Stanford’s 4th Annual Mechanical Circulatory Support Optimal Management and New Frontiers

A Continuing Medical Education Conference presented by the Divisions of Cardiovascular Medicine and Cardiothoracic Surgery at the Stanford University School of Medicine

- Intensive Care Unit Management
- Inpatient Management
- Outpatient Management
- New Frontiers in MCS

June 9, 2018 7:00 AM – 3:40 PM
Li Ka Shing Center for Learning and Knowledge
Stanford, CA

Program (subject to change)

7:00-8:00 AM  Registration and Light Breakfast
- Welcome & Announcements
  Dipanjan Banerjee MD, MS
- Overview of Mechanical Circulatory Support – Adult
  Jeffrey Teuteberg, MD
- Overview of Mechanical Circulatory Support – Pediatric
  David Rosenthal, MD
8:00-8:10 AM  Registration and Light Breakfast
8:10-8:30 AM  Overview of Mechanical Circulatory Support – Adult
8:30-8:50 AM  Overview of Mechanical Circulatory Support – Pediatric
8:50-9:10 AM  MCS vs Heart Transplant: Pro
  Dipanjan Banerjee, MD, MS
9:10-9:30 AM  MCS vs Heart Transplant: Con
  William Hiesinger, MD
9:30-9:50 AM  Break
9:50-10:10 AM  Shared Care for VADs: Coordinator Perspective (Pediatric)
  Jenna Murray, NP
10:10-10:30 AM  Shared Care for VADs: Coordinator Perspective (Adult)
  Cherzyma Jumoc, RN, Omar Odeh, RN
10:30-10:50 AM  Shared Care for VADs: Medical Perspective
  Sirtaz Adatya, MD
10:50-11:10 AM  Shared Care for VADs: Surgical Perspective
  Richard Ha, MD
11:10-11:20 AM  Preparing Patients for LVADs – Before and After
  Catherine Nash, LCSW
11:20-11:50 AM  Round Robin (All Faculty)

11:50 AM-12:50 PM Lunch

Adult Track:
- Managing VADs
  Shirin Zarafshar, MD
- Anticoagulation in LVADs
  Matthew Wheeler, MD, PhD
- Hemodynamics in LVAD
  Karim Sallam, MD

Pediatric Track:
- Managing VADs
  David Rosenthal, MD
- LVAD and Transplant
  Francois Haddad, MD
- Surgical Considerations
  Katsuhide Maeda, MD
- Anticoagulation
  Christopher Almond, MD

12:50-1:10 PM Adult Track:
1:10-1:30 PM Adult Track:
1:30-1:50 PM Adult Track:
1:50-2:10 PM Adult Track:
2:10-2:30 PM Adult Track:
2:30-2:50 PM Adult Track:
2:50-3:10 PM Adult Track:
3:10-3:40 PM Adult Track:

Round Table
All Faculty
Break
Round Robin (All Faculty)

Sponsored by the Stanford University School of Medicine
Course Directors & Reviewer:
Course Director
Dipanjan Banerjee, MD, MS
Medical Director, Mechanical Circulatory Support Program
Clinical Assistant Professor, Cardiovascular Medicine
Co-Course Director
William Hiesinger, MD
Assistant Professor, Cardiothoracic Surgery
Reviewer
Matthew Wheeler, MD, PhD
Clinical Assistant Professor, Cardiovascular Medicine

Guest Speakers:
Sirtaz Adaty, MD
Medical Director of Mechanical Circulatory Support
Kaiser Permanente, Santa Clara
Richard Ha, MD
Surgical Director of Mechanical Circulatory Support
Kaiser Permanente, Santa Clara

Stanford Faculty:
Christopher Almond, MD
Associate Professor, Pediatrics (Cardiology)
Dipanjan Banerjee, MD, MS
Medical Director, Mechanical Circulatory Support Program
Clinical Assistant Professor, Cardiovascular Medicine

Sebastien Duclos, PA
Physician Assistant, Care Team
– Mechanical Circulatory Support Program
Francois Haddad, MD
Clinical Associate Professor, Cardiovascular Medicine
William Hiesinger, MD
Assistant Professor, Cardiothoracic Surgery
Cherryame Jumoc, RN
VAD RN Coordinator, Care Team
– Mechanical Circulatory Support Program
Alexey Lyapin, NP
Nurse Practitioner, Care Team
– Mechanical Circulatory Support Program
Katsuhide Maeda, MD
Clinical Associate Professor, Pediatric Cardiac Surgery
Jenna Murray, NP
Nurse Practitioner, Care Team
– Mechanical Circulatory Support Program
Catherine Nash, LCSW
Social Worker, Care Team
– Mechanical Circulatory Support Program
Omar Odeh, RN
VAD RN Coordinator, Care Team
– Mechanical Circulatory Support Program

David Rosenthal, MD
Professor, Pediatric Cardiology
Karim Sallam, MD
Clinical Assistant Professor, Cardiovascular Medicine
Jeffrey Teuteberg, MD
Associate Professor, Cardiovascular Medicine
Matthew Wheeler, MD, PhD
Clinical Assistant Professor, Cardiovascular Medicine
Shirin Zarafshar, MD
Clinical Assistant Professor, Cardiovascular Medicine

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

Conference Information

STATEMENT OF NEED
This CME workshop seeks to improve the knowledge of cardiologists, 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 and post MCS, based on latest developments in treatment. We will employ didactic lectures, interactive cases, and small group discussions to improve learners’ knowledge of evidence based management of patients with end stage heart failure.

TARGET AUDIENCE
This regional conference is designed to meet the educational needs of:
- Physicians, specializing in Cardiology or Cardiothoracic Surgery
- Nurses/Other Allied Health Professionals

LEARNING OBJECTIVES
At the conclusion of this activity, participants should be able to:
1. Identify and implement clinical criteria to refer patients who may benefit from mechanical circulatory support (MCS) at an optimal time to improve patient care.
2. Identify appropriate patients for emergent MCS and select appropriate therapy options (ECMO, percutaneous ventricular assist device (pVAD), intra-aortic balloon pump).
3. Optimally manage patients prior to MC by initiating inotropic therapy at the appropriate time and serially monitoring right ventricular and end organ function.
4. Develop strategies to manage post MCS complications based on the latest development in treatment for patients with:
   - Gastrointestinal bleeding post left ventricular assist device (LVAD)
   - Arrhythmias post LVAD
   - Right ventricular failure post LVAD
5. Discuss the need and opportunities to build a MCS framework that includes appropriate infrastructure and personnel, and partnering with referring providers.
6. Create an algorithm for learners own center to determine which MCS complications can be managed at their center vs the implanting institution.
7. Determine the centers available for MCS for pediatric patients and the types of treatment options they can provide.

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
The Stanford University School of Medicine designates this live activity for a maximum of 5.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

COMMERCIAL SUPPORT ACKNOWLEDGEMENT
This CME activity is supported in part by educational grants. A complete list of commercial supporters will be published in the course syllabus.

REGISTRATION
Registration fee includes course materials, certificate of participation, breakfast and lunch.

Register online with a Visa or Master Card by visiting cme.stanford.edu/mcs.
If you prefer to pay by check or need assistance, please call (650) 497-8554 or email stanfordcme@stanford.edu. Be sure to register with an email address that you check frequently. Your email address is used for critical information including: registration confirmation, evaluation, and certificate.

ATTENDEE TYPE
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<td>Physicians</td>
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CANCELLATION POLICY
Cancellations received in writing no less than 30 days before the course will be refunded, less a 20% administrative fee. No refunds will be made on cancellations received after that date. Please send cancellation 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
Li Ka Shing Center for Learning and Knowledge
291 Campus Drive, 2nd Floor Conference Center
Stanford, California 94305
(650) 725-6884
coursecenter.stanford.edu

ACCOMMODATIONS
Nearby hotels to campus:
Sheraton Palo Alto Hotel
(650) 328-2800
The Westin Palo Alto
(650) 321-4422

Please contact the hotel directly to secure a reservation.

VISITOR INFORMATION
To learn more about traveling to Stanford University, please browse visit.stanford.edu.

CONTACT INFORMATION
For questions about the symposium, please contact Debbie Aube, CME Conference Coordinator at (650) 724-5318 or debbie.aube@stanford.edu.

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