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

Stanford University Medical Center

Professor of Medicine (Cardiovascular Medicine)
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 cm斯坦форд.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, PhD

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 Abellix, 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

4:10 PM 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 PCCs
Shirley Park, MD

1:20-1:40 How I Manage Postural Orthostatic Tachycardia Syndrome
Karen Frindlay, MD

1:40-2:00 How I Manage Recurrent VT or ICD Shocks
Mohan Viswanathan, MD

2:00-2:20 Atrial Fibrillation Case Discussion: Faculty Break

2:20-2:40 How I Manage Long QT Syndrome and Inherited Arrhythmia Disorders
Marco Perez, MD

3:00-3:20 How to Use Digital Health for Patient Management
Mintu Turakhia, MD, MAS

3:20-3:40 AF Prevention and Risk Modification
Linda Ottoboni, RN, CNS, PhD

3:40-4:10 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 Regani, 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 Tacknind 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 Tisperfal NP

3:45-4:10 Closing Comments
Angela Tisperfal, NP

4:10 PM Adjourn

Program (subject to change)
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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.

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