



# Heart Program

[www.nicklauschildrens.org/MiamiSCA](http://www.nicklauschildrens.org/MiamiSCA)

## Wolff-Parkinson-White Syndrome AND OTHER CAUSES OF **Sudden Death in the Young:** The Fouad Mobassaleh Memorial Symposium

Miami Marriott Biscayne Bay  
February 19-20, 2016

Simultaneous Spanish Translation

HYPERTROPHIC CARDIOMYOPATHY

CORONARY ARTERY ABNORMALITIES

WOLFF-PARKINSON-WHITE SYNDROME

ARRHYTHMOGENIC RV CARDIOMYOPATHY

LONG QT SYNDROME

POST CONGENITAL HEART SURGERY

DILATED AORTA + OTHER AORTOPATHIES

CATECHOLAMINERGIC POLYMORPHIC VT

**Sponsored by:**  
The Heart Program  
at Nicklaus Children's Hospital,  
Miami Children's Health System  
and The Miami Children's Foundation

**Course Directors:**  
Steven Fishberger, MD  
Ronald J. Kanter, MD  
Melissa Olen, ARNP  
Anthony Rossi, MD  
Gil Wernovsky, MD

**The Heart Program**  
at Nicklaus Children's Hospital,  
Miami Children's Health System



## Preventing sudden cardiac arrest in the young

Be a part of the intersection of preventive medicine, basic science, and public policy

On behalf of the Heart program at Nicklaus Children's hospital and Miami Children's Health System, we are proud to present this symposium on the myriad aspects of sudden cardiac arrest in young persons.

As is often the case, this program was conceived out of the tragic death of a previously healthy young man, Fouad Mobassaleh. Although the "science" of these awful events – so commonly recited as an encyclopedic rendering of etiologies and pathophysiologies – is the stuff of many such gatherings, we plan to also engage the societal and legal aspects of this problem. In this way, we hope to help develop an annual update on the topic, alternating with a sister symposium, sponsored by Children's Hospital of Orange County (California), which, itself, has been through its third iteration.

The course faculty was selected based upon both their expertise in the field and a track record of superb articulation of facts, concepts, and well-informed opinions. Some viewpoints will be controversial, and there is ample opportunity for dialogue with attendees built into the program. The two day course will include breakout sessions and a hands-on virtual laboratory experience for the young electrophysiologist.

In addition to the comprehensive plenary sessions, breakout sessions, debates, and keynote speakers, as well as edited versions of the video material, the registration fee includes daily meals, access to the conference presentation site, access to the virtual electrophysiology laboratory, and access to an exclusive exhibit of cardiovascular products and educational materials.

For more information, go to: [www.nicklauschildrens.org/MiamiSCA](http://www.nicklauschildrens.org/MiamiSCA)  
Hope to see you in February...average high is 78° F.; low, 62° F.

Steven Fishberger, MD

Ronald J. Kanter, MD

Melissa Olen, ARNP

Anthony Rossi, MD

Gil Wernovsky, MD

*"Please come to this gathering of the best minds and resources to focus on the challenges of science and society as we confront the sudden death of our young. So our family's story will be less likely your families' stories."*

**The Mobassaleh Family,  
in memory of Fouad**



*"Learning and innovation go hand in hand. The arrogance of success is to think that what you did yesterday will be sufficient for tomorrow."*

**William Pollard**

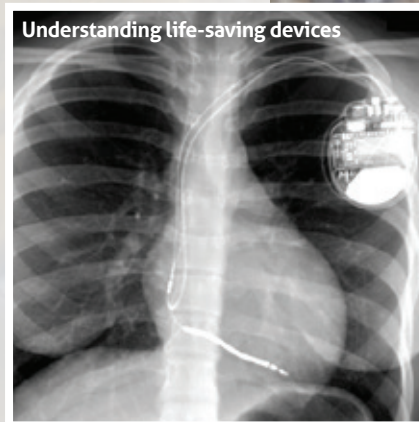
## Course Highlights

Exciting Features and Amenities

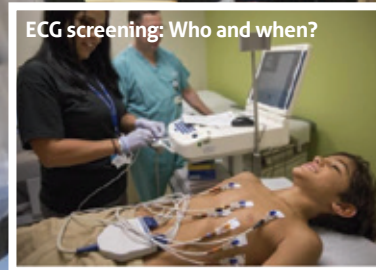
- + Over 30 topics presented by a nationally renowned faculty, including four plenary sessions, two breakout sessions, two debates, and two keynote speakers.
- + Ample time for discussion and faculty interaction
- + Participation in electrophysiologic procedures in a virtual EP lab
- + Live Spanish translation
- + All meals and breaks included in registration fees
- + Complementary MetroMover to Bayside, Bayfront Park, and Brickell; trolleys and shuttles to the Art District, and Midtown
- + Walking distance to the Arsht Center for the Performing Arts, Knight Concert Hall, Museum Park, and American Airlines Arena
- + Nearby hotspots include South Beach and Coral Gables
- + Warm, sunny Florida weather



Deciphering complex arrhythmias



Understanding life-saving devices



ECG screening: Who and when?



## Course Objectives

At the Conclusion of the Meeting, Participants will be Better Able to:

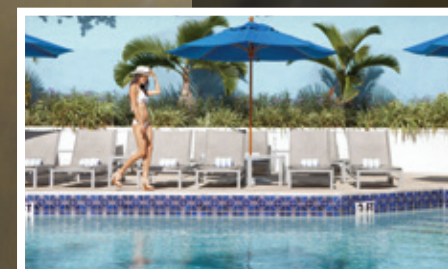
- + Understand the current status of youth screening for sudden death-related conditions
- + Formulate risk assessment strategies for young patients having specific cardiac conditions
- + Identify which affected young patients should undergo genetic testing
- + Understand which affected young patients engage in sports participation, based upon current medicolegal standards.
- + Knowledge of developmental and psychosocial issues in youth having ICDs



Modernizing device follow-up



Legislating change



Newer developments in device implantation



Accreditation Statement:

The Miami Children's Health System is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Designation Statement:

The Miami Children's Health System designates this live activity for a maximum of 13 AMA PRA Category 1 Credit(s)™ or up to 13 Continuing Education Units for Nurses. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Faculty/Planner Disclosure Policy:

In accordance with the Accreditation Council for Continuing Medical Education's Standards for Commercial Support, all planners, teachers, and authors involved in the development of CME content are required to disclose to the accredited provider their relevant financial relationships. Relevant financial relationships will be disclosed to the activity audience.

More info: [www.nicklauschildrens.org/MiamiSCA](http://www.nicklauschildrens.org/MiamiSCA)

THURSDAY  
FEBRUARY  
**18TH**  
2016

5:00 pm - 7:30 pm

## Registration

(2nd floor; Bayview ballroom)



FRIDAY  
FEBRUARY  
**19TH**  
2016

7:00 am Continental Breakfast

## Registration and continental breakfast

(2nd floor; Bayview ballroom)

**8:00 am**

Welcome and overview (3rd floor; Salon A-E)

### Ronald Kanter, MD

Director, electrophysiology, Nicklaus Childrens Hospital

**8:10 am**

Patient presentation and tribute to Mr. Mobassaleh

### Steven Fishberger, MD

Electrophysiologist, Nicklaus Childrens Hospital, Miami, FL

**8:20 am**

**Keynote speaker:** Wolff-Parkinson-White syndrome...  
the Long and Winding Road

Introduction by Dr. Ronald Kanter

### D. Woodrow Benson, MD, PhD

Director, Congenital and Pediatric Cardiac Research, Children's  
Hospital of Wisconsin, Milwaukee, WI

Plenary session I (3rd floor; Salon A-E) \*  
Sudden cardiac arrest: Screening for risk,  
testing for risk, arrhythmia recognition, and  
arrhythmia management

Moderator: Christopher Erickson, MD

**9:00 am**

Newer ECG criteria and their value in screening

### Salim Idriss, MD, PhD, BME

Director, Pediatric Electrophysiology, Duke University, Durham, NC

**9:20 am**

How cardiopulmonary exercise testing can help make the diagnosis  
or help with disease prognosis

### Paul Stephens, Jr, MD

Exercise physiologist, Childrens Hospital of Philadelphia, Philadelphia, PA

**9:40 am**

A contemporary viewpoint by a genetic cardiologist:  
Five reasons to NOT perform genetic testing

### Michael Ackerman, MD, PhD

Director, Long QT Syndrome/Genetic Heart Rhythm Clinic and the Windland  
Smith Rice Sudden Death Genomics Laboratory, Mayo Clinic, Rochester, MN

**10:00 am**

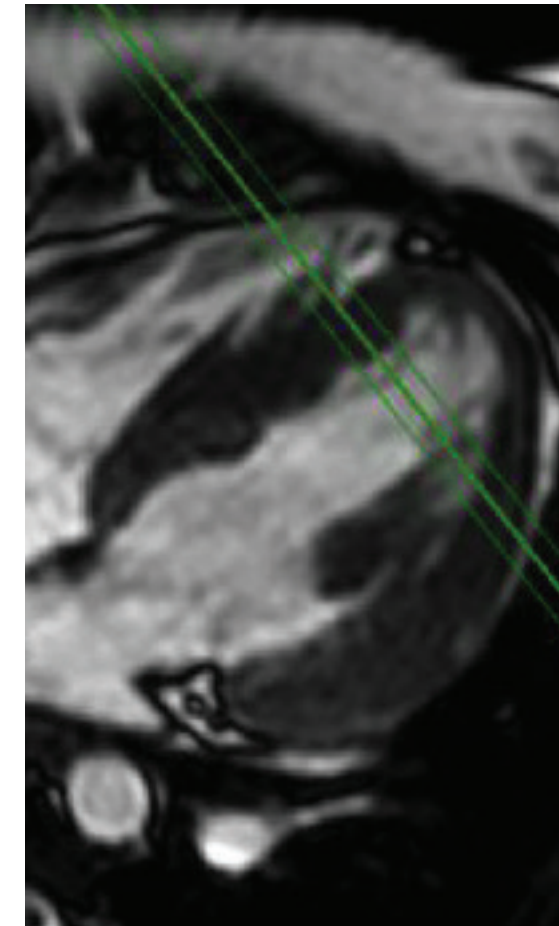
How to develop a clinic for survivors of  
SCA and for families of non-survivors

### Dominic Abrams, MBBS

Director, Inherited Cardiac Arrhythmias Program,  
Boston Children's Hospital, Boston, MA

**10:20 am** Questions and Discussion (all speakers)

**10:35 am** Break/Visit the exhibits



\*Designates sessions during which attendees  
may choose to participate in the following  
alternative educational experience:

### Simulation station for the electrophysiologist

Friday, 9:00 AM - 12:30 PM

San Marco Island Room

Harlie Ferguson,  
St. Jude Medical and Ambassador of IBHRE

- + Transseptal procedure
- + Ablation of cavotricuspid isthmus atrial flutter
- + Placement of left ventricular permanent  
leads via the cardiac venous system

Participation requires reservation, and up to 3  
attendees may participate at a time, although  
there is a single work station. Attendees may  
sign up at the Registration Desk starting at 7:00  
AM, Friday, February 19, 2016. Each session is  
individualized, and participants should plan a  
30-60 minute experience.

**11:00 am**

Recognition and treatment of the sudden and serious arrhythmia

### Anthony Rossi, MD

Director, CICU, Nicklaus Childrens Hospital, Miami, FL

**11:25 am**

How pacemakers work and simple programming

### Christine Chiu-Man, MSC

Team leader, Electrophysiology Division, The Hospital for Sick Children, Toronto,  
ON

**11:50 am**

How ICDs work and simple programming

### Randall M. Bryant, MD

Interventional electrophysiologist, Wolfson's Children's Hospital,  
University of Florida, Jacksonville, FL

**12:15 pm** Questions and Discussion (all speakers)

12:30 pm

**Lunch** (2nd floor; Bayview ballroom)

Video welcome from Jack and Barbara Nicklaus

**Plenary session II** (3rd floor; Salon A-E) \*  
**Cardiac conditions associated with sudden cardiac arrest and the role of athletics for affected patients**

Moderator: Michael Silka, MD



**4:40 pm**

Arrhythmogenic right ventricular cardiomyopathy

**Jane Crosson, MD**

Director, Pediatric Electrophysiology and Adult Congenital Heart Disease, Bloomberg Childrens Center, Johns Hopkins Hospital, Baltimore, MD

**5:00 pm**

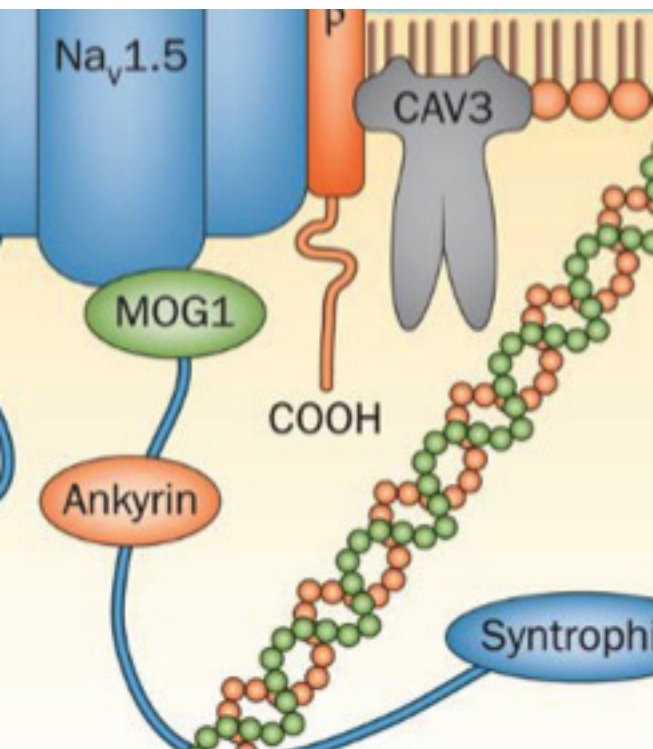
Wolff-Parkinson-White pattern and syndrome

**Mitchell Cohen, MD**

Co-director, Phoenix Children's Heart Center and Program Director, CHC Research & Education, Phoenix Children's Hospital, Phoenix, AZ

**5:20 pm** Questions and Discussion (all speakers)

**5:35 pm** Explore Miami - Its sights, its culture, and its cuisine



**2:00 pm**

Hypertrophic cardiomyopathy

**Maully Shah, MBBS**

Director, Electrophysiology, Childrens Hospital of Philadelphia, Philadelphia, PA

**2:20 pm**

Acquired and congenital coronary artery abnormalities

**Ming-Lon Young, MD**

Director, Electrophysiology, Joe DiMaggio Childrens Hospital, Hollywood, FL

**2:40 pm**

Conditions associated with a dilated aortic root

**John Papagiannis, MD**

Director, Electrophysiology, Children's Mercy Hospital, Kansas City, MO

**3:00 pm**

Post-operative congenital heart disease

**Ronald Kanter, MD**

Director, Electrophysiology, Nicklaus Childrens Hospital, Miami, FL

**3:20 pm** Questions and Discussion (all speakers)

**3:35 pm** Break/Visit the exhibits

**4:00 pm**

Long QT syndrome

**Elizabeth Saarel, MD**

Ronald and Helen Ross Distinguished Chair, Pediatric Cardiology, Cleveland Clinic, Cleveland, OH

**4:20 pm**

Catecholaminergic polymorphic ventricular tachycardia

**Shubhayan Sanatani, MD**

Division Head, Pediatric Cardiology and Medical Director, BCCH Heart Centre, British Columbia Childrens Hospital, Vancouver, BC

"The molecular millennium has bestowed researchers with the essential tools to identify the underlying genetic substrates for thousands of genetic disorders."

David J. Tester



"I'm proud of my heart. It's been played, stabbed, cheated, burned, and broken, but somehow still works."  
Anonymous

\*Designates sessions during which attendees may choose to participate in the following alternative educational experience:

**Simulation station for the electrophysiologist**

**Friday, 2:00 PM - 5:35 PM**

**San Marco Island Room**

Harlie Ferguson,  
St. Jude Medical and Ambassador of IBHRE

- + Transseptal procedure
- + Ablation of cavotricuspid isthmus atrial flutter
- + Placement of left ventricular permanent leads via the cardiac venous system

Participation requires reservation, and up to 3 attendees may participate at a time, although there is a single work station. Attendees may sign up at the Registration Desk starting at 7:00 AM, Friday, February 19, 2016. Each session is individualized, and participants should plan a 30-60 minute experience.



7:00 am Continental Breakfast

Registration/sign-in and continental breakfast  
(2nd floor; Bayview ballroom)

**8:00 am**  
Welcome from Dr. Narendra Kini, CEO and President, Nicklaus Childrens Hospital, introduction by Dr. Anthony Rossi (3rd floor; Salon A-E)  
**Narendra Kini, MD**  
Chief Executive Officer, Miami Children's Health System  
Clinical Associate Professor of Pediatrics, Florida International University, Herbert Wertheim College of Medicine

Pick From Parallel Sessions Below

**Session 1** (3rd floor; Salon A-E)\*  
**Morbidities associated with recreation**  
Moderator: Dr. Anthony Rossi

**8:10 am**  
Discriminating the "athletes heart" from real disease by ECG and echocardiogram  
**Christopher Erickson, MD**  
Director, Electrophysiology and Pacing, Children's Hospital and Medical Center, University of Nebraska Medical Center and Creighton University Medical Center, Omaha, NE

**8:30 am**  
Morbidities in the ultra-athlete and marathoner  
**Shubhayan Sanatani, MD**  
Division Head, Pediatric Cardiology and Medical Director, BCCH Heart Centre, British Columbia Childrens Hospital, Vancouver, BC

**8:50 am**  
When there is concomitant use of illicit drugs: Cocaine, MDMA, marijuana, LSD  
**Peter Fischbach, MD**  
Chief Academic Officer, Children's Pediatric Cardiology Fellowship Program, Sibley Heart Center Cardiology and Emory University, Atlanta, GA

**9:10 am**  
Morbidities In athletes who use PEDs or stimulant drugs for ADHD  
**Steven Fishberger, MD**  
Electrophysiologist, Nicklaus Childrens Hospital, Miami, FL

**Session 2** (2nd fl; Watson Island Rm) \*  
**The nurse's role in ambulatory management of at-risk patients.**  
Moderator: Melissa Olen, ARNP

**8:10 am**  
Rhythm strip primer  
**Christine Chiu-Man, MSC**  
Team leader, Electrophysiology Division, The Hospital for Sick Children, Toronto, ON

**8:30 am**  
Pre-participation screening  
**Melissa Olen, ARNP**  
Electrophysiology Nurse Practitioner, Nicklaus Children's Hospital, Miami, FL

**8:50 am**  
Development of a home monitoring program for patients with cardiac rhythm management devices  
**Brynn Dechert-Crooks, CPNP**  
Electrophysiology Nurse Practitioner, C. S. Mott Childrens Hospital and the University of Michigan, Ann Arbor, MI

**9:10 am**  
Improving the quality of life for at risk youth  
**Debra Hanisch, CPNP**  
Electrophysiology Nurse Practitioner, Lucille Packard Children's Hospital Stanford, Palo Alto, CA

**9:30 am** Questions and Discussion (all speakers)

**9:30 am** Questions and Discussion (all speakers)

Parallel Sessions End

**9:45 am** Break/Visit the exhibits

**Plenary session III** (3rd floor; Salon A-E)  
**Prevention of sudden death: Juxtaposition with the legal system, the economy, and the public welfare**  
Moderator: Dr. Mitchell Cohen

*"Your assumptions are your windows on the world. Scrub them off every once in a while, or the light won't come in."*  
**Isaac Asimov**

**10:15 am**  
Keynote address: Medical and legal issues in the cardiovascular evaluation of competitive athletes, introduction by Dr. Mitchell Cohen  
**Timothy Paterick, MD, JD, MBA**  
Cardiologist and Professor of Medicine, University of Florida, Jacksonville, FL

**10:55 am** Questions and Discussion

**Debate: ECG screening should be part of the young teenager well-child exam**

**11:05 am**  
Pro : ECG screening SHOULD be part of the young teenager well-child exam  
**Frank Zimmerman, MD**  
Director, Electrophysiology, Hope Children's Hospital, Oak Lawn, IL

**11:20 am**  
Con : ECG screening SHOULD NOT be part of the young teenager well-child exam  
**Richard Friedman, MD, MBA**  
Professor of Pediatric Cardiology, Cohen Children's Medical Center and Long island Jewish School of Medicine, New Hyde Park, NY

**11:35 am** Questions and Discussion (Drs. Zimmerman & Friedman)

\*Designates sessions during which attendees may choose to participate in the following alternative educational experience:  
**Simulation station for the electrophysiologist**  
**Saturday, 8:10 AM - 9:45 AM**  
**San Marco Island Room**  
Harlie Ferguson, St. Jude Medical and Ambassador of IBHRE  
+ Transeptal procedure  
+ Ablation of cavotricuspid isthmus atrial flutter  
+ Placement of left ventricular permanent leads via the cardiac venous system  
Participation requires reservation, and up to 3 attendees may participate at a time, although there is a single work station. Attendees may sign up at the Registration Desk starting at 7:00 AM, Friday, February 19, 2016. Each session is individualized, and participants should plan a 30-60 minute experience.

"Never doubt that a small group of thoughtful committed citizens can change the world. Indeed, it is the only thing that ever has."

**Margaret Mead**

**11:45 am**

How to develop and execute a public health agenda:  
From grass roots to legislation

**Stuart Berger, MD**

Chief, Pediatric Cardiology, University of California Davis, Sacramento, CA

**12:10 pm**

Return to play: Who decides and where's the precedent?

**Michael Silka, MD**

Chief, Pediatric Cardiology, Children's Hospital of Los Angeles, Los Angeles, CA

**12:35 pm** Questions and Discussion (Drs. Berger and Silka)

**12:45 pm** Lunch & visit exhibits  
(2nd floor; Bayview ballroom)

**Plenary session IV** (3rd floor; Salon A-E) \*  
**Implantable cardioverter-defibrillators in the young and in athletes.**

Moderator: Dr. Bhavya Trivedi

**2:00 pm**

ICD implantation for primary and secondary prevention:  
Indications and outcomes

**Anjan Batra, MD**

Vice chair, Department of Pediatrics and Chief, Division of Pediatric Cardiology, University of California Irvine, Irvine, CA

**2:20 pm**

Technical aspects of implantation and programming according to disease entity

**Peter Fischbach, MD**

Chief Academic Officer, Children's Pediatric Cardiology Fellowship Program, Sibley Heart Center Cardiology and Emory University, Atlanta, GA

**2:40 pm**

Behavioral and emotional implications of ICDs in the young and in athletes

**Brynn Dechert-Crooks, CPNP**

Electrophysiology Nurse Practitioner, C. S. Mott Childrens Hospital and the University of Michigan, Ann Arbor, MI

**3:00 pm** Questions and discussion (all speakers)

**Debate: The athlete with an ICD should be permitted to return to non-collision sports**

**3:15 pm**

Pro: The athlete with an ICD SHOULD be permitted to return to non-collision sports

**Rachel Lampert, MD**

Electrophysiology and Arrhythmia Service, Department of Internal Medicine, Yale University, New Haven, CT

**3:30 pm**

Con : The athlete with an ICD SHOULD NOT be permitted to return to non-collision sports

**Ian Law, MD**

Director, Pediatric Electrophysiology, University of Iowa School of Medicine, Iowa City, IA

**3:45 pm** Questions and discussion

**4:00 pm**

Concluding remarks

**Ronald Kanter, MD**

Director, Electrophysiology  
Nicklaus Childrens Hospital, Miami, FL

"I think we are faced in medicine with the reality that we have to be willing to talk about our failures and think hard about them, even despite the malpractice system. I mean, there are things that we can do to make the system better."

**Atul Gawande**

\*Designates sessions during which attendees may choose to participate in the following alternative educational experience:

**Simulation station for the electrophysiologist**

**Saturday, 2:00 PM - 4:00 PM**

**San Marco Island Room**

Harlie Ferguson,  
St. Jude Medical and Ambassador of IBHRE

- + Transseptal procedure
- + Ablation of cavotricuspid isthmus atrial flutter
- + Placement of left ventricular permanent leads via the cardiac venous system

Participation requires reservation, and up to 3 attendees may participate at a time, although there is a single work station. Attendees may sign up at the Registration Desk starting at 7:00 AM, Friday, February 19, 2016. Each session is individualized, and participants should plan a 30-60 minute experience.



## Organizing Committee and Host Faculty Nicklaus Children's Hospital

### Yvette Alessi, BA

Program Coordinator

### Anjan Batra, MD

Vice Chair, Department of Pediatrics and Chief, Division of pediatric Cardiology  
University of California Irvine Irvine, CA

### Brent Cox, MSHA, MBA

Heart Program Service Line manager

### Steven Fishberger, MD

Electrophysiologist

### Beatriz Galan, BA

Director of Major Gifts

Miami Children's health Foundation

### Rani Gereige, MD

Director, Continuing Medical Educatio

### Mary E. Hickcox

CME Program Coordinator  
CHOC Children's Orange, CA

### Ronald Kanter, MD

Director, Electrophysiology

### Narendra Kini, MD

Chief Executive Officer,  
Miami Children's health System

### Flavia Llizo, BS

Executive Director, Major Gifts  
and Development

Miami Children's Health Foundation

### Melissa Olen, ARNP

Coordinator, CRMD Remote  
Monitoring Program

### Carmen Pages

Senior Marketing/Service Line  
Brand Coordinator

### Juan Rabionet, AA

Manager, Biomedical Photography

### Anthony Rossi, MD

Director, CICU

### Richard Simon

Heart Program Service Line Administrator

### Gil Wernovsky, MD

Medical Director, Patient and  
Family-Centered Care and Single  
Ventricle Program

## Meeting Registrant Fees & Information

### REGISTER ON LINE AT [www.nicklauschildrens.org/MiamiSCA](http://www.nicklauschildrens.org/MiamiSCA)

If unable to register on line, or to register multiple participants, contact the CME Department at Nicklaus Children's Hospital directly: [cme4mch@mch.com](mailto:cme4mch@mch.com) or 305-669-5873

**Physicians \$375** (\$425 if registering after February 5)

**Physicians in Training, Nurses & Allied Health Professionals \$275** (\$325 if registering after February 5)

Includes up to 13 Continuing Medical Education credits for Physicians, or up to 13 Continuing Education Units for Nurses

**Hotel Accommodations.** – Nicklaus Children's Hospital has reserved a block of guestrooms at the Marriott Biscayne Bay Hotel for the nights of February 18, 19 and 20 at the daily discounted rate of \$269 per night. The discounted rate is also available 3-days prior and 3-days post-dates dates above. "Come Early or Stay Late" at the same low rate, and enjoy all of what South Florida and the Marriott Biscayne Bay have to offer!!

To reserve a guestroom, please contact the hotel reservations office by one of the below methods no later than Friday, January 11, 2016. Please note: Reservations made after January 11, 2016 are subject to availability and rate changes without notice.

**Phone:** To speak with a Marriott Hotel Reservation Agent, please dial +1 305 374 3900 or toll free +1 800 228 9290. When calling please reference "MiamiSCA meeting" and Marriott Biscayne Bay, February 19-20, 2016.

**Hotel website:** To make a reservation online, please go to [bitly.com/wpwmeeting](http://bitly.com/wpwmeeting). Please use this special link for reservations specific to this meeting and do not book reservations through the general Marriott.com website. Check-in: 4:00 PM / Check-out: 12:00 PM

**Hotel Parking** - If using overnight valet parking, the rate is \$30.00 and self-parking is \$26.00. The expense for parking is not included in the registration fees.

**Ground Transportation** – all transportation arrangements to/from the meeting location are to be arranged and paid for by the participant and are not included in the registration fees.

**Travel reservations** – all travel reservations are to be arranged and paid for by the participant and are not included in the registration fees.

**Cancellation policy** – Nicklaus Children's Hospital reserves the right to cancel or postpone this program due to unforeseen circumstances. In the event of cancellation or postponement, Nicklaus Children's Hospital will refund registration fees but is not responsible for any related costs or charges assessed by airlines, hotels and travel agencies. Any cancellation made by the participant must be received in writing by February 11, 2016. Refunds will be issued for the amount of registration less a \$75 service charge.

**For any logistics questions, please contact Eric Pasternack from our meeting planning partner McVeigh Associates at +1 866 491 5818 or +1 631 789 8833, Monday-Friday 9:00 AM – 5:00 PM EDT.**

*"If you watch a game, it's fun. If you play it, it's recreation. If you work at it, it's golf."*

**Bob Hope**

*"People who cannot find time for recreation are obliged sooner or later to find time for illness."*

**John Wanamaker**



Nicklaus  
Children's  
Hospital

MIAMI CHILDREN'S HEALTH SYSTEM

**HeartProgram**