

# Challenges in Cardiac Dysrhythmias 2023

March 21 – 25, 2023

Wifi:

## Tuesday, March 21, 2023 *(Optional – must pre-register; no additional charge)*

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5:00 p.m.      **Introduction to Basic ECG Interpretation**  
*Komandoor Srivathsan, M.D.*

6:00 p.m.      **Adjourn**

## Wednesday, March 22, 2023

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6:45 a.m.      **Registration, Continental Breakfast, and Exhibits**

7:10 a.m.      **Livestream Attendee Logon**

7:15 a.m.      **Welcome Announcements and Pre-Test**  
*Komandoor Srivathsan, M.D.*

### ECG Reading Course

**MODERATOR:**      *Komandoor Srivathsan, M.D.*

7:30 a.m.      **Bundle Branch Blocks - Recognition, Significance, and Prognosis:**  
**Why so much Importance to LBBB in Comparison to RBBB? Case Examples**  
*Komandoor Srivathsan, M.D.*

7:55 a.m.      **All SVTs Just Need Adenosine? Why Differential Diagnosis Matters: Case Examples**  
*Win-Kuang Shen, M.D.*

8:20 a.m.      **Three Case Examples of VT vs Aberrancy: Where Following Criteria Helped (or didn't?)**  
*Fred Kusumoto, M.D.*

8:45 a.m.      **Monomorphic VT in Ischemic Heart Disease is Different from Normal Hearts: Case Examples**  
*Thomas M. Munger, M.D.*

9:10 a.m.      **Panel Discussion**  
*Komandoor Srivathsan, M.D., Win-Kuang Shen, M.D., Fred Kusumoto, M.D., and Thomas M. Munger, M.D.*

9:30 a.m.      **Break and Exhibits (15 Min. - Additional Faculty Interaction/15 Min. Break)**

10:00 a.m.      **Bradycardia: Sinus node, AV Node, or His-Purkinje Disease: Case Examples**  
*Thomas M. Munger, M.D.*

10:25 a.m.      **LVH vs HCM vs Cardiac Amyloidosis: Case Examples**  
*Win-Kuang Shen, M.D.*

10:50 a.m.	<b>All Atrial Flutters are not the Same: Case Examples</b> <i>Fred Kusumoto, M.D.</i>
11:15 a.m.	<b>Break and Exhibits</b>
11:30 a.m.	<b>Metabolic Changes, Ion Channel Problems and Unusual Problems: Three Case Scenarios</b> <i>Fred Kusumoto, M.D.</i>
11:55 a.m.	<b>Stress ECG And Duke Treadmill Score Prognostication: Case Examples</b> <i>Thomas G. Allison, Ph.D., M.P.H.</i>
12:30 p.m.	<b>Artificial Intelligence and ECG Reading; Is it hype or has real value? Case Examples</b> <i>Komandoor Srivathsan, M.D.</i>
12:45 p.m.	<b>Panel Discussion and Post-Test</b> <i>Thomas Allison, Ph.D., M.P.H., Fred Kusumoto, M.D, Komandoor Srivathsan, M.D.</i>
1:00 p.m.	<b>Adjourn</b>

1:15 p.m.	<b>Livestream Workshop Login</b>
1:30 p.m.	<b>ECG Workshop for Basic ECG Reading</b> <i>(lunch provided to onsite attendees)</i> <i>(Focus will be on depolarization and repolarization abnormalities)</i> <b>Presenter:</b> <i>Fred Kusumoto, M.D.</i>  <b>Panel:</b> <i>Win-Kuang Shen, M.D.</i> <i>Win-Kuang Shen, M.D. and Komandoor Srivathsan, M.D.</i>
3:30 p.m.	<b>Adjourn</b>

## Thursday, March 23, 2023

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6:45 a.m.	<b>Continental Breakfast and Exhibits</b>
7:10 a.m.	<b>Livestream Attendee Logon</b>
7:15 a.m.	<b>Announcements and Pre-Test</b>

### Atrial Fibrillation

**MODERATOR:** *Fred Kusumoto, M.D.*

7:30 a.m.	<b>Can risk of Atrial Fibrillation be modified? Sleep Apnea, Alcohol, and more A Case Review</b> <i>John M. Miller, M.D.</i>
7:55 a.m.	<b>Rate Control Options: Medications and AV Nodal Ablation - Hospital vs Outpatient Practice: Case Examples</b> <i>Win-Kuang Shen, M.D.</i>

8:20 a.m.	<b>Guideline Directed Medications for Maintaining Sinus Rhythm: Choice is Dependent on Underlying Disease:</b> <b>Case Examples</b> <i>Win-Kuang Shen, M.D.</i>
8:45 a.m.	<b>Atrial Fibrillation Ablation: Early Better than Late?</b> <b>Case Examples</b> <i>Malini Madhavan, M.B.B.S. (via Zoom-pre-recorded)</i>
9:10 a.m.	<b>Future Risk of Stroke in Atrial Fibrillation: Which Crystal Ball to Use?</b> <i>Fred Kusumoto, M.D.</i>
9:35 a.m.	<b>Panel Discussion</b> <i>John Miller, M.D., Win-Kuang Shen, M.D., Malini Madhavan, M.B.B.S., and Fred Kusumoto, M.D.</i>
10:00 a.m.	<b>Break and Exhibits</b> <b>(15 Min. - Additional Faculty Interaction/15 Min. Break)</b>
10:30 a.m.	<b>Pacemaker Detected Atrial Fibrillation: Do I Have to Worry Only When the Episode greater than 24 Hours? Case Examples</b> <i>Thomas M. Munger, M.D.</i>
10:55 a.m.	<b>Atrial Fibrillation - Debates</b> <b>Moderator: Komandoor Srivathsan, M.D.</b>  <b>Pro: Atrial Fibrillation Should be Ablated Early in its Course</b> <i>Win-Kuang Shen, M.D.</i>  <b>Con: Ablation Should Only be Performed for Refractory Cases</b> <i>John Miller, M.D.</i>
11:25 a.m.	<b>Anticoagulation in Special Circumstances: PCI, Brain Bleed, Surgery, and More:</b> <b>Case Examples</b> <i>Malini Madhavan, M.B.B.S. (Via Zoom – pre-recorded)</i>
11:50 a.m.	<b>Who is a Watchman Candidate and Why?</b> <i>Fred Kusumoto, M.D.</i>
12:15 p.m.	<b>Break and Exhibits</b>
12:30 p.m.	<b>Reversal of Bleeding Episodes with NOACs: Why Andexanet Alpha is not Approved by Most Hospitals</b> <i>Komandoor Srivathsan, M.D.</i>
12:55 p.m.	<b>Panel Discussion and Post-Test</b> <i>Win-Kuang Shen, M.D., Fred Kusumoto, M.D., and Thomas M. Munger, M.D.</i>
1:00 p.m.	<b>Adjourn</b>
1:45 p.m.	<b>Livestream Workshop Login</b>
2:00 p.m.	<b>Challenging ECGs</b> <i>(lunch provided to onsite attendees)</i> <i>(Focus will be on arrhythmias)</i> <b>Presenter: Komandoor Srivathsan, M.D.</b>  <b>Panel: Thomas M. Munger, M.D, Win-Kuang Shen, M.D.; and John M. Miller, M.D.</b>

[Live/Virtual Interactive Session]

4:00 p.m. **Adjourn**

## Friday, March 24, 2023

6:30 a.m. **Continental Breakfast and Exhibits**

6:55 a.m. **Livestream Attendee Logon**

7:00 a.m. **Early Bird Special Session:  
Learning from the 12-lead ECG**  
*Fred Kusumoto M.D.*

### Arrhythmias in Other Conditions

**MODERATOR:** *Fred Kusumoto M.D.*

7:15 a.m. **Announcements and Pre-Test**

7:30 a.m. **POTS and Inappropriate Sinus Tachycardia Cases: How Did I Manage?**  
*Win-Kuang Shen, M.D.*

7:55 a.m. **Post-Operative Atrial Fibrillation: Role of  
Amiodarone and Pre-Procedure Loading, and Follow-up**  
*Malini Madhavan, M.B.B.S.*

8:20 a.m. **Acute Illness in Hospital and Related Arrhythmia Cases**  
*Thomas M. Munger, M.D.*

8:45 a.m. **Syncope and Palpitations: Event Recorder, Holter or Implantable Loop Recorder: Choosing**  
*Andrew S. Tseng, M.D.*

9:10 a.m. **Panel Discussion**  
*Thomas M. Munger, M.D., Win-Kuang Shen, M.D., Malini Madhavan, M.B.B.S., and Andrew S. Tseng, M.D.*

9:30 a.m. **Break and Exhibits (15 Min. - Additional Faculty Interaction/15 Min. Break)**

10:00 a.m. **Nonsustained Ventricular Tachycardia and Premature Ventricular Contractions in Heart Failure:  
Should I worry?**  
*Malini Madhavan, M.B.B.S.*

10:25 a.m. **Heart Failure; Biventricular Pacemaker or Conduction  
System Pacemaker; What does the Data Show?**  
*Freddy Del-Carpio Munoz, M.D.*

10:50 a.m. **Remote Monitoring Helped These Patients with Heart Failure:**  
*Linda Jean Nazworth, R.N.*

11:15 a.m. **SVT and Atrial Flutter in CHF Patients: Case Reviews**  
*Komandoor Srivathsan, M.D.*

- 11:40 a.m.      **Cardiac Contractility Modulation: Is There a Role?**  
*Fred Kusumoto, M.D.*
- 12:00 p.m.      **Panel Discussion and Post-Test**  
*Malini Madhavan, M.B.B.S., Komandoor Srivathsan, M.D., Freddy Del-Carpio Munoz, M.D., and Linda Jean Nazworth, R.N.*
- 12:15 p.m.      **Adjourn**

## Saturday, March 25, 2023

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- 6:30 a.m.      **Continental Breakfast and Exhibits**
- 6:40 a.m.      **Livestream Attendee Logon**
- 6:45 a.m.      **Early Bird Special Session:  
Review of Interesting ECGs**  
*Komandoor Srivathsan, M.D.*
- 7:15 a.m.      **Announcements and Pre-Test**

### Ventricular Arrhythmias

**MODERATOR:**      *John M. Miller, M.D.*

- 7:30 a.m.      **Implantable Defibrillator for Primary Prevention of Sudden Death: When Not to Implant Them after Careful Discussion**  
*Fred Kusumoto, M.D.*
- 7:55 a.m.      **Sudden Death in a Young Family Member: What Investigations Among Relatives?**  
*Andrew S. Tseng, M.D.*
- 8:20 a.m.      **Sudden Death in HCM; and is Screening with MRI Critical in Evaluation?**  
*Win-Kuang Shen, M.D.*
- 8:50 a.m.      **What if Initial Management Fails in VT Therapy? What Else can be Done before Ablation?**  
*Freddy Del-Carpio Munoz, M.D.*
- 9:15 a.m.      **Panel Discussion**  
*Fred Kusumoto, M.D., Freddy Del-Carpio Munoz, M.D., Andrew S. Tseng, M.D., and Win-Kuang Shen, M.D.*
- 9:30 a.m.      **Break and Exhibits**  
*(15 Min. - Additional Faculty Interaction/15 Min. Break)*
- 10:00 a.m.      **VT Ablation**  
*John Miller, M.D.*
- 10:25 a.m.      **Wearable Defibrillator: Who Shout get a VEST?**  
*Srivathsan Komandoor, M.D.*
- 10:50 a.m.      **Pacemaker/ICD Trouble Shooting in the ED: Three Case Scenarios**  
*Linda Jean Nazworth, R.N.*

- 11:15 a.m.      **Panel Discussion**  
*Linda Jean Nazworth, R.N., Thomas M. Munger, M.D., Komandoor Srivathsan, M.D, and John Miller, M.D.*
- 11:25 a.m.      **Closing Remarks and Post Test**  
*Komandoor Srivathsan, M.D.*
- 11:35 a.m.      **Adjourn**