbridge Avenue, Bronx, New York 10467.

Conflict of Interest

The "Conflict of Interest Disclosure Policy" of Albert Einstein College of Medicine requires that faculty participating in any CME activity disclose to the audience any relationship(s) with a pharmaceutical or equipment company. Any presenter whose disclosed relationship proves to create a conflict of interest, with regard to their contribution to the activity, will not be permitted to present.

Albert Einstein College of Medicine also requires that faculty participating in any CME activity disclose to the audience when discussing any unlabeled or investigational use of any commercial product or device not yet approved for use in the United States.

The staff of CCME of Albert Einstein College of Medicine have no conflicts of interest with commercial interest related directly or indirectly to this activity.

Controversies in Pediatric Heart Diseases

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Faculty

Course Directors

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Thursday, October 27, 2011

Nursing Session I

Moderators: Melissa Duffy, RN, CPNP; Cathy Cahill, RN

7:30–7:55 am	Continental Breakfast and Registration
7:55–8:00 am	Introduction and Welcoming Remarks <i>Joanne Ritter-Teitel, RN, PhD, CNAA</i> <i>Linda Ziemann, RN, MM</i>
8:00–8:15 am	Collaborative Relationships <i>Lisa M. Kohr, RN, CPNP-AC</i>
8:15–8:45 am	Hemodynamic Instability <i>Sandy Staveski, RN, CPNP</i>
8:45–9:00 am	Preventing Adverse Events <i>Jo Ann Nieves, RN, PNP-BC</i>
9:00–9:30 am	Panel Discussion
9:30–10:00 am	Refreshment Break and Exhibits

Nursing Session II

Moderators: Martine Bouzi, RN, CPNP; Marcia Lutz, RN, MSN

10:00–10:15 am	The Spectrum of HLHS <i>Linda Fazari, RN, MN</i>
10:15–10:30 am	Interdisciplinary Care <i>Henry Michael Ushay, MD, PhD</i>
10:30–10:45 am	Panel Discussion
10:45–11:00 am	Refreshment Break and Exhibits

Perfusion Session I

Cardioplegia

Moderators: Samuel Weinstein, MD; Kenneth G. Shann, CCP

7:30–7:55 am	Continental Breakfast and Registration
7:55–8:00 am	Introduction and Welcoming Remarks <i>Samuel Weinstein, MD</i> <i>Kenneth G. Shann, CCP</i>
8:00–8:15 am	Audience Response Questions: Survey of Current Cardioplegia Strategies
8:15–8:30 am	Del Nido Solution <i>Stacy B. O'Blennes, MD</i>
8:30–8:45 am	Custodiol Solution <i>Gordon A. Cohen, MD, PhD</i>
8:45–9:00 am	Warm Blood Cardioplegia <i>Emre Belli, MD</i>
9:00–9:30 am	Interactive Panel Discussion
9:30–9:45 am	Refreshment Break and Exhibits

Perfusion Session II

Neonatal ECMO

Moderators: Nicholas B. Mellas, CCP; Steven J. Choi, MD

9:45–10:00 am	Audience Response Questions: Survey of Current ECMO Strategies for Post-Cardiotomy Support in the Neonate
10:00–10:15 am	Contemporary ECMO Circuit Design <i>Samuel Weinstein, MD</i>
10:15–10:30 am	Hemostasis Management <i>Jeffrey P. Jacobs, MD</i>
10:30–10:45 am	Interactive Panel Discussion
10:45–11:00 am	Refreshment Break and Exhibits



Thursday, October 27, 2011

11:00 am–11:15 am **Introduction and Welcoming Remarks**
Robert E. Michler, MD
Philip O. Ozuah, MD, PhD
Daphne T. Hsu, MD
François Lacour-Gayet, MD

Global Health Care

Moderators: Robert E. Michler, MD; Alain Deloche, MD

11:15–11:30 am Humanitarian Program Sustainability
Robert E. Michler, MD

11:30–11:45 am Cardiac Diseases In Emerging Countries
Alain Deloche, MD

11:45 am–12:00 noon Knowledge Transfer
Jeffrey P. Jacobs, MD

12:00–12:15 pm Shall We Do It?
François Lacour-Gayet, MD

12:15–12:30 pm Panel Discussion

12:30–2:00 pm Luncheon

Aortic Valve

Moderators: James A. Quintessenza, MD; Robert H. Pass, MD

2:00–2:20 pm Interventional Approaches to Aortic Valve Disease
Dietmar Schranz, MD

2:20–2:40 pm Aortic Valve Repair
Viktor Hraška, MD

2:40–3:00 pm Ross in Infancy
François Lacour-Gayet, MD

3:00–3:20 pm The Dilated Aorta
Angela T. Yetman, MD

3:20–4:00 pm Refreshment Break and Exhibits

Grown-Up Congenital Heart Disease

Moderator: Edward L. Bove, MD; George K. Lui, MD

4:00–4:20 pm The New Paradigm of Adult Congenital Heart Disease
Karen K. Stout, MD

4:20–4:40 pm Surgical Management of Anomalous Aortic Origin of the Coronary Artery
Samuel Weinstein, MD

4:40–5:00 pm PA-VSD-MAPCAS: Indication and Mid-Term Results
Frank L. Hanley, MD

5:00–5:20 pm Arrhythmias in Adult Congenital Heart Disease
Robert H. Pass, MD

5:20 pm Adjourn

Friday, October 28, 2011

Complex CHD 1

Moderators: Thomas L. Spray, MD; Ralph S. Mosca, MD

7:30–8:00 am Continental Breakfast and Registration

8:00–8:20 am Advanced Imaging for Complex CHD
Leo Lopez, MD

8:20–8:40 am Is BT Shunt a Complex Operation?
Pirooz Eghtesady, MD, PhD

8:40–9:00 am Congenital MV Repair
Emre Belli, MD

9:00–9:20 am Teaching Complex Procedures
Edward L. Bove, MD

9:20–10:00 am Refreshment Break and Exhibits

Hypoplastic Left Heart Syndrome

Moderators: Richard G. Ohye, MD; Rubin Cooper, MD

10:00–10:20 am The Challenging HLHS
Thomas L. Spray, MD

10:20–10:40 am Fetal Intervention in HLHS
Lindsey D. Allen, MD, FRCP

10:40–11:00 am Hybrid Procedures in HLHS
Dietmar Schranz, MD

11:00–11:20 am Long-Term Results of HLHS
Gil Wernovsky, MD

11:20–11:40 am HLHS “To Be or Not to Be”
Constantine Mavroudis, MD

11:40 am–12:30 pm Panel Discussion

12:30–2:00 pm Luncheon

Quality of Care

Moderators: Constantine Mavroudis, MD; François Lacour-Gayet, MD

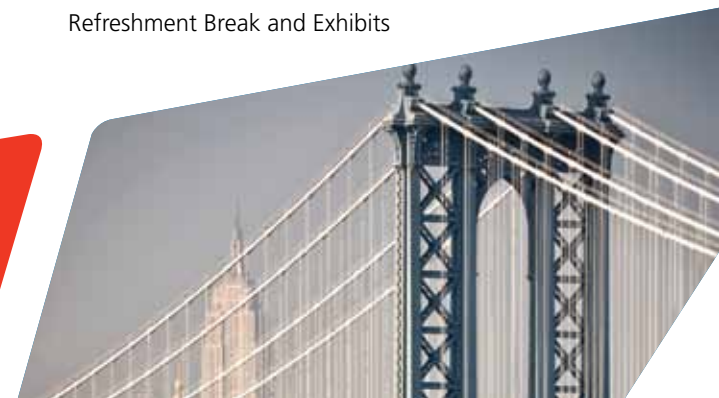
2:00–2:20 pm Quality of Care in CHD
Steven J. Choi, MD

2:20–2:40 pm How to Measure Performance in CHS
Emile A. Bacha, MD

2:40–3:00 pm How to Measure Morbidity in CHS
Marshall L. Jacobs, MD

3:00–3:20 pm The STS Congenital Database Network
Jeffrey P. Jacobs, MD

3:20–4:00 pm Refreshment Break and Exhibits



Cardiomyopathies

Moderators: Bernice Morrow, PhD; Charles E. Canter, MD

4:00–4:20 pm	Genetics of Cardiomyopathies <i>Wendy Chung, MD, PhD</i>
4:20–4:40 pm	Medical Management of Cardiomyopathies <i>Jacqueline M. Lamour, MD</i>
4:40–5:00 pm	Stem Cell Therapies <i>Robert E. Michler, MD</i>
5:00–5:20 pm	Heart Transplant: Perspectives <i>Steven A. Webber, MD</i>
5:20 pm	Adjourn
6:00–8:00 pm	Gala Cocktail Reception <i>With a Performance by Baby Blue Sound Collective</i>

Saturday, October 29, 2011

Chronic Heart Failure in CHD

Moderators: Karen K. Stout, MD; Edward L. Bove, MD

7:30–8:00 am	Continental Breakfast and Registration
8:00–8:20 am	A Growing Problem <i>Daphne T. Hsu, MD</i>
8:20–8:40 am	Medical Management of Heart Failure <i>Charles E. Canter, MD</i>
8:40–9:00 am	Pediatric Circulatory Devices <i>Jonathan M. Chen, MD</i>
9:00–9:20 am	Eisenmenger Syndrome: Recent Progress <i>Robyn J. Barst, MD, PhD</i>
9:20–10:00 am	Refreshment Break and Exhibits

Complex CHD 2

Moderators: Thomas L. Spray, MD; Frank L. Hanley, MD

10:00–10:20 am	Aortic Translocation <i>Victor O. Morell, MD</i>
10:20–10:40 am	Management of Corrected TGA-VSD-PS <i>Viktor Hraška, MD</i>
10:40–11:00 am	Artificial Heart and Failing Fontan <i>François Lacour-Gayet, MD</i>
11:00–11:20 am	DORV-AVSD Biventricular Repair <i>Edward L. Bove, MD</i>
11:20–11:40 am	Saving, Helping, Healing CHD <i>Thomas L. Spray, MD</i>
11:40 am–12:30 pm	Panel Discussion
12:30 pm	Closing Remarks <i>Daphne T. Hsu, MD</i> <i>François Lacour-Gayet, MD</i>

Hotel Accommodations

A limited number of rooms will be held at a special discount rate until October 5, 2011, at the following locations:

New York Marriott Marquis Hotel

1535 Broadway, New York
Rate: \$289.00 per night (plus tax)
For reservation, please call 1-800-266-9432 and give **reference # M-6J5D6C** in order to receive the negotiated rate.

Courtyard Marriott Eastside

866 Third Avenue, New York
Rate: \$250.00 per night (plus tax)
For reservation, please call 212-644-1300 and give **reference # M-72H8JU** in order to receive the negotiated rate.

Any reservation received after October 5, 2011, is subject to space and rate availability.

Parking Information

Hippodrome Parking
50 W. 44th Street
(between 5th and 6th Avenues)

For Further Information Contact

Montefiore Medical Center
Center for Continuing Medical Education
3301 Bainbridge Avenue
Bronx, New York 10467
718-920-6674
npiacent@montefiore.org



The Children's Hospital at Montefiore is ranked among the nation's leading institutions in all 10 pediatric specialties by *U.S. News & World Report*.

www.montekids.org



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REGISTRATION FORM

Name: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Country: _____

Daytime Phone: _____ Fax: _____

Email: _____

Institutional Affiliation, if any: _____

Please Indicate Specialty:

Cardiac Surgery Cardiology Intensive Care Anesthesiology

Nurse Perfusionist Nurse Practitioner/Physician Assistant Other

Special Dietary Needs: Kosher Vegetarian

REGISTRATION FEES

	Before Sept. 1	After Sept. 1
Physician:	\$495.00	\$550.00
Nurse, NP, PA, Perfusionist, Fellow & Resident:	\$250.00	\$300.00

Registration fee includes tuition, daily food/beverage service and Friday's gala cocktail reception.

COCKTAIL RECEPTION

I will I will not attend the gala cocktail reception.

I will I will not bring a guest to the gala cocktail reception.

(Additional \$55.00 for the guest)

FIVE EASY WAYS TO REGISTER

Online: www.mecme.org

Phone: 718-920-6674

Fax: 718-798-2336

Email: npiacent@montefiore.org

Mail: Completed registration form with your payment to Center for Continuing Medical Education, 3301 Bainbridge Avenue, Bronx, NY 10467

PAYMENT METHOD

Check payable to Montefiore Medical Center

Visa MasterCard American Express

Card# _____ Exp. Date _____

Signature _____

CANCELLATION POLICY

Request for refunds **MUST** be received in writing by October 14, 2011, and will be subject to an administration fee of \$75.00. **NO REFUNDS WILL BE PROCESSED AFTER THIS DATE.**