



*The Second Annual
Symposium on*

Advances in Perinatal Cardiology

October 14-15, 2004

ST. PETERSBURG FLORIDA



Jointly Sponsored by





Before her birth, Hannah Scharrer received transplacental therapy to improve her heart rate. Despite maternal side effects, Jill Scharrer continued the drug therapy throughout her pregnancy.

Symposium Objectives

As a result of attending this symposium, participants will be able to:

- Describe the segmental approach of fetal echocardiography in evaluating congenital heart disease.
- Identify a variety of cardiac and non-cardiac malformations in the fetus.
- Explain the basics of current treatment for twin-twin transfusion.
- Discuss the latest advances in interventional cardiac procedures for the fetus.
- Summarize the basic techniques in fetal valvuloplasty and fetal cardiac surgery.
- Distinguish between different types of fetal arrhythmias and their impact on fetal health.
- Diagnose fetal arrhythmia using echocardiographic and magnetocardiographic techniques.
- Express the latest advances in fetal electrocardiography.
- Recognize perinatal myocarditis and discuss the possible associated arrhythmias.
- Review the causes of complete heart block in the fetus and learn possible treatments.
- Recognize the need for a systematic approach to diagnosing and treating fetal arrhythmia.
- Describe the AEPC Protocol and other strategies for diagnosing and treating SVT in the fetus.
- Define causes, signs, and symptoms, and recommend treatment options for fetal congestive heart failure.
- Evaluate the use of amiodarone in treating fetal tachyarrhythmia.
- Discuss controversies of management of fetal arrhythmia.

CME Information

Course Description

Perinatal Cardiology is an emerging field that combines expertise from cardiologists, obstetricians and radiologists. Fetal cardiac defects can be detected as early as 12 weeks gestation. Knowledge of origins of congenital heart disease is necessary in diagnosing fetal cardiac anomalies. The state-of-the-art in fetal cardiac interventions will be reviewed by leading experts. Cardiac rhythm can be assessed and treatment can be life-saving for the fetus.

Target Audience

This conference is designed for healthcare professionals in the following fields: Obstetrics and Gynecology; Neonatology; Perinatal, Maternal and Fetal Medicine; Cardiology; and Sonography.

CME Accreditation

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the University of South Florida College of Medicine and All Children's Hospital. The University of South Florida is accredited by the ACCME to provide continuing medical education for physicians.

Designations

The University of South Florida College of Medicine designates this educational activity for a maximum of **15** Category 1 credits toward the AMA Physician Recognition Award. Each physician should claim only those credits that he/she actually spent in the activity.

***Note:** Contact hours for nurses will be awarded by All Children's Hospital pending approval by the Florida Board of Nursing.

Cancellations and Refund Policy:

All Children's Hospital reserves the right to cancel or postpone any course due to any unforeseen circumstances. In the event of cancellation or postponement, All Children's Hospital will refund any registration fees but is not responsible for any related costs, charges or expenses to participants, including cancellation charges assessed by airlines or travel agencies.

In order to process refunds for course withdrawals, cancellations must be received by **September 30, 2004**. Refunds will be issued for the amount of registration minus a \$50 service charge. Please familiarize yourself with all hotel cancellation penalties and fees when you make your hotel reservations.

This Symposium is not affiliated with or endorsed by ARDMS.

Conference Agenda

Thursday, October 14, 2004

ALL CHILDREN'S HOSPITAL
EDUCATION AND CONFERENCE CENTER

- 7–8:00 am *Registration/Breakfast*
- 8–8:10 am **Welcome**
James C. Huhta, MD
Richard M. Martinez, MD
- 8:10–8:30 am **Complete Fetal
Echocardiogram in 2004**
Alfred Asante-Korang, MD
- 8:30–9 am **Segmental Approach to the Fetus with
Complex Congenital Heart Disease**
Gerald Tulzer, MD
- 9–9:30 am **Cardiac and Non-Cardiac
Malformations in the Fetus**
Maria Respondek-Liberska, MD
- 9:30–10 am **Management of Twin-Twin Transfusion**
Ruben Quintero, MD
- 10–10:30 am *Break and Visit Exhibits*
- 10:30–11 am **Advances in Prenatal Intervention**
Ruben Quintero, MD
- 11–11:30 am **Pulmonary Valvuloplasty in the Fetus**
Helena Gardiner, MD, PhD
- 11:30 am–
12 pm **Aortic Valvuloplasty in the Fetus**
Wayne Tworetzky, MD
- 12–1:00 pm *Lunch Provided in the Conference Center*
- 1–1:30 pm **Diagnosis and Treatment
of Fetal Hydrops**
Peter Ferrer, MD
- 1:30–2 pm **Fetal Cardiac Surgery**
Mohan Reddy, MD
- 2–2:30 pm *Break and Visit Exhibits*
Heart Specimens on Display
Diane Debich-Spicer, BS

2:30–4:45 pm **Hands-On Workshops with Faculty**

Karen A. Raimer, MD/Claude Guidi, MD
Washington Hill, MD/Tony
Sammarco, RDMS

Jose A. Hernandez–Robles, MD/
Lori Ewing, RDCS, RDMS, RVT

Charles M. McCurdy, MD/
Andrew W. Helfgott, MD

Sharon Weil-Chalker, MD/James A.
Quintessenza, MD/Jeffrey P. Jacobs, MD

Wayne Tworetzky, MD/Gerald Tulzer, MD/
Elsa J. Suh, MD

RENAISSANCE VINOY RESORT

6–9:30 pm **Reception and Dinner**
Wine and Fetal Arrhythmias
Norman Silverman, MD

Friday, October 15, 2004

ALL CHILDREN'S HOSPITAL EDUCATION AND CONFERENCE CENTER

7:30–7:50 am *Registration/Breakfast*

7:50–8 am **Welcome**
Jeffrey P. Jacobs, MD
James A. Quintessenza, MD

8–8:30 am **Spectrum and Significance of
Fetal Arrhythmia**
Charles Kleinman, MD

8:30–9 am **Ultrasonic Diagnosis of Fetal
Arrhythmia**
Jean-Claude Fouron, MD

9–9:20 am **Magnetocardiography and
Fetal Arrhythmia**
Bettina F. Cuneo, MD

9:20–9:40 am **Fetal Electrocardiography**
Helena Gardiner, MD, PhD

9:40–10 am **Perinatal Myocarditis and
Fetal Arrhythmia**
Robert J. Boucek, Jr., MD

10–10:30 am *Break and Visit Exhibits*

enda—continued

- 10:30–11 am **Atrial Isomerism and Complete Heart Block**
Norman Silverman, MD
- 11–11:20 am **Perinatal Management of Fetal Complete Heart Block**
Sharon Weil-Chalker, MD
- 11:20–11:40 am **Protocol-Based Fetal Arrhythmia Management**
Peter Ferrer, MD
- 11:40 am–12 pm **The Association of European Pediatric Cardiology (AEPC) Fetal Supraventricular Tachycardia Protocol**
Gerald Tulzer, MD
- 12–12:30 pm *Break and Visit Exhibits*
- 12:30–1:40 pm ***Pediatric Grand Rounds* — Lunch Provided**
Fetal Congestive Heart Failure
Norman Talner, MD
- 1:40–2:10 pm **SVT: An Electrophysiologist's Perspective**
Jorge McCormack, MD
- 2:10–2:30 pm **Use of Amiodarone in Fetal Tachycardia**
Bettina F. Cuneo, MD
- 2:30–4:30 pm **Round Table Discussions**
Controversies in Successful Arrhythmia Management
Discussion Leaders:
Bettina F. Cuneo, MD
Peter Ferrer, MD
Helena Gardiner, MD, PhD
Charles Kleinman, MD
Jorge McCormack, MD
Maria Respondek-Liberska, MD, PhD
James C. Sheppard, MD
Norman Silverman, MD
- 4:30–5 pm *Closing Comments*
James C. Huhta, MD
- 5 pm *Return CME/CE Forms and Course Evaluations*

Faculty

Symposium Chairs

James C. Huhta, MD and Jeffrey P. Jacobs, MD

Symposium Co-Chairs

Ruben A. Quintero, MD,
Washington Hill, MD, Charles M. McCurdy, MD,
Karen A. Raimer, MD, Andrew W. Helfgott, MD

Symposium Coordinators

Lori Ewing, RDCS, RDMS, RVT and Ron Volden, RTBS

Symposium Director

Melodye Seals, CMP

Invited Faculty

Featured Guest Speaker

Norman S. Talner, MD
Duke University, Durham, NC

Bettina F. Cuneo, MD
Hope Children's Hospital,
Chicago, IL

Peter Ferrer, MD
University of Miami, Miami, FL

Jean-Claude Fourn, MD
Ste-Justine Hospital,
University of Montreal, Canada

**Helena Gardiner,
MD, PhD**
Imperial College, London, UK

Charles Kleinman, MD
Columbia University,
New York, NY

Mohan Reddy, MD
Stanford University,
Palo Alto, CA

**Maria Respondek-
Liberska, MD, PhD**
Polish Mother's Memorial
Hospital, Lodz, Poland

Norman Silverman, MD
Stanford University,
Palo Alto, CA

Gerald Tulzer, MD
Linz Children's Hospital,
Linz, Austria

Wayne Tworetzky, MD
Boston Children's
Hospital, Boston, MA

Sharon Weil-Chalker, MD
St. Christopher's Hospital for
Children, Philadelphia, PA

Local Faculty

University of South Florida College of Medicine (USF)
All Children's Hospital (ACH)
The Congenital Heart Institute of Florida (CHIF)

Cardiac Surgery

Jeffrey P. Jacobs, MD

Clinical Associate Professor (USF)
Pediatric Cardiac Surgery (ACH)
Cardiac Surgery (CHIF)

James A. Quintessenza, MD

Clinical Assistant Professor (USF)
Pediatric Cardiac Surgery (ACH)
Cardiac Surgery (CHIF)

Cardiology

Alfred Asante-Korang, MD

Clinical Assistant Professor
of Pediatrics (USF)
Pediatric Cardiology
(ACH/CHIF)

Robert J. Boucek, Jr., MD

Professor of Pediatrics (USF)
Chief of Pediatric
Cardiology (ACH/CHIF)

Diane Debich-Spicer, BS

Pediatric Cardiac
Pathology (CHIF)

James C. Huhta, MD

Professor of Pediatrics
and Obstetrics (USF)
Daicoff-Andrews Chair
in Perinatal Cardiology
(ACH/CHIF)

Jorge McCormack, MD

Clinical Associate Professor
of Pediatrics (USF)
Pediatric Cardiology
(ACH/CHIF)

Richard M. Martinez, MD

Clinical Professor of
Pediatrics (USF)
Pediatric Cardiology
(ACH/CHIF)

Robert Sheppard, MD

Clinical Assistant Professor
of Medicine (USF)
Director, Cardiac
Electrophysiology & Pacing,
Bayfront Medical Center,
St. Petersburg, FL

Elsa J. Suh, MD

Pediatric Cardiology
(ACH/CHIF)

Obstetrics

Andrew W. Helfgott, MD

Clinical Associate Professor,
Dept. of OB-GYN, University
of Florida College of Medicine,
Maternal Fetal Medicine, Sacred
Heart Hospital, Pensacola, FL

Jose A. Hernandez- Robles, MD

Department of Obstetrics
and Gynecology (USF)

Washington Hill, MD

Chairman, Dept. of
Obstetrics & Gynecology,
Sarasota Memorial
Hospital, Sarasota, FL

Charles M. McCurdy, MD

Maternal Fetal Medicine,
Health Park Health System,
Fort Myers, FL

Ruben A. Quintero, MD

Florida Institute for Fetal Diagnosis
and Therapy, Tampa, FL

Karen A. Raimer, MD

Director, Ob/Gyn Residency
Program, Bayfront Medical
Center; Assistant Director of
Maternal-Fetal Medicine (Private
Practice) St. Petersburg, FL

Tony Sammarco, RDMS

Perinatal Center of
Sarasota Memorial
Hospital, Sarasota, FL

Radiology

Claude Guidi, MD

Department of Radiology (USF)

Hotel Information



Renaissance Vinoy Resort & Golf Club

This 360-room Renaissance resort recalls the style and glamour of another era. The property's grand furnishings and vintage architectural detail surround guests in elegance. The property is the only luxury resort on Florida's West Coast with a combination private marina, 18-hole golf course, and 12-court tennis complex. The resort is central to the area's many cultural and entertainment attractions, including the Salvador Dali Museum, Museum of Fine Arts, Florida International Museum, Tropicana Field, BayWalk, and two bayside beaches.

Renaissance Vinoy Resort and Golf Club

501 Fifth Avenue NE, St. Petersburg, FL 33701

Telephone: (727) 894-1000 **Fax:** (727) 822-2785

When making reservations, please identify yourself as attending the All Children's Hospital Conference.

CONFERENCE RATES: Single/Double \$189
Deluxe Patio Spa \$239

Rates do not include 11% room tax (tax rates subject to change).

Book your room today—Space is limited!

Reservation Cut-off Date: Monday, September 13, 2004

Reservations received after cut-off date will be accepted on a rate and space availability basis.

All lectures and workshops take place in the Education and Conference Center at **All Children's Hospital**. The **Renaissance Vinoy Resort** is located just minutes from the Hospital. Free shuttle transportation will be provided between the Vinoy and the Education and Conference Center. Enjoy the Tampa Bay waterfront on this scenic ride!

For more information about the **Renaissance Vinoy Resort**, call the hotel at the number listed above or at:

www.renaissancehotels.com.

Registration

Registration fees are detailed below and cover tuition for the full conference, including all presentations, course syllabus and materials, breakfast and lunch for two days, refreshment breaks, and the Thursday evening reception and dinner featuring Norman Silverman, MD. His talk "Wine and Fetal Arrhythmias" will be held at the Renaissance Vinoy Resort (transportation will be provided from All Children's Hospital).

Mail or Fax to: All Children's Hospital,
Continuing Medical Education, Dept. 9630,
801 Sixth Street South, St. Petersburg, Florida 33701
FAX: 727-767-8601

PLEASE TYPE OR PRINT CLEARLY

Last Name First Name MI

MD DO PA ARNP RN Other: _____

Hospital/Company/Organization

Address

City State Zip

Daytime Telephone Fax

E-Mail Address

Method of Payment: Check payable to All Children's Hospital

Charge to: VISA Mastercard AmEx

Card Number Exp. Date

Signature

CONFERENCE FEES

<i>Registrations Received</i>	<i>Early by 9/13</i>	<i>Deadline by 9/30</i>	<i>Late after 9/30</i>
CONFERENCE:			
Physicians	\$395	\$450	\$500 \$ _____
Sonographer, PA, ARNP, RN, or Allied Professional.....	\$250	\$300	\$350 \$ _____
ONE DAY:	\$200	\$225	\$250 \$ _____
<i>Check One:</i> <input type="checkbox"/> THURSDAY <input type="checkbox"/> FRIDAY			

TOTAL: \$ _____

For more information: email bordeaua@allkids.org
or call 727-767-8584

All Children's Hospital

Continuing Medical Education, #9630
801 Sixth Street South
St. Petersburg, Florida 33701

OCTOBER 14-15, 2004

The Second Annual Symposium on Advances in Perinatal Cardiology



RENAISSANCE VINOY
RESORT & GOLF CLUB
AND ALL CHILDREN'S
HOSPITAL EDUCATION &
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FLORIDA

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