

Stanford's Cardiovascular Surgery and Medicine Symposium

May 8th & 9th, 2015

The Ritz-Carlton, Half Moon Bay
Half Moon Bay, CA



**STANFORD'S 3RD ANNUAL
TRANSCATHETER
HEART VALVE SUMMIT**

May 8, 2015

**STANFORD'S 2ND ANNUAL
MECHANICAL CIRCULATORY
SUPPORT: STATE OF THE ART**

May 9, 2015

Presented by the Departments of Cardiovascular Medicine and Cardiothoracic Surgery at
Stanford University School of Medicine and Stanford Health Care

Sponsored by the Stanford University School of Medicine



Stanford
MEDICINE

STANFORD'S 3RD ANNUAL TRANSCATHETER HEART VALVE SUMMIT – May 8, 2015 – 8:00 am to 3:00 pm

COURSE OVERVIEW

STATEMENT OF NEED

To fully evaluate and treat patients with transcatheter aortic valve replacement versus traditional open chest surgery, physicians should understand the progression of aortic stenosis, be up to date with the latest innovative treatments, and appropriately assess the limitations and benefits of both procedures in high risk patients. This conference is designed to educate physicians on all of these subjects.

TARGET AUDIENCE

This national conference is intended to meet the specialty and subspecialty needs of interventional cardiologists, cardiothoracic surgeons, cardiologists, nurse practitioners, and related allied health professionals.

LEARNING OBJECTIVES

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

- Evaluate the natural history and rate of progression of aortic stenosis in the elderly
- Develop strategies to determine appropriate patients for aortic valve replacement
- Provide treatment recommendations and/or referral resources for patients with severe symptomatic aortic stenosis
- Assess the limitations of surgical AVR in high risk patients
- Develop screening procedures using selection criteria for patients suitable for transcatheter placement of aortic valves and develop inclusions and exclusions for treatment
- Develop strategies to address ethical issues that may affect treatment options of high risk patients
- Identify the indications for the Mitral Clip procedure and refer as indicated

ACCREDITATION

The Stanford University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

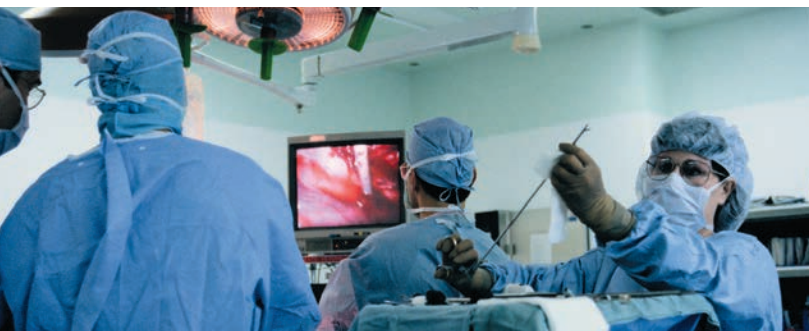
CREDIT DESIGNATION

Stanford University School of Medicine designates this live activity for a maximum of 6.0 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The California Board of Registered Nursing recognizes that Continuing Medical Education (CME) is acceptable for meeting RN continuing education requirements, as long as the course is certified for *AMA PRA Category 1 Credit(s)*[™] (rn.ca.gov). Nurses will receive a Certificate of Attendance following this activity that may be used for license renewal.

PROGRAM (subject to change)

7:30-8:00 am	Registration
8:00-8:05 am	Welcome
	CURRENT STATUS OF TAVR
8:05-8:30 am	Live/Taped Case with Panel Discussion William F. Fearon, MD and Michael Fischbein, MD, PhD
8:30-8:45 am	Review and Update Edwards Sapien Data William F. Fearon, MD
8:45-9:00 am	Review and Update Medtronic Corevalve Data John Giacomini, MD
9:00-9:15 am	Which Patient Benefits Most From TAVR? Alan C. Yeung, MD
9:15-9:30 am	Echo Considerations Pre-TAVR David H. Liang, MD, PhD
9:30-9:45 am	CT Evaluation Pre-TAVR Dominik Fleischmann, MD
9:45-10:00 am	From Behind the Curtain: Anesthetic Considerations Charles Hill, MD
10:00-10:15 am	Break
	CURRENT ISSUES WITH TAVR
10:15-10:30 am	Perivalvular Leak: What Does It Mean And How Do We Deal With It? Rajesh Dash, MD, PhD
10:30-10:45 am	Stroke After TAVR: A Non-Issue? D. Craig Miller, MD
	<i>Pro-Con Debate</i>
10:45-10:55 am	Balloon-Expandable Valves Are the Superior Valve Type! Michael Fischbein, MD, PhD
10:55-11:05 am	Balloon-Expandable Valves Will Be Dinosaurs; Self-Expanding Valves Rule! John Giacomini, MD
11:05-11:15 am	Panel Discussion
	WHAT'S NEXT WITH TAVR
11:15-11:30 am	TVT Registry And Other Real World Experience Michael Fischbein, MD, PhD
11:30-11:45 am	Future Valves: Smaller Systems, Repositionable, Less Perivalvular Leak? Alan C. Yeung, MD
	<i>Pro-Con Debate</i>
11:45-11:55 am	TAVR Should Be Expanded To Low Risk Patients! William F. Fearon, MD
11:55-12:05 pm	Whoaaa, Let's Not Get Carried Away, SAVR Remains the Gold Standard! D. Craig Miller, MD
12:05-12:15 pm	Panel Discussion
12:15-1:00 pm	Lunch
	ENOUGH TAVR! LET'S TALK MITRAL
1:00-1:15 pm	Current Status and Results for Surgical Mitral Valve Replacement/Repair Thomas A. Burdon, MD
1:15-1:30 pm	Update On Mitral Clip: Data and Experience David Lee, MD



- 1:30-1:45 pm **Future of Transcatheter MVR**
Maurice Buchbinder, MD
- CASE PRESENTATIONS**
- 1:45-2:00 pm **Best Save/Worst Nightmare: Balloon Expandable TAVR**
Ed McNulty, MD
- 2:00-2:15 pm **Best Save/Worst Nightmare: Self-Expanding TAVR**
Chad Rammohan, MD, FACC
- 2:15-2:30 pm **Best Save/Worst Nightmare: Mitral Clip**
Jason Rogers, MD
- 2:30-2:45 pm **Best Save/Worst Nightmare: Mitral Clip**
David Lee, MD
- 2:45-3:00 pm **Discussion and Wrap-Up**
- 3:00 pm **Adjourn**

FACULTY

All faculty are affiliated with Stanford University School of Medicine unless otherwise noted.

Course Director:

William F. Fearon, MD

Associate Professor of Medicine
(Cardiovascular Medicine)

Maurice Buchbinder, MD

Cardiologist
San Diego Cardiovascular Associates

Thomas A. Burdon, MD

Professor of Cardiothoracic Surgery

Rajesh Dash, MD, PhD

Assistant Professor of Medicine
(Cardiovascular Medicine)

Michael Fischbein, MD, PhD

Assistant Professor of Cardiothoracic Surgery
(Adult Cardiac Surgery)

Dominik Fleischmann, MD

Professor of Radiology
Chief of Cardiovascular Imaging
(Department of Radiology)

John Giacomini, MD

Professor of Medicine
(Cardiovascular Medicine)
Palo Alto Veterans Administration
Health Care System

Charles Hill, MD

Clinical Assistant Professor,
Anesthesiology, Perioperative and
Pain Medicine

David Lee, MD

Associate Professor of
Cardiovascular Medicine

David H. Liang, MD, PhD

Associate Professor of Medicine
(Cardiovascular)

Ed McNulty, MD

Cardiologist
Kaiser

D. Craig Miller, MD

Thelma and Henry Doelger Professor
in Cardiovascular Surgery

Chad Rammohan, MD, FACC

Cardiologist
Sutter Palo Alto Medical Foundation

Jason Rogers, MD

Director, Cardiac Catheterization
Laboratories and Interventional
Fellowship Program
UC Davis Health System

Alan C. Yeung, MD

The Li Ka Shing Professor in
Cardiology

Faculty Disclosure

The Stanford University School of Medicine adheres to ACCME Essential Areas, Standards, and Policies regarding industry support of continuing medical education. Disclosure of faculty and commercial relationships will be made prior to the activity.



STANFORD'S 2ND ANNUAL MECHANICAL CIRCULATORY SUPPORT: STATE OF THE ART – May 9, 2015 – 8:00 am to 3:30 pm

COURSE OVERVIEW

STATEMENT OF NEED

This CME workshop seeks to improve the knowledge of cardiology physicians, cardiothoracic surgeons, nurses and nurse practitioners regarding appropriate options in mechanical circulatory support (MCS) for patients with end stage heart failure and management of these patients before and after receiving MCS. We will include review of clinical criteria to refer patients, different types of MCS and the scenarios for their use, strategies to support and manage patients prior to MCS and post complications, based on latest development in treatment. We will employ didactic lectures, interactive cases, small group discussions and breakout sessions to improve learner's knowledge of appropriate timing of referral for MCS, and appropriate types of MCS.

TARGET AUDIENCE

This regional conference is designed to meet the educational needs of physicians, nurse practitioners and nurses, who specialize in cardiology or cardiothoracic surgery.

LEARNING OBJECTIVES

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

- Identify and implement clinical criteria to refer patients who may benefit from mechanical circulatory support at an optimal time to create better patient outcomes.
- Identify appropriate patients for emergent mechanical circulatory support and select appropriate therapy options (ECMO, percutaneous pVAD, intra-aortic balloon pump).
- Develop strategies to support and manage patients prior to MCS based on the latest development in treatment options for these patients:
 - Identify when to initiate inotropic therapy
 - Serially monitor right ventricular and end organ function
 - Identify when a patient would most benefit from mechanical circulatory support
- Develop strategies to manage post MCS complications based on the latest development in treatment for patients with:
 - Gastrointestinal bleeding post LVAD
 - Arrhythmias post LVAD
 - Right ventricular failure post LVAD
- Discuss the need and opportunities to build a MCS framework that includes appropriate infrastructure and personnel, and partnering with referring providers.

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PROGRAM (subject to change)

7:00-8:00 am	Registration and Breakfast
8:00-8:10 am	Welcome & Announcements
8:10-9:10 am	The Era of Mechanical Circulatory Support: Overview Wayne Levy, MD
9:10-9:40 am	Indications for Mechanical Circulatory Support Dipanjan Banerjee, MD
9:40-10:10 am	Types of Mechanical Circulatory Support Richard Ha, MD
10:10-10:40 am	Breakout Session I Good Timing: Patient Selection for Mechanical Circulatory Support All Faculty (Banerjee, Ha, Fowler, Weisshaar, Wheeler)
10:40-11:00 am	Break
11:00-11:30 am	Complications and Management of Mechanical Circulatory Support: Surgical Richard Ha, MD
11:30-12:00 pm	Complications and Management of Mechanical Circulatory Support: Medical Dipanjan Banerjee, MD
12:00-1:00 pm	Lunch
1:00-1:30 pm	Building Expertise in MCS All Faculty (Banerjee, Ha, Fowler, Weisshaar, Wheeler)
1:30-2:00 pm	Breakout Session II Mechanical Circulatory Support in the Community – Getting up to Speed All Faculty (Banerjee, Ha, Fowler, Weisshaar, Wheeler)
2:00-3:00 pm	Case Studies in MCS All Faculty (Banerjee, Ha, Fowler, Weisshaar, Wheeler)
3:00-3:30 pm	Future of MCS Richard Ha, MD
3:30 pm	Adjourn

Opportunities for Q&A will be provided at the conclusion of each presentation or section.

FACULTY

All faculty are affiliated with Stanford University School of Medicine unless otherwise noted.

Course Director:

Dipanjan Banerjee, MD
Medical Director, Mechanical Circulatory Support

Course Director:

Richard Ha, MD
Surgical Director, Mechanical Circulatory Support

Keynote Speaker:

Wayne Levy, MD
Professor of Medicine/Cardiology
Fellowship Director, Advanced Heart Failure & Cardiac Transplantation
University of Washington

Michael Fowler, MD
Director, Cardiomyopathy Center

Dana Weisshaar, MD, FAAC
Medical Director of the Kaiser Permanente Northern California Heart Failure/Transplant Service

Matthew Wheeler, MD
Instructor, Cardiovascular Medicine, Cardiac Hypertrophy, Mechanical Circulatory Support, Inherited Heart Disease

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STANFORD'S CARDIOVASCULAR SURGERY AND MEDICINE SYMPOSIUM – May 8th & May 9th, 2015

REGISTRATION

Stanford's Cardiovascular Surgery and Medicine Symposium

Please register early – conference space is limited.

Registration fee includes continental breakfast, lunch, course materials and certificate of attendance.

Please register and pay online by credit card at <http://cme.stanford.edu/scms>.

If you prefer to pay by phone or check, please contact the Stanford Center for CME at (650) 497-8554 for assistance (*Note that your registration is not confirmed until payment is received*).

REGISTRATION FEES:

May 8th or May 9th (Single day attendance):

Physicians \$200 Nurses and Allied Health Professionals: \$150


Two day attendance:

Physicians \$350 Nurses and Allied Health Professionals: \$250

ACCOMMODATIONS

A block of guest rooms has been reserved at the special Stanford conference rate of \$365. You are urged to make your reservations early. The cut off date is **April 7, 2015**, or until the group room block is filled. After this date, rooms will be provided on a space-available basis only. To make hotel reservations call 1-888-923-0524, please identify yourself as a member of this Stanford conference to receive the special rate. By staying at the host hotel, you help Stanford meet its contractual obligations and keep registration fees reasonable.

For more information, please visit our website at <http://cme.stanford.edu/scms>

 Stanford University School of Medicine is fully ADA compliant. If you have needs that require special accommodations, including dietary concerns, please contact stanfordcme@stanford.edu.

CANCELLATION POLICY

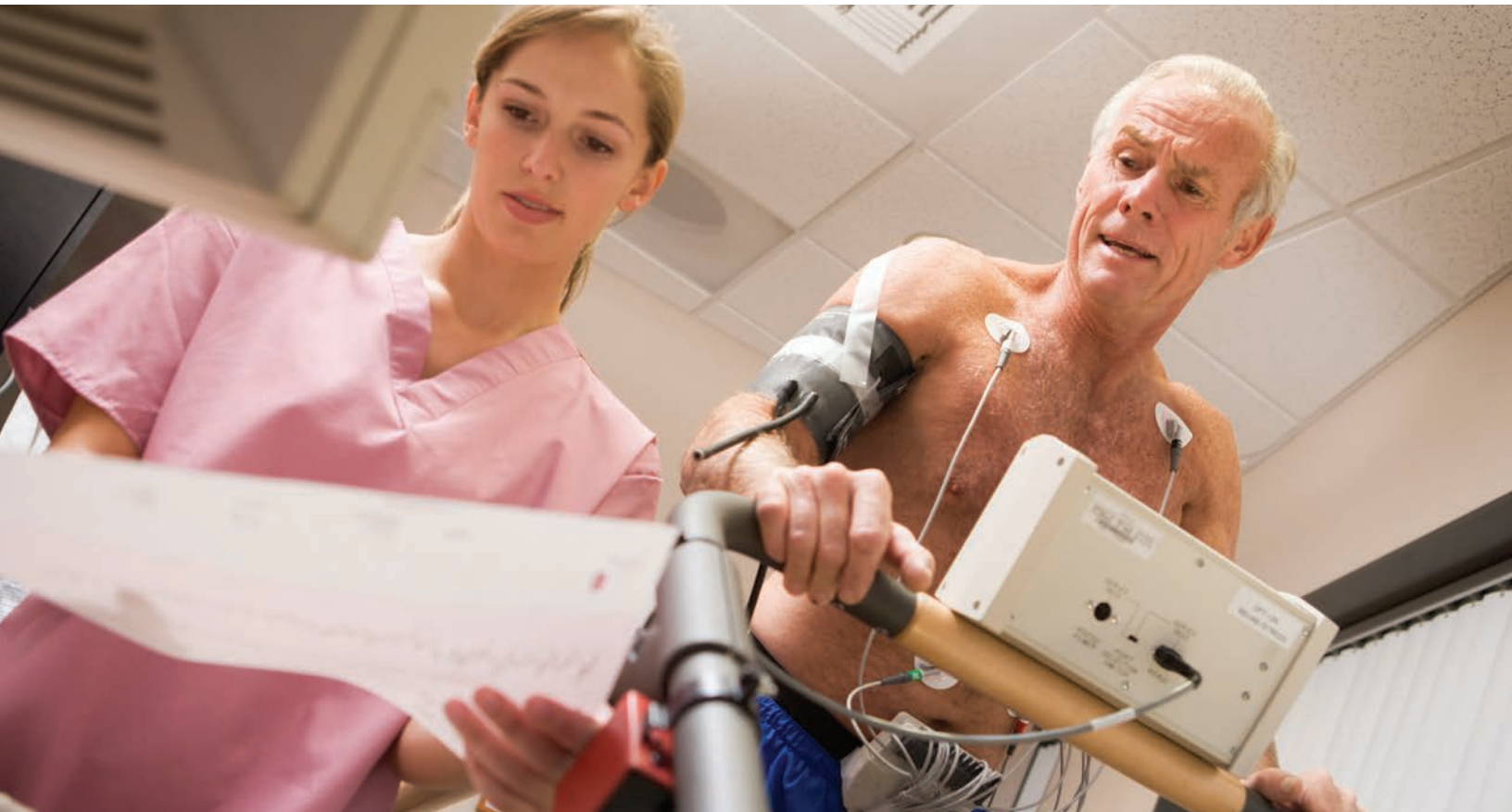
A written notice of cancellation must be received on or before **April 17, 2015**. A \$75 cancellation fee will be assessed at that time; after that date, cancellation requests cannot be honored. Please send requests to stanfordcme@stanford.edu. Stanford University School of Medicine reserves the right to cancel this program; in the event of cancellation, course fees will be fully refunded.

CONFERENCE LOCATION

The Ritz-Carlton, Half Moon Bay

1 Miramontes Point Rd, Half Moon Bay, CA, 94019
www.ritzcarlton.com/halfmoonbay

For questions about the symposium, please contact us at (650) 497-8554 or email stanfordcme@stanford.edu



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