

Mayo Clinic 7th Annual Heart Rhythm & ECG Course: A Case based approach

December 6 - 9, 2018

Thursday, December 6, 2018

ECG Reading Course

6:50 a.m.	Registration and Continental Breakfast
7:15	Welcome and Introduction 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 Siva Mulpuru, MD
10:50	A flutter, Pre-excited Atrial Fibrillation, and Torsade Stephen Hammill, MD
11:15	Metabolic Changes, Ion Channel Problems and Unusual Problems Luis Scott, MD
11:40	Stress ECG Change: When is it diagnostic? Komandoor Srivathsan, MD
12:15	Q&A
12:30	Lunch on your own
1:00 – 3:00	Optional Additional ECG Workshop Lunch provided to optional registrants Stephen Hammill, MD; Win-Kuang Shen, MD; Siva Mulpuru, MD; Dan Sorajja MD; Komandoor Srivathsan, MD Presenter: Stephen Hammill, MD Code ECGs with Stephen Hammill, MD (useful for Cardiology board examination) (Live interactive session)

Atrial Fibrillation

Moderator: John Miller, MD

- 7:30 a.m. 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 - Guidelines for Anticoagulation
Fred Kusomoto, MD
- 9:35 Panel Discussion
- 10:00 Break
- 10:30 Thoracoscopic LV lead Placement before AV Nodal Ablation: if CS lead cannot be placed?
Dawn Jaroszewski, MD
- 10:55 Atrial Fibrillation – Debates
Moderator: Stephen Hammill, MD
- Pro: Anticoagulation: Coumadin is the best if TTRs are great
Fred Kusumoto, MD
- Con: Newer anticoagulants are better than Coumadin
Dan Sorajja, MD
- 11:30 Pro: Ablation should be first line therapy
Win-Kuang Shen, MD
- Con: Ablation should only be performed if medications fail
John Miller, MD
- 12:00 Watchman device debate
- Pro: WATCHMAN device is useful and should continue to be used
Thomas Munger, MD
- Con: Should not be used
Komandoor Srivathsan, MD
- 12:30 Reversal of bleeding episodes with NOACs
Dan Sorajja, MD
- Lunch on your own
- 1:00 – 3:00** **Optional workshop: Challenging ECGs** (lunch provided to optional attendees)
Presenter(s): Stephen Hammill, MD, and Komandoor Srivathsan, MD
Panel: Siva Mulpuru, MD, and Dan Sorajja, MD

Saturday, December 8, 2018

- 6:50 a.m. Continental Breakfast
- 7:00 Early Bird Special Session
Review of Interesting ECGs
Komandoor Srivathsan, MD
- Ventricular Arrhythmias**
Moderator: Kenneth Ellenbogen, MD
- 7:30 Implantable Defibrillator Primary Prevention of Sudden Death: What do the guidelines say?
Kenneth Ellenbogen, MD
- 7:55 Sudden Death in the Young - evaluation
John Miller, MD
- 8:20 Incessant VT: How did I manage? A Case review
Fred Kusomoto, 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
Kenneth Ellenbogen, MD
- 11:50 Case Based Workshop:
Moderator: Dan Sorajja MD, and Win-Kuang Shen, MD
- First Case:** Monomorphic VT, 10 years following inferior MI in 65 yr. old male: How did I manage with subsequent clinical course?
Second case: 28 year old male with syncope and Outflow tract VT; how did I manage with subsequent course?
Siva Mulpuru, MD
- 12:30 Lunch on your own
- 1:00 – 3:00 Optional Intracardiac Electrogram Case Based Workshop (20 minutes each)**
- Panelists: Drs.Siva Mulpuru, MD; Luis Scott, MD; McLeod and Dan Sorajja, MD, Linda Schwartz
- Presenters: Dr K Srivathsan, Robert Fisher and Paul Bibby

Sunday, December 9, 2018

- 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 Exertional Syncope of the Young (<40 Yrs of age) - Case review
Luis Scott, 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?
Siva Mulpuru, MD
- 10:50 Remote Monitoring helped these Patients in Heart Failure - Review of cases
Linda Schwartz
- 11:15 SVT and Atrial Flutter in CHF Patients
Case reviews
Komandoor Srivathsan, MD
- 11:40 Closing Remarks