

Mayo Clinic 8th Annual Heart Rhythm & ECG Course: A Case based approach

December 5 - 8, 2019

Thursday, December 5, 2019

ECG Reading Course

6:50 a.m.	Registration and Continental Breakfast
7:15	Welcome and Introduction (Pre-test questions) Komandoor Srivathsan, MD
7:30	Bundle Branch Blocks Stephen Hammill, MD
7: 55	SVT Basics and Differential Diagnosis Win-Kuang Shen, MD
8:20	Aberrancy or Ventricular Tachycardia: Improved diagnostic certainty Dan Sorajja, MD
8:45	Localizing VT: Outflow tract vs apical/ epicardial vs endocardial Komandoor Srivathsan, MD
9:10	Q&A
9:30	Break
10:00	AV Node vs His-Purkinje Disease Stephen Hammill, MD
10:25	Chamber Abnormalities and Diagnostic Changes Zachary Goldberger, MD
10:50	A flutter, Pre-excited Atrial Fibrillation Stephen Hammill, MD
11:15	Metabolic Changes, Ion Channel Problems and Unusual Problems Zachary Goldberger, MD
11:40	When is Stress EKG not Good Enough? Thomas Behrenbeck, MD, PhD
12:15	Q&A and post test
12:30	Adjourn
1:00 – 3:00	Optional Additional ECG Workshop (lunch provided to optional attendees) Stephen Hammill, MD; Win-Kuang Shen, MD; Dan Sorajja, MD; Zachary Goldberger, MD; Komandoor Srivathsan, MD Presenter: Stephen Hammill, MD Code ECGs with Stephen Hammill, MD (useful for Cardiology board examination) (Live interactive session)
5:00 – 7:00	Reception

Atrial Fibrillation

Moderator: John Miller, MD

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| 7:00 a.m. | Continental Breakfast |
| 7:15 | Pre-test |
| 7:30 | Atrial Fibrillation: Sleep apnea and risk factor changes – A case review
John Miller, MD |
| 7:55 | Rate Control Options: Medications and AV nodal ablation - Does strict rate control matter?
Win-Kuang Shen, MD |
| 8:20 | Guideline Directed Medications for Maintaining Sinus Rhythm
John Miller, MD |
| 8:45 | Optimal Cases for Ablation
Komandoor Srivathsan, MD |
| 9:10 | Stroke in Atrial Fibrillation – Recent guidelines changes for Anticoagulation
Fred Kusumoto, MD |
| 9:35 | Panel Discussion |
| 10:00 | Break |
| 10:30 | Asymptomatic Device Detected Atrial Fibrillation
Dan Sorajja, MD |
| 10:55 | Atrial Fibrillation – Debates
Moderator: Stephen Hammill, MD
Pro: CABANA is a positive trial
Fred Kusumoto, MD
Con: CABANA is a neutral trial showing equipoise
John Miller, MD |
| 11:30 | Post PCI Anticoagulation
Win-Kuang Shen, MD |
| 11:55 | Post-Operative Atrial Fibrillation
Fred Kusumoto, MD |
| 12:20 | PACs and No sustained Atrial Tachycardia
Win-Kuang Shen, MD |
| 12:45 | Reversal of Bleeding Episodes with NOACs
Dan Sorajja, MD |
| 1:10 | Panel Discussion and Post test |
| 1:20 | Adjourn |
| 1:30 – 3:00 | Optional workshop: Challenging ECGs (lunch provided to optional attendees)
Presenter(s): Stephen Hammill, MD; John Miller, MD; and Komandoor Srivathsan, MD
Panel: Zachary Goldberger, MD, and Win-Kuang Shen, MD |

Saturday, December 7, 2019

6:50 a.m.	Continental Breakfast
6:45	Early Bird Special Session Review of Interesting ECGs Komandoor Srivathsan, MD
7:15	Pre-test Ventricular Arrhythmias Moderator: John Miller, MD
7:30	Implantable Defibrillator Primary Prevention of Sudden Death: What do the guidelines say? Fred Kusumoto, MD
7:55	Sudden Death in the Young - Evaluation Tom Munger, MD
8:20	Hospital Management of Wide QRS Tachycardia John Miller, MD
8:50	PVCs and Cardiomyopathy: A case review Win-Kuang Shen, MD
9:15	Panel Discussion
9:30	Break
10:00	Channelopathies: What should a generalist know? Komandoor Srivathsan, MD
10:25	Wearable Defibrillator Dan Sorajja, MD
10:50	Pacemaker and MRI Win-Kuang Shen, MD
11:20	Basic Pacemaker/ICD Trouble Shooting in the ED Linda Schwartz, RN Clinical Questions (10 minute sessions)
11:45	Post Intracranial Bleed; When to start Anticoagulation? Fred Kusumoto, MD
11:55	Anticoagulation after GI Bleed Dan Sorajja, MD
12:05	Post Ablation ER Visits Thomas Munger, MD
12:15	Athletes and Worrisome Arrhythmia Win-Kuang Shen, MD
12:45	PM Panel Discussion (post-test)
1:00	Adjourn

Sunday, December 8, 2019

6:50 a.m.	Continental Breakfast
7:00	Early Bird Special Session: Learning from the 12-lead ECG Win-Kuang Shen, MD Moderator: Komandoor Srivathsan, MD
7:30	POTS and Inappropriate Sinus Tachycardia Cases: How did I manage? Win-Kuang Shen, MD
7:55	Anticoagulation Management in Patients Undergoing Procedures with Warfarin and NOACs Dan Sorajja, MD
8:20	Acute Illness in Hospital and related Arrhythmia Zachary Goldberger, MD
8:45	Event Recorder, Holter or Implantable Loop Recorder: Case examples of which should one choose? Dan Sorajja, MD
9:10	Panel Discussion
9:30	Break
10:00	Sudden Death in HCM and Screening Thomas Munger, MD
10:25	Heart Failure and Biventricular Devices: What is the data? Fred Kusumoto, MD
10:50	Remote Monitoring Helped These Patients- Review of cases Paul Bibby, RN
11:15	SVT and Atrial Flutter in CHF Patients - Case reviews Komandoor Srivathsan, MD
11:40	Q&A
12:00	Adjourn