**Minneapolis Heart Institute Foundation® Cardiovascular Grand Rounds**

**Title:** Cardiac Contractility Modulation  
**Speaker(s):** Michael Samara, MD  
Cardiologist  
Minneapolis Heart Institute® at Abbott Northwestern Hospital  
**Date:** December 16, 2019  
**Time:** 7:00 – 8:00 AM  
**Location:** Minneapolis Heart Institute Building, Suite 100, Learning Center

**OBJECTIVES**  
At the completion of this activity, the participants should be able to:  
1. Understand the role of deranged intracellular calcium handling and autonomic function on the pathophysiology of heart failure.  
2. Identify the beneficial acute and long-term physiologic effects that CCM elicits.  
3. Interpret the clinical data supporting the use of CCM in patients with systolic heart failure.

**DISCLOSURE POLICY & STATEMENTS**  
Allina Health, Learning & Development intends to provide balance, independence, objectivity and scientific rigor in all of its sponsored educational activities. All speakers and planning committee members participating in sponsored activities and their spouse/partner are required to disclose to the activity audience any real or apparent conflict(s) of interest related to the content of this conference.

The ACCME defines a commercial interest as “any entity” producing, marketing, re-selling, or distributing health care goods or services consumed by, or used on, patients. The ACCME does not consider providers of clinical service directly to patients to be commercial interests - unless the provider of clinical service is owned, or controlled by, an ACCME-defined commercial interest.

**Moderator(s)/Speaker(s)**  
Dr. Michael Samara has disclosed that he DOES NOT have any real or apparent conflicts with any commercial interest as it relates to presenting the content in this activity/course.

**Planning Committee**  
Dr. Alex Campbell, Jake Cohen, Jane Fox, Dr. Kevin Harris, Dr. Kasia Hryniewicz, Rebecca Lindberg, Amy McMeans, Dr. Michael Miedema, Dr. JoEllyn Moore, Pamela Morley, Dr. Scott Sharkey, Maia Hendel and Jolene Bell Makowesky have disclosed that they DO NOT have any real or apparent conflicts with any commercial interest as it relates to the planning of this activity/course. Dr. Mario Gössl has disclosed the following relationships -Grant/Research Support: Edwards Life Sciences; Consultant: Abbott Vascular, Caisson; Speaker’s Bureau: Edwards Lifesciences. Dr. David Hurrell has disclosed the following relationship -Chair, Clinical Events Committee: Boston Scientific. Dr. João Cavalcante has disclosed the following relationships -Grant/Research Support: Boston Scientific, Medtronic, Abbott Vascular, Circle Cardiovascular Imaging, Siemens Healthineers; Consultant: Boston Scientific, Medtronic; Speaker's Bureau: Medtronic, Siemens Healthineers; Honoraria: Medtronic, Siemens Healthineers.
Non-Endorsement of Commercial Products and/or Services

We would like to thank the following company for exhibiting at our activity.

- Akcea Therapeutics
- Janssen Pharmaceutical Companies of Johnson & Johnson

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