

# 2011 AF, VT, VF Summit

December 2-3  
Fairmont Hotel  
Chicago, IL

[afvtvfsummit.com](http://afvtvfsummit.com)

## Course directors

Jasbir Sra, MD  
Andrea Natale, MD  
David Wilber, MD  
Masood Akhtar, MD

*This activity is co-sponsored by  
Global Education Group and  
Heart Rhythm Society.*



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## Need, intended audience and scope of practice

This symposium is designed for electrophysiologists, electrophysiology fellows in training, cardiologists and others interested in cardiac arrhythmias. It is our intent to present the latest results of basic and clinical research, and information about ablation, imaging technologies and device therapies. The symposium will provide illustrated oral presentations, prerecorded "live" cases by national and international experts, as well as discussion of latest guidelines. It is designed to help foment changes in practice relative to arrhythmia management.

## Learning objectives

Following the symposium, participants will be able to:

- Describe and discuss the mechanisms of atrial fibrillation (AF), ventricular tachycardia (VT) and ventricular fibrillation (VF)
- Critically analyze current and future therapies, including ablation for AF, VT and VF
- Discuss the value of new technologies in arrhythmia management

## Accreditation

Global Education Group is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

## Credit designation

Global Education Group designates this live activity for a maximum of 18.0 *AMA PRA Category 1 Credits*.™ Physicians should claim only the credit commensurate with the extent of their participation in the activity.

For information about the accreditation of this program, please contact Global Education Group at 303-395-1782 or [inquire@globaleducationgroup.com](mailto:inquire@globaleducationgroup.com).

## Disclosure of conflicts of interest

Global Education Group (Global) requires instructors, planners, managers and other individuals who are in a position to control the content of this activity to disclose any real or apparent conflict of interest they may have as related to the content of this activity. All identified conflicts of interest are thoroughly vetted by Global for fair balance, scientific objectivity of studies mentioned in the materials or used as the basis for content, and appropriateness of patient care recommendations.

For a complete list of Aurora Health Care's continuing medical education courses, visit [Aurora.org/CMEactivities](http://Aurora.org/CMEactivities).

*Commercial funding pending and will be announced at the time of the course.*

## Questions

Please contact Laurel Landis at 414-219-7684 or visit [www.afvtvfsummit.com](http://www.afvtvfsummit.com) for more information.

*Aurora Health Care subscribes to the articles of Title III of the Americans with Disabilities Act of 1990. Should you or anyone accompanying you require special assistance, please notify us in advance so we can make sure you are accommodated.*

## Course directors

**Jasbir Sra, MD** • University of Wisconsin School of Medicine and Public Health, Aurora Health Care, Aurora Cardiovascular Services • Milwaukee, WI  
**Andrea Natale, MD** • Texas Cardiac Institute, St. David's Medical Center • Austin, TX  
**David Wilber, MD** • Loyola University Medical School • Chicago, IL  
**Masood Akhtar, MD** • University of Wisconsin School of Medicine and Public Health, Aurora Health Care, Aurora Cardiovascular Services • Milwaukee, WI

## Invited faculty

**Charles Antzelevitch, PhD** • Masonic Medical Research Laboratory • Utica, NY  
**Samuel Asirvatham, MD** • Mayo Clinic • Rochester, MN  
**Hugh Calkins, MD** • Johns Hopkins Hospital • Baltimore, MD  
**A. John Camm, MD** • St. George's Hospital Medical School • London, England  
**John DiMarco, MD** • University of Virginia • Charlottesville, VA  
**Kenneth Ellenbogen, MD** • Medical College of Virginia • Richmond, VA  
**Mélèze Hocini, MD** • Hôpital Cardiologique du Haut-Lévêque • Bordeaux (Pessac), France  
**Raymond E. Ideker, MD, PhD** • University of Alabama • Birmingham, AL  
**Warren M. Jackman, MD** • University of Oklahoma Health Sciences Center • Oklahoma City, OK  
**Arshad Jahangir, MD** • Aurora Health Care, Aurora Medical Group • Milwaukee, WI  
**Jose Jalife, MD** • University of Michigan • Ann Arbor, MI  
**David C. Kress, MD** • Aurora Health Care, Aurora Medical Group Cardiovascular and Thoracic Surgery • Milwaukee, WI  
**Samuel Levy, MD** • Hopital Nord Chemin Des Bourrellys • Marseille, France  
**Moussa Mansour, MD** • Massachusetts General Hospital • Boston, MA  
**Fred Morady, MD** • University of Michigan Hospital • Ann Arbor, MI  
**Arthur J. Moss, MD** • University of Rochester Medical Center • Rochester, NY  
**Imran Niazi, MD** • Aurora Health Care • Milwaukee, WI  
**Douglas L. Packer, MD** • Mayo Clinic • Rochester, MN  
**Richard Page, MD** • University of Wisconsin School of Medicine and Public Health • Madison, WI  
**Eric N. Prystowsky, MD** • The Care Group LLC • Indianapolis, IN  
**Vivek Y. Reddy, MD** • Mount Sinai Medical Center • New York, NY  
**Dan M. Roden, MD** • Vanderbilt University Medical Center, Oates Institute • Nashville, TN  
**Jeremy N. Ruskin, MD** • Massachusetts General Hospital • Boston, MA  
**Sanjeev Saksena, MD** • UMDNJ-Robert Wood Johnson Medical School • New Brunswick, NJ  
**Melvin Scheinman, MD** • University of California • San Francisco, CA  
**William Stevenson, MD** • Brigham and Women's Hospital • Boston, MA  
**Albert Waldo, MD** • University Hospitals of Cleveland, Cardiology • Cleveland, OH  
**Hein J. J. Wellens, MD** • University of Maastricht • Maastricht, Netherlands  
**Andrew L. Wit, PhD** • Columbia University • New York, NY  
**Seth Worley, MD** • The Heart Group • Lancaster, PA

# General information

**December 2-3, 2011**      **Fairmont Chicago, Millennium Park**  
**200 N. Columbus Drive**  
**Chicago, IL 60601**

## Room reservations

A block of rooms have been reserved at a special discount price at the Fairmont Chicago, Millennium Park. *Reserve early and identify yourself as a participant of the “arrhythmia symposium” to receive a special rate of \$195 plus tax (plus \$25 per each extra adult guest).* **Please book early!** Unsold rooms will be released to the public Thursday, Nov. 3; however, rooms may sell out prior to this date. To reserve a room, please call 800-526-2008 or go to fairmont.com/chicago.

## Chicago attractions

**Shopping:** From high-end retailers that target big spenders to discount merchandise for those who can’t resist a great sale, Chicago has it all. The Magnificent Mile offers hundreds of top retailers, including four separate shopping centers.

**Theater:** In Chicago’s theater scene, you’ll find everything from traveling Broadway mega-hits and experimental theatre to famous improvisational groups that display the wit and humor of the Second City.

**Dining:** With its widely diverse neighborhoods and strong love of food, Chicago has boundless opportunities for culinary adventures. Whether it’s Mandarin Chinese, classic French, deep-dish pizza or funky eclectic, Chicago has it all – including more Five Diamond restaurants than any other city in the nation. Whatever your taste, whatever your style, Chicago can serve it just the way you like it.

## Conference attire

To ensure your comfort at the conference, please bring a sweater or jacket to accommodate temperature variations. Conference rooms do not heat or cool quickly.

## Conference fees

The course fees of \$432 for physicians/industry (\$216/day) and \$200 (\$100/day) for all others covers the cost of tuition, materials, breaks, reception and lunches. *All course fees include a \$50 nonrefundable registration fee.* If registration is canceled up to 72 hours before the symposium, all but the \$50 registration fee will be refunded. Refunds will not be given after that time.

	<b>Friday, Dec. 3</b>	<b>Saturday, Dec. 4</b>	<b>Total course fee</b>
Physician/Industry	\$216	\$216	\$432
Fellows*	\$100	\$100	\$200
All others (RNs, NPs, MAs, technicians, etc.)	\$100	\$150	\$300

## Aurora Health Care fees

Aurora – Employed physicians	\$108	\$108	\$216
Aurora – All others	\$100	\$100	\$200

\*Fellows must bring a letter from training director to show proof of fellowship.

# Agenda

## AF, VT, VF Summit – Friday, December 2 Ventricular Tachycardia, Ventricular Fibrillation and Devices

7:00 a.m.	<b>Registration and continental breakfast</b>	
<b>Chair</b>	<b>Jasbir Sra, MD – Physiology and Mechanisms</b>	
7:20	Welcome and introduction to symposium	
7:30	Pathophysiology of VT in Structural Heart Disease	Andrew Wit, PhD
7:55	Cellular basis for Ventricular Arrhythmias	Michael Rosen, MD
8:20	Pharmacogenetics and Ventricular Arrhythmias	Dan Roden, MD
8:45	Brugada, Short QT Syndrome and J Waves	Charles Antzelevitch, PhD
9:10	VF: Mechanisms – Current Understanding	Ray Ideker, MD
9:35	Wide Complex Tachycardia – Differential Diagnosis	Masood Akhtar, MD
10:00	<i>Break</i>	

## **Chair**      **Masood Akhtar, MD – Clinical Syndromes, Proarrhythmia, SCD**

10:15	VT in the Setting of Prior MI	William Stevenson, MD
10:40	VT in the Setting of No Structural Heart Disease	Jeremy Ruskin, MD
11:05	VT in the Setting of Dilated Cardiomyopathy	David Wilber, MD
11:25	Pleomorphic VT Involving Purkinje System	Melvin Scheinman, MD
11:50	<i>Lunch</i>	

12:10 - 12:40 p.m.

*Featured lecture:*  
**Risk Stratification for Sudden Death – The Impossible Dream?**      Hein Wellens, MD

## **Chair**      **David Wilber – Interactive session: VT and PVC Case Presentations – Diagnosis and Ablation** *Panel: William Stevenson, MD, Masood Akhtar, MD, and Melvin Scheinman, MD*

1:00	Case of VT with Prior MI	William Stevenson, MD
1:15	Case of Epicardial VT in Dilated Cardiomyopathy	David Wilber, MD
1:30	Case of PVCs from Sinus of Valsalva and LV	Jeremy Ruskin, MD
1:45	Case of VT With Dilated Cardiomyopathy	Jasbir Sra, MD
2:00	Interactive discussion	
2:15	MADIT, ScDHeft and Other ICD Trials: A Critical Appraisal	Sanjeev Saxena, MD
2:40	<i>Break</i>	

## **Chair**      **Andrea Natale, MD – Device-based Therapy**

2:50	CRT: Current Understanding and Future Directions	Kenneth Ellenbogen, MD
3:15	CRT in Patients With No Heart Failure	Arthur Moss, MD
3:40	Interactive session: Case Presentations <i>Panel: Sanjeev Saxena, MD, Kenneth Ellenbogen, MD, and Arthur Moss, MD</i>	
4:05	Lead Placements in a Patient With Difficult CS Anatomy	Seth Worley, MD
4:05	Lead Placement in a Patient With No Access to the Subclavian Vein	Seth Worley, MD
4:20	A Patient with Wide QRS and CHF	Kenneth Ellenbogen, MD
4:35	A Patient with Wide QRS and No CHF	Arthur Moss, MD
4:50	Lead Placement Using Electrical Mapping	Imran Niazi, MD
5:05	Heart Rhythm Society – Current and Future Perspectives	Doug Packer, MD
5:30	<b>Adjourn</b>	
5:45	<b>Reception</b>	

## AF, VT, VF Summit – Saturday, December 3 Atrial Fibrillation

6:45 a.m.	<b>Registration and breakfast</b>	
<b>Chair</b>	<b>Jasbir Sra, MD – Emerging Concepts</b>	
7:10	Welcome and introduction to symposium	
7:15	Current Guidelines and AF Management	Samuel Levy, MD
7:40	New Insights Into Molecular Mechanisms of Remodeling in AF	Jose Jalife, MD
8:05	Autonomic Innervation of the LA and AF Initiation	Warren Jackman, MD
8:30	Atrial Remodeling and AF	Albert Waldo, MD
8:55	Aging, Genetics and AF	Arshad Jahangir, MD
9:20	Where is AF Therapy Heading?	Eric Prystowsky, MD
9:45	<i>Break</i>	

## **Chair**      **Andrea Natale, MD – AF Therapy**

10:00	Atrial Anatomy for the Electrophysiologist	Sam Asirvatham, MD
10:25	Newer Antiarrhythmic Drugs	Richard Page, MD
10:50	Antiarrhythmic Drug Therapy – Selecting the Appropriate Drug	John DiMarco, MD
11:15	PAF: Antral Ablation and Electrical Isolation of PVs	Fred Morady, MD
11:40	PAF: Targeting Non-PV sites – When and How	Andrea Natale, MD
12:05 p.m.	Ablation of Long-Lasting AF	Meleze Hocini, MD
12:30	<i>Lunch</i>	

12:50 - 1:20

*Featured lecture: Stroke Prevention in AF*      A. John Camm, MD

## **Chair**      **David Wilber, MD – Interactive discussion: Therapy and Trials Update**

1:30	Interactive session: AF/AFL/EGMs in AF Ablation <i>Panel: Jose Jaliffe, MD, and Warren Jackman, MD</i>	
1:30	CFAE: Definitions, Analysis and Relevance	Moussa Mansour, MD
1:50	Case Presentation: EGMs in a Patient With Persistent AF	Meleze Hocini, MD
2:00	Case Presentation: PAF and EGMs	Jasbir Sra, MD
2:10	Case Presentation: Atypical Flutter	Sam Asirvatham, MD
2:20	Case Presentation: Device and Ablation Therapy in Refractory AF Patient	Sanjeev Saxena, MD
2:30	Panel discussion	
2:45	Cryoballoon and Other Newer AF Ablation Technologies	Vivek Reddy, MD
3:10	Update on Clinical Trials in AF	Hugh Calkins, MD
3:35	Update: Surgical Techniques and Technologies in AF Ablation	David Kress, MD
4:00	<b>Adjourn</b>	

# Registration

## Online registration (preferred): [Aurora.org/AFVTVFSummit](http://Aurora.org/AFVTVFSummit)

### Confirmation

Online registrations will receive immediate confirmation. Mailed and faxed registrations will receive confirmation via email. If you do not receive confirmation, contact Laurel Landis at 414-219-7684 or laurel.landis@aurora.org.

Mail: Aurora Cardiovascular Services      Fax: 414-219-7676  
 Attn: Laurel Landis, Event Planner  
 960 N. 12th Street, Suite 400  
 Milwaukee, WI 53233

The below form may be duplicated for additional registrations. Please print clearly.  
*(Use this form for mail-in and fax registrations.)*

\_\_\_\_\_  
 Last name      Middle initial      First name

Academic degree (for credit):  MD    DO    NP    PA    RN    Other \_\_\_\_\_

\_\_\_\_\_  
 Preferred mailing address

\_\_\_\_\_  
 City      State      ZIP

\_\_\_\_\_  
 Phone      Fax

\_\_\_\_\_  
 Email (contact for confirmation, registration and future marketing)

\_\_\_\_\_  
 Employer      Employer contact (phone)

**Fee** \_\_\_\_\_ (Enter conference fee from general information panel.)

### Credit card information

Visa    MasterCard    Discover

\_\_\_\_\_  
 Card No.

\_\_\_\_\_  
 Cardholder’s name (print)      Exp. date

### Refunds

Course fees include a \$50 nonrefundable registration fee. Should you cancel your registration up to 72 hours before the symposium, all but the \$50 registration fee will be refunded. Refunds will not be given after that time.