MORNING SESSIONS
7:45-8:00 am: Welcome and Introduction; Audience Response System and Pre-Test
David Benditt, MD, UMMC

First Morning Session: Moderator: David Dunbar, MD; M Health Fairview, HealthEast
8:00-8:20 am: Annual ECG Tutorial: Differentiating Mobitz1 and Mobitz2 Block and Their Variations and Clinical Implications.
Scott Sakaguchi, MD, UMP-UMMC

8:20-8:40 am: Management of Congenital AV Block: What is it, What Causes it, and When to Pace?
Daniel Cortez (Univ of Minnesota Children’s Hospital)

8:40-9:00 am: How best to use genetic testing for better understanding and managing arrhythmia risk?
Sarah Kreykes MS, CGC (UMMC)

9:00-9:20 am: Energy Drinks- What do they Contain and are they Safe for Our Patients?
Neeraj Sathnur MD (VAMC and UMMC)

9:20-9:45 am: CASE STUDIES 1-4: Moderator: David Dunbar, MD, M Health Fairview-HealthEast
Panelists: Cortez, Sakaguchi, Sathnur, P. Somasundaram

9:45-10:10 am BREAK – Visit Exhibits

Second Morning Session: Moderator: P Somasundaram MD (St Lukes Hospital, Duluth)
10:00-10:20 am: Stroke Prevention in Complex Atrial Fibrillation Cases: Elderly Patients, Renal Dysfunction, Bleeding Disorders.
Balaji Krishnan MD (Health Partners, St Louis Park)

10:20-10:40 am: CASTLE and CABANA? What do they Teach Us?
Omer Iqbal, MD (Hennepin County Medical Center)

10:40-11:00 am: Improving Stroke Prediction in Patients with Atrial Fibrillation
Lin Yee Chen MD (UMP and UMMC)

11:00-11:20 am: Ablating Cardiac Nerves for Atrial Fib and Vasovagal Syncope: The Next Horizon?
Darshan Krishnappa, MD (UMMC and VAMC)

11:20-12:00 pm CASE STUDIES 5-9: Moderator: P Somasundaram MD (St Lukes Hospital, Duluth)
Panelists: LY Chen, O Iqbal, B Krishnan, D Krishnappa

12:00–1:00 pm LUNCH – Q&A: Visit Exhibits – Door Prizes
AFTERNOON SESSIONS

First Afternoon Session: **Moderator:** Venkat Tholakanahalli MD (VAMC Minneapolis)

1:00-1:20 pm: Can We Do MR Scans Safely in Non-Conditional Devices? What is a Reasonable Hospital Protocol?  
Lisa von Wald RN CNP

1:20-1:40 pm: Arrhythmogenic Cardiomyopathy in 2020: The Role of Cardiac Magnetic Resonance Imaging  
Chetan Shenoy MBBS (UMP and UMMC)

1:40-2:00 pm: Screening Athletes for Competitive High School and College Sport: Why so Controversial?  
Jane Chen MD (UMP and UMMC)

2:00-2:20 pm: Left Bundle Branch Block (LBBB) - Recognition and Adverse Hemodynamic Impact?  
Maria Anderson MD (UMMC and VAMC)

2:20-3:00 pm: *CASE STUDIES 10-13*: Moderator: Venkat Tholakanahalli MD  
Panelists: M. Anderson, J. Chen, D. Krishnappa

3:00-3:20 pm **BREAK – Visit Exhibits**

Second Afternoon Session: **Moderator:** Rehan Karim MD (HCMC, Minneapolis)

3:20–3:40 pm: A “Danish Controversy”: Were the Findings as Advertised? Are ICDs for Everyone?  
Selcuk Adabag MD (Minneapolis VAMC)

3:40-4:00 pm: PVC ablation: What are the Indications and Is it Beneficial?  
Venkat Tholakanahalli MD (VAMC Minneapolis)

4:00-4:20 pm: VT Storm: What Are the Triggers and What To Do?  
Henri Roukoz MD

4:00-4:50 pm: *CASE STUDIES 14-18*: Moderator: Rehan Karim MD (HCMC)  
Panelist: S. Adabag, H. Roukoz, D. Krishnappa

4:50 pm: **Closing Remarks, Door Prizes**  
David G. Benditt, MD,

Visit [z.umn.edu/CardiacArrhythmias](z.umn.edu/CardiacArrhythmias) for full conference information.