

The 36th Interpretation and Treatment of Cardiac Arrhythmia

# ARRHYTHMIA MANAGEMENT FOR THE CLINICIAN: A Practical Approach

Main Line Health

## Heart Center

Lankenau Hospital

Bryn Mawr Hospital

Paoli Hospital

Riddle Memorial Hospital

**APRIL 16 – 18, 2009**

Four Seasons Hotel  
Philadelphia, PA

In Co-sponsorship with



AMERICAN  
COLLEGE of  
CARDIOLOGY  
FOUNDATION

### PROGRAM DIRECTOR:

Peter R. Kowey, MD, FACC

### CO-DIRECTORS:

Dusan Z. Kocovic, MD

Steven A. Rothman, MD, FACC

# PROGRAM OVERVIEW

**C**ardiac arrhythmia is an extremely common problem in clinical practice and the field of cardiac arrhythmia management has evolved rapidly over the last several years. Unfortunately there is a fairly large gap between the state-of-the-art of arrhythmology in academic and tertiary care centers and what is actually practiced at the community hospital level.

The purpose of this program is to provide highly clinically relevant information to practicing physicians regarding the day-to-day management of patients with the most common forms of cardiac arrhythmia. There will be ample opportunity to interact with faculty who are not only experts in their field but who also participate in the routine management of patients with all forms of cardiac arrhythmia. We have selected several methods of interaction including an audience response system and workshops during which time participants will have ample opportunity to discuss topics and cases with the faculty. Our goal is to help physicians care for patients who have complex and simple cardiac rhythm abnormalities, and to better understand how these patients are managed before and after referral to a tertiary care center.

## OBJECTIVES

Upon completion of this program, attendees should be able to:

- Identify all common varieties of supraventricular tachycardia.
- Establish criteria for treatment of patients with supraventricular tachycardia with antiarrhythmic drugs and/or radiofrequency ablation.
- Recognize the epidemiology and clinical presentation of atrial fibrillation/flutter.
- Contrast pharmacologic versus non-pharmacological therapy of atrial fibrillation/flutter.
- Discuss the approach to arrhythmias in athletes.
- Distinguish the relative value of drugs and devices for prevention of recurrent ventricular tachycardia/ventricular fibrillation.
- Recognize the acquired and congenital forms of the long QT syndrome.
- Review pathophysiology and treatment of Conduction System Disease.
- Assess patients with loss of consciousness.
- Describe the best candidates for tilt table testing and subsequent guided treatment.

- Evaluate the relative value of surgery for cardiac arrhythmia.
- Integrate the indications for permanent cardiac pacing other than bradyarrhythmias, including congestive heart failure, cardiomyopathy, long QT syndrome and neurocardiogenic syncope.

## TARGET AUDIENCE

This program is intended for cardiologists, internists, cardiovascular anesthesiologists, electrophysiologists, fellows-in-training, primary care and family physicians, emergency care physicians, nurse practitioners and physician assistants.

## LOCATION

Bring your family to historical Philadelphia and discover famous gardens, splendid museums, and specialty shops. Among the many highlights are:

**Theatre/Dance** — Forrest Theatre, Merriam Theater, Wilma Theater, Kimmel Center, Academy of Music, Walnut Street Theater

**Museums** — Philadelphia Museum of Art, The Franklin Institute Science Museum & Planetarium, Please Touch Museum for Children, Brandywine River Museum

## Longwood Gardens

For more information, call 1-800-537-7676 or go to the website [www.gophila.com](http://www.gophila.com).

# PROGRAM

## ARRHYTHMIA MANAGEMENT FOR THE CLINICIAN: A PRACTICAL APPROACH

All sessions will be held at the Four Seasons Hotel, Philadelphia, PA. Meeting room locations will be provided on site. Meeting site telephone: (215) 963-1500.

### THURSDAY

**7:15 AM** Registration and Continental Breakfast

**7:45 AM** Introduction and Overview: Putting it in Perspective  
*Dr. Peter R. Kowey*

### Supraventricular Tachycardia/Atrial Fibrillation

**8:00 AM** Supraventricular Tachycardia:  
Classification and Clinical Aspects *Dr. Steven A. Rothman*

**8:30 AM** Acute and Chronic Pharmacologic Therapy of  
Supraventricular Tachycardia *Dr. Jeremy N. Ruskin*

**9:15 AM** Atrial Fibrillation: Electrical and Pharmacological Conversion  
*Dr. Steven A. Rothman*

**9:45 AM** Atrial Fibrillation: New and Emerging Antiarrhythmic Drugs  
*Dr. Peter R. Kowey*

**10:15 AM** **BREAK**

**10:45 AM** Overview of AF Ablation *Dr. Douglas L. Packer*

**11:30 AM** AF Ablation: New Imaging Methods, Energy Delivery,  
& Approaches  
*Dr. Francis D. Ferdinand*

**12:00 PM** **LUNCH**

**1:00 PM** Post-Operative AF *Dr. Peter R. Kowey*

**1:30 PM** Anticoagulants for AF: Old and New  
*Dr. Michael D. Ezekowitz*

**2:00 PM** Case Discussion/Workshop: SVT/AF  
**Moderator:** *Dr. Maribel Hernández*  
**Panel:** *Drs. Ezekowitz, Ferdinand, Kowey, Rothman, Ruskin*

**3:30 PM** **17th Annual Leonard Horowitz Memorial Lecture**  
State of the Pre- and Post-Mortem Genetic Testing for Sudden  
Death Predisposing Cardiomyopathies and Channelopathies  
*Dr. Michael J. Ackerman*

**4:45 PM** **ADJOURNMENT**

**5:00 PM** **RECEPTION**

# PROGRAM

## FRIDAY

**7:30 AM** Continental Breakfast

### **Ventricular Tachycardia/Ventricular Fibrillation/ Sudden Cardiac Death**

**8:00 AM** Primary Prevention of Sudden Death: Focus on CAD and CHF  
*Dr. Robert J. Myerburg*

**8:45 AM** Genetics of Cardiac Arrhythmias Including LQTS  
*Dr. Michael J. Ackerman*

**9:30 AM** Cardiac Toxicity of Non-Cardiac Drugs Including Acquired LQTS  
*Dr. Gan-Xin Yan*

**10:00 AM** Arrhythmias in Hypertrophic Cardiomyopathy, ARVD, and  
“Normal” Hearts  
*Dr. Robert J. Myerburg*

**10:30 AM** **BREAK**

**11:00 AM** Athlete Screening for Risk of SCD *Dr. Gerald V. Naccarelli*

**11:30 AM** Arrhythmias in Congenital Heart Disease  
*Dr. Martin J. O’Riordan*

**12:00 PM** **LUNCH**

**1:00 PM** Catheter Ablation of Ventricular Tachycardia  
*Dr. Dusan Z. Kocovic*

**1:30 PM** Surgical Treatment of Cardiac Arrhythmias  
*Dr. Scott M. Goldman*

**2:00 PM** Case Discussion/Workshop: VT/VF/SCD  
**Moderator:** *Drs. Esberg and Ferdinand*  
**Panel:** *Drs. Ackerman, Goldman, Kocovic, Myerburg,  
Naccarelli, O’Riordan, Yan*

**3:30 PM** **ADJOURNMENT**

## SATURDAY

**7:30 AM** Continental Breakfast

### **Pacemakers/Bradyarrhythmias**

**8:00 AM** Methods of Arrhythmia Detection *Dr. Kenneth A. Ellenbogen*

**8:30 AM** Obstacles to Appropriate Implantation and  
Use of Arrhythmia Devices *Dr. Gerald V. Naccarelli*

**9:00 AM** A Pacing Primer *Dr. Kenneth A. Ellenbogen*

**9:30 AM** Cardiac Resynchronization Therapy *Dr. Dusan Z. Kocovic*

**10:00 AM** **BREAK**

**10:30 AM** Case Discussion/Workshop: Pacemakers/Bradyarrhythmias  
**Moderator:** *Drs. Harper and Movsowitz*  
**Panel:** *Drs. Ellenbogen, Kowey, Kocovic, Naccarelli*

**12:00 PM** **ADJOURNMENT**

# FACULTY

## PROGRAM DIRECTOR

**Peter R. Kowey, MD, FACC**  
Lankenau Hospital  
Main Line Health Heart Center  
Wynnewood, PA

## CO-DIRECTORS

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**Robert J. Myerburg, MD, FACC**  
University of Miami School of Medicine, Miami, FL

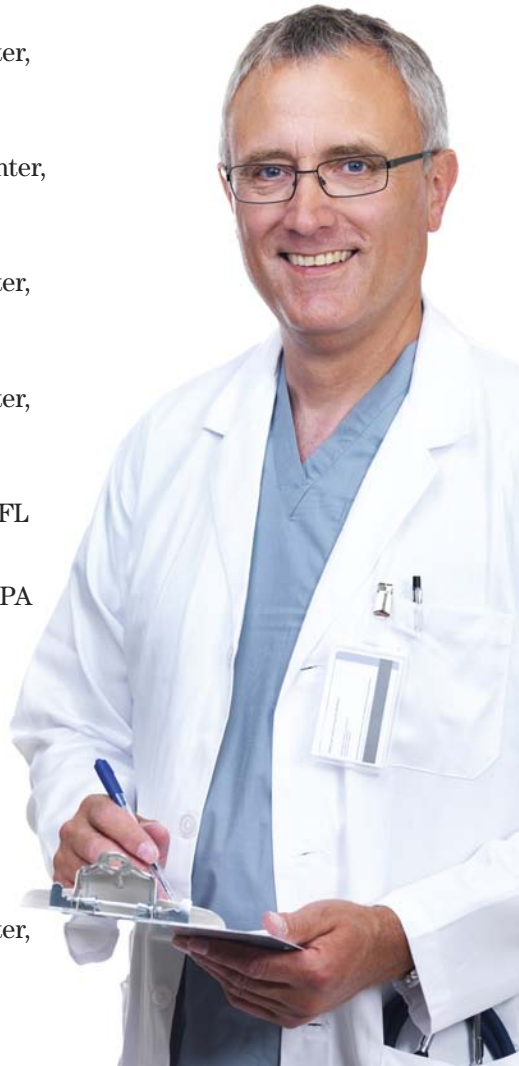
**Gerald V. Naccarelli, MD, FACC**  
The Milton S. Hershey Medical Center, Hershey, PA

**Martin J. O’Riordan, MD, FACC**  
Mercy Fitzgerald Hospital, Darby, PA

**Douglas L. Packer, MD, FACC**  
Mayo Clinic, Rochester, MN

**Jeremy N. Ruskin, MD, FACC**  
Massachusetts General Hospital, Boston, MA

**Gan-Xin Yan, MD, PhD, FACC**  
Lankenau Hospital, Main Line Health Heart Center,  
Wynnewood, PA



# INFORMATION

## FEE

Your registration fee will be confirmed by email. Registration fee includes continental breakfasts, breaks, lunches, and syllabus.

## CANCELLATIONS

Full refund will be given if you cancel in writing at least 30 days before the first day of the program. Full refund less a \$100 processing fee will be given if you cancel in writing at least 48 hours before the program begins. No refund will be given for no-shows.

In the unlikely event that the program is canceled, the Heart Center will refund the registration fee in full but is not responsible for any travel or hotel costs you may incur.

## ACCREDITATION

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Pennsylvania Medical Society and the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of Main Line Health and American College of Cardiology Foundation. Main Line Health is accredited by the Pennsylvania Medical Society to sponsor continuing medical education for physicians.

## DESIGNATION

Main Line Health designates this activity for a maximum of 17 credit(s) *AMA PRA Category 1 Credit(s)*<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the educational activity.

## CONFLICT OF INTEREST STATEMENT

Faculty and all others who have the ability to control the content of continuing medical education activities sponsored by Main Line Health are expected to disclose to the audience whether they do or do not have any real or apparent conflict(s) of interest or other relationships related to the content of their presentation(s).

## LODGING

To secure your room at the Four Seasons Hotel, please call 800-332-3442 or 215-963-1500 and state that you are attending the “Heart Center Arrhythmia Conference.” The room rate is \$260 single/double a night. The hotel room block is scheduled to be held until March 23, 2009, but may be sold out before this date. Therefore, we advise you to register for the program and reserve lodging as soon as possible. When you make your reservation, please be sure to ask about any additional fees, early departure fees, or cancellation penalties.

We encourage participation by all individuals. If you have a disability, advance notification of any special needs will help us better serve you.

Please note: the Four Seasons Hotel is a smoke-free facility.

## SPECIAL DIETARY REQUESTS

Individuals with special dietary requirements should request special meals — vegetarian, kosher, or fruit only — in advance of the program; otherwise, requests for special meals not ordered in advance may not be honored.

## FOR MORE INFORMATION

Visit [www.greatheartdoctors.com/afib](http://www.greatheartdoctors.com/afib) or call 610-645-8032.

# APPLICATION

## ARRHYTHMIA MANAGEMENT FOR THE CLINICIAN: A PRACTICAL APPROACH

\_\_\_\_\_  
Last Name (Please print clearly)

MD  DO  PhD  RN  Other (specify) \_\_\_\_\_

\_\_\_\_\_  
First Name Middle Initial

\_\_\_\_\_  
Address

\_\_\_\_\_  
City State Zip

( ) ( )

\_\_\_\_\_  
Office Telephone Office Fax email

What is your primary medical specialty? (Check **ONE**)

Adult Cardiology  Pediatric Cardiology  CV Surgery  
 Internal Medicine  Pharmacology  Radiology  
 Family/General  Other (specify) \_\_\_\_\_

Please check your tuition category. Early Tuition On-Site Tuition  
Payment Received: before March 23 after March 23

ACC Member  \$600  \$700  
Non-Member  \$675  \$775  
Reduced fees\*  \$400  \$500  
 Fellow-in-Training  Resident  Nurse  
 Physician Assistant  Technologist  Emeritus ACC Member

\*For a reduced fee, check your category above and enclose verification of your status from your Department Chair with your registration.

Payment must accompany application.

Check payable to Main Line Health Heart Center in U.S. dollars drawn on a U.S. bank.  
 MasterCard  VISA

\_\_\_\_\_  
Cardholder's Name

\_\_\_\_\_  
Card Number Expiration Date

If you need disability accommodations, please check here and advise us of your needs at least two weeks before the program.



Please use **ONE** of these methods to register:  
(Do NOT Mail if previously faxed or telephoned)

**Online registration:** [www.greatheartdoctors.com/afib](http://www.greatheartdoctors.com/afib)

**Mail application and payment to**

Main Line Health Heart Center  
558 Lankenau MOB East  
100 Lancaster Avenue, Wynnewood, PA 19096

**Telephone registration:** 1-866-225-5654

**Fax registration:** 610-896-0643