

*5<sup>th</sup> Annual Current Issues in Coronary and Structural Heart Disease:  
A Multidisciplinary Approach  
Friday, May 17, 2019*

**Dorrance H. Hamilton Building**  
**1001 Locust Street, Philadelphia, PA 19107**  
(on the Center City campus of Thomas Jefferson University)

**Learning Objectives**

At the conclusion of this conference, participants should be able to:

- Assess the viability of "damaged" heart muscle in individuals with left ventricular dysfunction (LVD).
- Describe the medical treatment options in patients with LVD and develop criteria to identify patients who would benefit most from surgical revascularization.
- Recognize the etiology, assessment measures, and optimal medical treatment options essential to improving outcomes for the heart failure patient.
- Identify the causes and risk factors of chest pain atypical of atherosclerotic disease.
- Interpret cardiac cath findings to determine the cause of chest pain in the absence of significant coronary obstructions.
- Recommend optimal management strategies for patients with atypical coronary risk factors.
- Compare the risks and benefits associated with TAVR in the low risk patient with aortic stenosis to the standard surgical approach.
- Identify the risk assessment for patients with aortic stenosis and develop strategies to implement them into routine practice.
- Analyze the impact of comorbidity and frailty to clinical outcomes.
- Recognize how collection of routinely collected data is vital and will help to optimize risk prediction models to personalize care.
- Determine how such risk models can be used for benchmarking purposes for quality development.
- Examine the risks and complications associated with percutaneous coronary intervention (PCI) in patients with cardiogenic shock.
- Identify the mechanisms of cardiogenic shock in the setting of STEMI and develop strategies to improve patient outcomes.
- Describe the importance of pre-hospital cooling in the patient with a cardiac arrest.
- Develop criteria to identify patients who should be provided a Life-Vest upon discharge from the hospital.
- Recognize the role of cardiac rehabilitation as it relates to long-term survival.
- Summarize the recent developments in dual and triple therapy.
- Evaluate the applications, implications, and outcomes of these new treatments.
- Critically examine the role of aspirin in dual and triple therapy and its impact on patient outcomes.

- Review and critique the current treatment therapies for patients with multi-valvular disease.
- Examine the indications for each procedure and the care involved as transcatheter procedures become more prevalent.
- Examine aspirin and fish oil use in managing coronary artery disease (CAD) in the at-risk patient.
- Review the assessment of patients concerning treatment with cholesterol lowering therapies and identify therapeutic options appropriate for these patients.
- Develop assessment and management strategies for patients with CAD in need of a kidney transplant.
- Assess their individual practice in light of the information and discussions during the course, and identify specific strategies to implement as part of a continuing improvement process for their practices.