

Mayo School of Continuous Professional Development

# 5th Annual Heart Rhythm & ECG Course: A Case-Based Approach



### December 1-4, 2016

Fairmont Scottsdale Princess Scottsdale, AZ

#### **Course Directors**

Paul A. Friedman, M.D. Dan Sorajja, M.D. Komandoor Srivathsan, M.D.

# **REGISTER NOW!**

Registration and additional course information can be found on our NEW course website: <u>https://ce.mayo.edu/node/13814</u>



#### **COURSE DESCRIPTION**

This 4 half day course concentrates on general ECG understanding, guidelines on atrial fibrillation and CHF management. It is designed to allow health care professionals the opportunity to update their medical knowledge, enhance their clinical skills, and support their professional development through a dynamic curriculum. Attendees will realize important advances in the medical field and address educational needs and practice gaps. Through didactic lectures, case-study presentations, and audience interaction, this CME activity strives to develop and promote continuing medical education with the ultimate goal of enhancing patient care.

#### COURSE LEARNING OBJECTIVES

Upon conclusion of this program, participants should be able to:

- Identify common ECG patterns
- Analyze the benefits of and barriers to the appropriate use of new and emerging oral anticoagulant therapies
- Describe the current guidelines and new strategies for treatment of atrial fibrillation
- Discuss guidelines for ICD implantation
- Discuss simplified criteria for aberrancy or ventricular tachycardia
- Discuss early evaluation and acute management options for arrhythmias

Attendance at this Mayo Clinic course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.

#### **INTENDED AUDIENCE**

This course offers sessions for all levels of professionals and is intended for general internists, hospitalists, family practitioners, and allied health staff participating in cardiac services.

#### CREDIT

Mayo Clinic College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Mayo Clinic College of Medicine designates this live activity for a maximum of 25 AMA PRA Category 1 *Credits*<sup>TM</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

#### AMA Credit Breakdown

General Session Total: 19.0 Workshops: 6.0

#### AOA

This program has been accredited by the American Osteopathic Association for 25 credits of AOA Category 2-A.

#### **Other Health Care Professionals**

A certificate of attendance will be provided to other health care professionals for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.

#### **GRANTS AND EXHIBITS**

At the time of this printing, a complete listing of commercial supporters (financial or in-kind) was not available. Appropriate acknowledgment will be given to all supporters at the time of the meeting.

Exhibits will be available for viewing at all scheduled breaks.

#### DATE AND LOCATION

The 5<sup>Th</sup> Annual Heart Rhythm & ECG Course: A Case Based Approach is held December 1-4, 2016. Course headquarters are located at the Fairmont Scottsdale Princess, Scottsdale, AZ.

#### REGISTRATION

To register, visit <u>https://ce.mayo.</u> <u>edu/node/13814</u> The registration fee includes tuition, electronic course syllabus, continental breakfasts and break refreshments. Although it is not Mayo School of Continuous Professional Development (CPD) policy to limit the number of registrants for a course, conference room facilities may necessitate closing of enrollment; therefore, early registration is advised. A letter of confirmation will be sent upon receipt of payment and completed registration form.



#### **REGISTRATION FEES**

Physician/Scientists	\$700
Residents, Retirees, PAs and NPs	\$550
Optional Afternoon Sessions	
Thursday Session	\$75
Friday Session	\$75
Saturday Session	

#### **CANCELLATION POLICY**

If you cancel your participation in this course, your registration fee, less a \$75 administrative fee, will be refunded when written notification is received by Mayo School of CPD on or before November 17, 2016 at <u>cme-jax@mayo.edu</u>. No refunds will be made after November 17, 2016. Canceled registrations are nontransferable.

Mayo School of CPD reserves the right to cancel or postpone any course due to unforeseen circumstances. In the unlikely event Mayo School of CPD must cancel or postpone this course, Mayo School of CPD will refund the registration fee, but is not responsible for any related costs, charges, or expenses to participants, including fees assessed by airline/travel/lodging agencies.

For additional information, contact: Mayo School of Continuous Professional Development E-mail: <u>cme-jax@mayo.edu</u> Phone: 800-462-9633



#### TRAVEL AND LODGING ACCOMODATIONS Fairmont Scottsdale Princess 7575 E Princess Drive

Scottsdale, AZ 85255 800-344-4758

The Fairmont Scottsdale Princess has reserved a limited block of luxurious guest rooms for attendees at a special group rate of \$229 (USD), single, double, triple and quad occupancy, per night. Group rates will apply three days prior to and three days following the course dates, based upon availability. To make a reservation, call 800-344-4758 or book online https://resweb.passkey.com/go/ mayoclinicheartrhythm

Let the Fairmont Scottsdale Princess be your gateway to everything Scottsdale has to offer. Minutes away from shopping centers and just a short drive from Sedona, the Grand Canyon and the bustling cultural center home to the Phoenix Open, Spring Training baseball, five Major League sports teams, Arabian horse shows and more. From art walks and culinary festivals to hot air ballooning and jeep tours, spend your next vacation in style at the Fairmont Scottsdale Princess.

You may also wish to view <u>www.experiencescottsdale.com</u> for recreation and leisure activities.

Mayo School of CPD is not responsible for expenses incurred by an individual who is not confirmed and for whom space is not available at the meeting. Costs incurred by the registrant such as airline or hotel fees or penalties are the responsibility of the registrant.

#### FACULTY - Mayo Faculty

Wells J. Askew, III, M.D. | Jane L. Bazzell, | Staci E. Beamer, M.D. | Paul S. Bibby, R.N. Krishnaswamy Chandrasekaran M.D. | Youg Mei Cha, M.D. | Robert D. Fisher, R.N. Paul A. Friedman, M.D. | Stephen C. Hammill, M.D. |Fred Kusumoto, M.D. Christopher McLeod, M.B., Ch.B, Ph.D. | Siva K. Mulpuru, M.D. | Thomas M. Munger, M.D. Linda J. Schwartz, R.N. | Luis R. Scott, M.D. Win-Kuang Shen, M.D. | Dan Sorajja, M.D. Komandoor Srivathsan, M.D.

#### **Guest Faculty**

*John M. Miller, M.D., FACC, FAHA, FHRS* Clinical Cardiac Electrophysiology, Cardiology Indiana University Health Indianapolis, IN

David D. Spragg, M.D. Director, Electrophysiology Laboratory Johns Hopkins Bayview Medical Center Baltimore, MD

# Program Agenda

# Thursday, December 1, 2016 - Special ECG Reading Course

6:45 a.m.	Registration and Continental Breakfast
7:15	Welcome and Introduction - Komandoor Srivathsan, M.D.
7:30	Bundle Branch Blocks - Komandoor Srivathsan, M.D.
7:55	SVT Basics and Differential Diagnosis - Stephen Hammill, M.D.
8:20	Aberrancy or Ventricular Tachycardia. Improved Diagnostic Certainty - Dan Sorajja, M.D.
8:45	Localizing VT; Outlow Tract versus Apical/ Epicardial versus Endocardial - <i>Paul Friedman, M.D.</i>
9:10	Questions and Interact with Speakers
9:30	Break
10:00	AV Node versus His Purkinje Disease - Stephen Hamill, M.D.
10:25	Chamber Abnormalities and Diagnostic Changes - Luis Scott, M.D.
10:50	A Flutter, Pre-excited Atrial Fibrillation and Torsade - Win-Kuang Shen, M.D.
11:15	Metabolic Changes, Ion Channel Problems and Unusual Problems <i>Siva Mulpuru, M.D.</i>
11:40	Stress ECG Changes: when is it diagnostic? - Wells Askew, M.D.
12:15 p.m.	Q&A
12:30	Adjourn
1:00 - 3:00	<b>Optional ECG Workshop - Additional Fee Required - Lunch provided</b> <i>Stephen Hammill, M.D.; Win-Kuang Shen, M.D.;</i> <i>Komandoor Srivathsan, M.D.; Siva Mulpuru, M.D. and Dan Sorajja, M.D.</i> Presenter: <i>Komandoor Srivathsan, M.D.</i> Difficult ECGs, How did we interpret? (Live interactive session)
3:00 p.m.	Adjourn

# Friday, December 2, 2016 - Atrial Fibrillation

6:45 a.m.	Continental Breakfast
7:00	Early Bird Special Session - A Review of Interesting ECG's <i>Komandoor Srivathsan, M.D.</i>
	Moderator: David Spragg, M.D. and Komandoor Srivathsan, M.D.
7:30	Atrial Fibrillation: Sleep Apnea and Risk Factor Changes A Case Review - <i>Paul Friedman, M.D.</i>
7:55	Rate Control Options, Medications and AV Nodal Ablation: Does strict rate control matter? - <i>Win-Kuang Shen</i> , <i>M.D.</i>
8:20	Guideline Directed Medications for Maintaining Sinus Rhythm <i>David Spragg, M.D.</i>
8:45	Optimal Cases for Ablation? Komandoor Srivathsan, M.D.
9:10	Stroke in Atrial Fibrillation - Guidelines for Anticoagulation <i>Christopher McLeod, M.B., Ch.B, Ph.D</i>
9:35	Panel Discussion
10:00	Break
10:30	Thoracoscopic Mini Maze: Should it be performed after one failed percutaneous ablation? - <i>Staci Beamer, M.D.</i>
10:55	Atrial Fibrillation – Debates <b>Moderator:</b> <i>Steve Hammill, M.D.</i> Anticoagulation: Coumadin is the best if TTRs are great Pro: <i>Fred Kusomoto, M.D.</i> Con: Newer anticoagulants are better than Coumadin - David Spragg, M.D.
11:30	Ablation Should be First Line Therapy - Pro: <i>David Spragg, M.D.</i> Con: Ablation Should Only be Performed if Medications Fail <i>Dan Sorajja, M.D.</i>
Noon	Atrial fibrillation with Recurrent Bleeding: Control bleeding source or close appendage? - <i>Tom Munger, M.D.</i>
12:30 p.m.	Adjourn
1:00 - 3:00	<b>Optional Intracardiac Electrogram Workshop - Additional Fee Required</b> <b>Lunch provided</b> Yong Mei Cha, M.D., Komandoor Srivathsan, M.D., Dan Sorajja, M.D., Siva Mulpuru, M.D. and Christopher McLeod, M.B., Ch.B, Ph.D (Live interactive session)
3:00 p.m.	Adjourn

# Saturday, December 3, 2016

6:45 a.m.	Continental Breakfast
7:00	Bonus Special Session - Utility of Echocardiogram in Heart Rhythm
	Disorders - Krishnaswamy Chandrasekaran, M.D.
	Moderator: Paul Friedman M.D.
7:30	Implantable Defibrillator Primary Prevention of Sudden Death: What do the guidelines say? - <i>Yong Mei Cha, M.D.</i>
7:55	Sudden Death in the Young-Evaluation - John Miller, M.D.
8:20	Incessant VT: How did I manage? A case review - Fred Kusomoto, M.D.
8:50	PVCs and Cardiomyopathy - A case review - Win-Kuang Shen, M.D.
9:15	Panel Discussion
9:30	Break
10:00	Channelopathies: What should a generalist know?
	Komandoor Srivathsan, M.D.
10:25	Verapamil Sensitive VT - John Miller, M.D.
10:50	Preemptive VT Ablation Improves Outcome in Patients with Structural
	Heart Disease - Paul Friedman, M.D.
11:20	Primary Ventricular Fibrillation - Win-Kuang Shen, M.D.
11:45	Case Based Workshop:
	Moderator: Dan Sorajja, M.D.; John Miller, M.D.
	Panelists: Win-Kuang Shen, M.D.; Paul Friedman, M.D.
	First Case: Hemodynamically Unstable VT: Luis Scott, M.D.
	Second Case: Electrical Storm: Siva Mulpuru, M.D.
12:30 p.m.	Adjourn
1:00 - 3:00	Optional Case Based Intracardiac Electrogram Workshop - Additional
	Fee Required - Lunch provided
	Panelists: Yong Mei Cha, M.D., Siva Mulpuru, M.D., Luis Scott, M.D., Christopher McLeod, M.B., Ch.B, Ph.D and Dan Sorajja, M.D.
	Presenters: <i>Linda Schwartz, R.N., Jane Bazzell, R.N., Robert Fisher, R.N. and Paul Bibby, R.N.</i> (Live interactive session)
3:00 p.m.	Adjourn

# Sunday, December 4, 2016

6:45 a.m.	Continental Breakfast
7:00	Early Bird Special Session: Learning from the 12-lead ECG
	Win-Kuang Shen, M.D.
	Moderator: Komandoor Srivathsan, M.D.
7:30	POTS and Inappropriate sinus Tachycardia Cases: How did I manage?
	Win-Kuang Shen, M.D.
7:55	Anticoagulation Management in Patients Undergoing Procedures with Warfarin and NOACs - Dan Sorajja, M.D.
8:20	Exertional Syncope of the Young (<40 Yrs. of age) Case review - <i>Luis Scott, M.D.</i>
8:45	Event Recorder, Holter or Implantable Loop Recorder: Case examples of which should one choose? - <i>Dan Sorajja</i> , <i>M.D.</i>
9:10	Panel Discussion
9:30	Break
10:00	Sudden Death in HCM and Screening - Tom Munger, M.D.
10:20	Heart Failure and Biventricular Devices: What is the data? <i>Yong Mei Cha, M.D.</i>
10:50	Remote Monitoring helped these Patients in Heart Failure – Case review <i>Jane Bazzell</i> , <i>R.N.</i>
11:15	SVT and Atrial Flutter in CHF Patients - Case review
	Christopher McLeod, M.B., Ch.B, Ph.D.
11:40	Leadless Pacing - Paul Friedman, M.D.
Noon	Q&A
12:10 p.m.	Closing Remarks - Adjourn

Program agenda subject to change without notice.

MAYO 4500 San Pablo Road CLINIC Jacksonville, Florida 32224 Mayo School of Continuous Professional Development 6th Annual Heart Rhythm & ECG Course: A Case-Based Approach



# SAVE THE DATE

November 30-December 3, 2017 Fairmont Scottsdale Princess Scottsdale, AZ

# FACULTY DISCLOSURE

Development) must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course activity are required to disclose all relevant financial relationships with any commercial interest related to the subject director(s), planning committee, faculty, and all others who are in a position to control the content of this educational disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. As a provider accredited by ACCME, Mayo Clinic College of Medicine (Mayo School of Continuous Professional matter of the educational activity. Safeguards against commercial bias have been put in place. Faculty also will Disclosure of this information will be published in course materials so those participants in the activity may formulate their own judgments regarding the presentation.

NATIONAL PHYSICIAN PAYMENT TRANSPARENCY PROGRAM

Mayo Clinic College of Medicine complies with the requirements of the National Physician Payment Transparency <sup>2</sup>rogram OPEN PAYMENTS (Physician Payments Sunshine Act).

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