

Electrophysiology in the West 2017: The Latest Advances in Arrhythmia Care

A Continuing Medical Education Conference presented by the Division
of Cardiovascular Medicine at the Stanford University School of Medicine.

December 9, 2017 • Sheraton Hotel, Palo Alto, CA

Sponsored by the
Stanford University
School of Medicine



Stanford | MEDICINE

Program (subject to change)

COURSE CO-DIRECTORS:

Paul J. Wang, MD

Professor of Medicine (Cardiovascular Medicine), by Courtesy, of Bioengineering
Stanford University Medical Center

Sanjiv Narayan, MD, PhD

Professor of Medicine (Cardiovascular Medicine)
Stanford University Medical Center

We have assembled an exceptional group of Stanford faculty and Guest presenters from a variety of organizations. For a complete faculty listing, please refer to our website at cme.stanford.edu/epwest

FACULTY DISCLOSURE

The Stanford University School of Medicine adheres to ACCME Criteria, Standards and Policies regarding industry support of continuing medical education. Disclosure of faculty and their commercial relationships will be made prior to the activity.

7:30-8:00AM **Breakfast**

Plenary Session

8:00-8:10 **Welcome & Introductions**

Paul J. Wang, MD, Sanjiv Narayan, MD, PhD

8:10-8:35 **Sudden Cardiac Death: Our Biggest Unresolved Challenge**

Paul J. Wang, MD

8:35-9:05 **Future of Atrial Fibrillation Management**

Sanjiv Narayan, MD, PhD

9:05-9:40 **Cognitive Function and Atrial Fibrillation**

T. Jared Bunch, MD

9:40-10:10 **Creating Improved Systems for Managing Atrial Fibrillation**

Mintu Turakhia, MD, MAS

10:10-10:25 **Break**

TRACK 1: SECOND ANNUAL CONFERENCE ON HUMAN CARDIAC FIBRILLATION

10:25-10:30 **Welcome and Opening Statements**

Sanjiv Narayan, MD, PhD

Part I. Basic Mechanisms for Cardiac Fibrillation

10:30-10:50 **Personalized Medicine for Fibrillation Tailored to Genetic Profiling**

Marco Perez, MD

10:50-11:10 **Electrical Remodeling in Atrial and Ventricular Fibrillation**

Nipavan Chiamvimonvat, MD

11:10-11:30 **Can Computational Models and Big Data Guide the Treatment of Fibrillation?**

Colleen Clancy, PhD

11:30-11:50 **Optogenetic Therapy in Cardiac Fibrillation: Treating the Heart with Light**

Oscar Abeliz, MD

11:50-12:10 **Panel Discussion**

12:10-1:00 **Lunch**

Part II. Translational Mechanisms for Cardiac Fibrillation

1:00-1:20 **Mechanisms of Human AF Revealed by Optical Mapping**

Vadim Fedorov, PhD

1:20-1:40 **Electrical Substrates in Brugada Syndrome and Other Complex Arrhythmias**

Subramanian Krishnan, MD

1:40-2:00 **Drug Discovery in a Dish: Using Personalized Stem Cells**

Mark Mercola, PhD

2:00-2:20 **Panel Discussion**

2:20-2:40 **Break**

Part III. Cutting Edge Therapy for Cardiac Fibrillation

2:40-3:00 **Role of Triggers Versus Substrate in Cardiac Fibrillation**

Nitish Badhwar, MD

3:00-3:20 **Differences in Mapping Methods, Ablation Outcomes Based On AF Rotors**

Sanjiv Narayan, MD, PhD

3:20-3:40 **Body Surface Mapping of Human Atrial Fibrillation to Guide Ablation**

Miguel Rodrigo Bort, PhD

3:40-4:00 **Surgical and Hybrid Approaches to Cardiac Fibrillation: Why Cut the Chest?**

Anson Lee, MD

4:00-4:10 **Panel Discussion**

4:10PM **Closing Comments and Adjourn**

Paul J. Wang, MD and Sanjiv Narayan, MD, PhD

TRACK 2: BREAKOUT SESSION - PRACTICAL ARRHYTHMIA MANAGEMENT THROUGH CASES

10:25-10:30 **Welcome**

Paul J. Wang, MD

10:30-10:50 **How I Manage Anticoagulation**

Chad Brodt, MD

10:50-11:10 **How I Manage AF with Medical Management: Tips and Pearls**

Mohan Viswanathan, MD

11:10-11:30 **Role of Surgery for Arrhythmia Treatment**

Anson Lee, MD

11:30-11:50 **How I Select Patients for Atrial Fibrillation Ablation: Cases**

Paul J. Wang, MD

11:50-12:10 **How I Manage Difficult SVTs**

Nitish Badhwar, MD

12:10-1:00 **Lunch**

1:00-1:20 **How I Manage PVCs**

Shirley Park, MD

1:20-1:40 **How I Manage Orthostatic Hypotension**

Safwan Jaradeh, MD

1:40-2:00 **How I Manage Postural Orthostatic Tachycardia Syndrome**

Karen Friday, MD

2:00-2:20 **How I Manage Recurrent VT or ICD Shocks**

Mohan Viswanathan, MD

2:20-2:40 **Arrhythmia Case Discussion: Faculty**

2:40-3:00 **Break**

3:00-3:20 **How I Manage Long QT Syndrome and Inherited Arrhythmia Disorders**

Marco Perez, MD

3:20-3:40 **How to Use Digital Health for Patient Management**

Mintu Turakhia, MD, MAS

3:40-4:00 **AF Prevention and Risk Modification**

Linda Ottoboni, RN, CNS, PhD

4:00-4:10 **Discussion**

4:10 PM **Closing Comments and Adjourn**

TRACK 3: BREAKOUT SESSION - ALLIED HEALTH PROFESSIONALS

10:25-10:30 **Welcome**

Angela Tsiperfal, RNP

10:30-10:50 **Mindfulness-Education Intervention in Patients with Paroxysmal AF**

Linda Ottoboni RN, CNS, PhD

10:50-11:20 **Antiarrhythmics for Non-EP Providers**

Colleen Bonnett, RN and Marcia Glassford, RN

11:20-11:45 **Atrial Fibrillation Management**

Theresa Regan, RN, Lori Henry NP

11:45-12:10 **Anticoagulation and Stroke Prevention:**

How to Choose the Right Anticoagulation Agent

Chelsea Simkins, RN, Josephine Collins RN

12:10-1:00 **Lunch**

1:00-1:25 **Inherited Arrhythmic Disorders**

Allysonne Smith, NP

1:25-1:50 **Common ECG Problems**

Aimee Lee, NP

1:50-2:15 **It's All About Timing: Pacemaker and ICD Basic Function**

James Robinson NP

2:15-2:30 **Break**

2:30-2:55 **Using Device Therapy to Manage Heart Failure Patients**

Christine Tacklind NP

2:55-3:20 **When Are Implantable Cardiac Devices Indicated?**

Marie Prevail NP, Neisha Fernandez NP

3:20-3:45 **Managing Arrhythmia Emergencies at the Bedside**

Angela Tsiperfal NP

3:45-4:10 **Closing Comments**

Angela Tsiperfal, NP

4:10 PM **Adjourn**



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Conference Information

STATEMENT OF NEED

This CME symposium is designed to fulfill the need in the practicing physician and allied professionals to increase their base of knowledge and improve their ability to effectively manage arrhythmias. This one-day symposium will discuss techniques to optimize outcomes of catheter ablation, device therapy, and medical therapy of patients with arrhythmias. In addition, the conference will involve in-depth discussions regarding new advances in the mechanisms of cardiac fibrillation. Expert faculty will deliver content by utilizing a variety of interactive formats to include lectures with question-and-answer sessions, videos, case presentations, debates, and panel discussions.

TARGET AUDIENCE

This regional conference is designed to meet the educational needs of:

- Physicians
- Pharmacists
- Cardiologists
- Family Practice
- Internal Medicine
- Primary Care
- Allied Health Professionals

LEARNING OBJECTIVES

At the conclusion of this activity, participants should be able to:

- Utilize clinical criteria to screen and refer patients who may benefit from catheter ablation of atrial fibrillation.
- Identify appropriate patients for catheter ablation
- Develop strategies to manage patients prior to catheter ablation based on current guidelines.
- Improve management of atrial fibrillation in your cardiac patients

ACCREDITATION

The Stanford University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

CREDIT DESIGNATION

The Stanford University School of Medicine designates this live activity for a maximum of **6.5 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity

The California Board of Registered Nursing recognizes that Continuing Medical Education (CME) is acceptable for meeting RN continuing education requirements as long as the course is certified for **AMA PRA Category 1 Credit™ (rn.ca.gov)**. Nurses will receive a Certificate of Participation following this activity that may be used for license renewal.

COMMERCIAL SUPPORT ACKNOWLEDGEMENT

This CME activity is supported in part by educational grants. A complete list of commercial supporters will be published in the course syllabus.

REGISTRATION

Registration fee includes course materials, certificate of participation, breakfast and lunch.

ATTENDEE TYPE	FEES	FEES
	Early Bird Rate	After 11/10/17
Physicians	\$250	\$325
Nurses and Allied Health Professionals	\$175	\$245

Register online with Visa or Master Card by visiting cme.stanford.edu/epwest. If you prefer to pay by check or need assistance, please call **(650) 497-8554** or email stanfordcme@stanford.edu. Be sure to register with an email address that you check frequently. Your email address is used for critical information, including registration confirmation, evaluation, and certificate.

CANCELLATION POLICY

Cancellations received in writing no less than 30 days before the course will be refunded, less a 20% administrative fee. No refunds will be made on cancellations received after that date. Please send cancellation requests to stanfordcme@stanford.edu.

Stanford University School of Medicine reserves the right to cancel this program; in the event of cancellation, course fees will be fully refunded.

CONFERENCE LOCATION

Sheraton Palo Alto Hotel

625 El Camino Real, Palo Alto, CA, 94301
Phone: (650)328-2800

HOTEL CONFERENCE PARKING

Valet parking \$23 Self-parking \$18

ACCOMMODATIONS

A block of rooms has been reserved at a reduced rate at the Sheraton Palo Alto for conference participants on a first-come, first-served basis and may sell out before November 17, 2017. After this date, reservations will be accepted on a space available basis and at regular resort rates.

ROOM TYPE (Fri, 12/8/17)	ROOM RATE
Run of House (Single/Double)	\$119 per night*
*Plus Taxes, California Tourism Fee, and Resort Fees per night.	

Room reservations should be made directly with the Sheraton Palo Alto Hotel and as early as possible. Please mention "EP in the West 2017" to receive the group rate. Please call the hotel directly at **1-800-325-3535** or email your room request to sheratonreservations@pahotel.com.

DIRECTIONS

For driving directions and maps to the Sheraton Palo Alto Hotel, please visit www.sheraton.com/paloalto.

CONTACT INFORMATION

For questions about the symposium, please contact **Yolanda Cervantes**, CME Conference Coordinator at **(650)724-9549** or ycervant@stanford.edu.

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Please register early – space is limited • Register online at cme.stanford.edu/epwest