Practicum in Mechanical Circulatory Support: 
An Expert Review and Interactive Simulations

FRIDAY-SATURDAY, OCTOBER 27-28, 2017
CEDARS-SINAI MEDICAL CENTER
LOS ANGELES, CA

Featuring simulations and skills demos in the Women’s Guild Simulation Center for Advanced Clinical Skills, an immersive environment equipped with the latest in patient simulators and medical devices.

COURSE DIRECTORS
Francisco Arabía, MD
Jaime Moriguchi, MD, FACC
Jon Kobashigawa, MD, FACC

CONFERENCE LOCATION
Cedars-Sinai Medical Center
Harvey Morse Conference Center
Plaza Level, South Tower
8701 Gracie Allen Drive
Los Angeles, CA 90048

Endorsed by

For the latest course info and to register visit cedars-sinai.edu/mcscme
ACTIVITY INFORMATION

COURSE DESCRIPTION AND STATEMENT OF NEED
This two-day course will provide a concise review of clinical knowledge and essential professional skills to facilitate the surgical and medical management of patients with advanced heart failure who are being assessed for and who have received durable mechanical circulatory support. The course consists of focused presentations covering a broad array of topics for both inpatient and outpatient management with an emphasis on a practical approach to patient care, implementing best practices and clinical problem solving.

TARGET AUDIENCE
This educational activity will be designed to address the educational needs of: general cardiologists, primary care physicians and allied health professionals who are interested in developing their knowledge and understanding of mechanical circulatory support devices, as a treatment option for patients with advanced heart failure.

EDUCATIONAL OBJECTIVES

- Appropriately employ strategies and recommendations for the use of MCS, including patient and device management
- Appropriately employ the general criteria and recommendations for when to refer a patient for evaluation for mechanical circulatory support as destination therapy, bridge to recovery and bridge to transplant

ACCREDITATION STATEMENT
Cedars-Sinai Medical Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

CREDIT DESIGNATION STATEMENT
Cedars-Sinai Medical Center designates this live activity for a maximum of 9.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

NURSES
The California State Board of Registered Nursing accepts courses approved by the ACCME for category 1 credit as meeting the continuing education requirements for license renewal.

POLICY ON DISCLOSURE
It is the policy of Cedars-Sinai Medical Center to ensure balance, independence, objectivity, and scientific rigor in all of its educational activities. Cedars-Sinai Medical Center assesses conflict of interest with its faculty, planners and managers of CME activities. Conflicts of interest that are identified are resolved by reviewing that presenter's content for fair balance and absence of bias, scientific objectivity of studies utilized in this activity, and patient care recommendations.

While Cedars-Sinai Medical Center endeavors to review faculty content, it remains the obligation of each physician or other healthcare practitioner to determine the applicability or relevance of the information provided from this course in his or her own practice.

ACKNOWLEDGMENT OF COMMERCIAL SUPPORT
Commercial support is pending and will be acknowledged in the printed materials at the conference.
Day 1

8:00 A.M. Welcome

**Early Morning Session: Durable Devices - Patient & Device Selection**

**Moderators:** Francisco Arabia/Lawrence Czer

8:15 A.M. When to Refer for MCS Evaluation - Timing is Everything  
Steven Boyce

8:35 A.M. Making Informed Decisions (INTERMACS Profiles and Special Populations)  
Sean Pinney

8:55 A.M. BiVADs and Total Artificial Heart: Options for Biventricular Heart Failure  
Igor Gregoric

9:15 A.M. Managing the Sensitized MCS Patient  
Jon Kobashigawa

9:35 A.M. Panel Discussion

10:00 A.M. Break and Exhibits

**Mid-Morning Session: Short Term Devices - Patient & Device Selection**

**Moderators:** Jonathan Neyer/Fardad Esmailian

10:30 A.M. The Use of ECMO in Cardiogenic Shock: Advantages and Limitations  
Jeffrey Teuteberg

10:50 A.M. Impella and Tandem Heart - Pearls and Pitfalls  
Danny Ramzy

11:10 A.M. New Options in Percutaneous Mechanical Circulatory Support Devices  
David Baran

11:30 A.M. MCS in the Acute Care Setting: An ICU Perspective  
Michael Nurok

11:50 A.M. Panel Discussion

12:15 P.M. Lunch

**Early Afternoon Concurrent Session #1: Meet the Experts - Evaluating Complex Candidates for MCS**

**Moderators:** Jaime Moriguchi/Alfredo Trento

1:20 P.M. Complex Case #1 - Short Term Device, Long Term Device, Palliative Care?  
Francisco Arabia

1:40 P.M. Complex Case #2 - Short Term Device, Long Term Device, Palliative Care?  
Mark Slaughter

2:00 P.M. Complex Case #3 - Short Term Device, Long Term Device, Palliative Care?  
Frank Pagani

2:20 P.M. Complex Case #4 - Short Term Device, Long Term Device, Palliative Care?  
Ulrich Jorde

2:40 P.M. Complex Case #5 - Short Term Device, Long Term Device, Palliative Care?  
Igor Gregoric

3:00 P.M. Break and Exhibits

**EARLY AFTERNOON CONCURRENT SESSION #2: Engineering a Successful MCS Program**

**Moderators:** Carmelita Runyan and Robert Cole

1:20 P.M. The Future of Device Technology: An Industry Perspective  
Tina Ivovic

1:40 P.M. The Role of Nursing in Mechanical Circulatory Support  
Shauna Andrus

2:00 P.M. Considering “Well Being” as a Measure of Success in MCS  
Radha Gopalan

2:20 P.M. Panel Discussion: What REALLY Matters in Social Support

**Panelists:** Gheeta Bhat, Bernice Coleman, Shauna Andrus, Garo Harmandayan

2:40 P.M. Living with a TAH: A Patient’s Perspective

**Late-Afternoon Session: Rise of the Machines - Ethical Issues in MCS Therapy**

**Moderators:** Jon Kobashigawa/Francisco Arabia

3:20 P.M. Frailty and Futility: When is Enough Enough?  
Geetha Bhat

3:40 P.M. MCS in the Current Era: Impact of New Heart Allocation Policy on Patient Selection  
Joseph Rogers

4:00 P.M. The Cost of Success: Financial Considerations in Advancing MCS Technology & Access  
Simon Maltais

4:20 P.M. Featured Lecture - MCS Leadership Award  
Walter Dembitsky

4:40 P.M. Featured Lecture - Pioneers in MCS: A Trailblazer’s Perspective  
James Long

5:00 P.M. Adjourn
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<tr>
<th>Time</th>
<th>Early-Morning Simulations</th>
<th>Mid-Morning Simulations</th>
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<tr>
<td>8:15 A.M. - 8:45 A.M.</td>
<td>ICU Simulation</td>
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<td>8:45 A.M. - 9:15 A.M.</td>
<td>Debriefing Session</td>
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<td>9:15 A.M. - 9:45 A.M.</td>
<td>Skills Lab Demo</td>
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<td>10:00 A.M.</td>
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<td>10:30 A.M. - 11:00 A.M.</td>
<td>ICU Simulation</td>
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<td>Debriefing Session</td>
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<td>Skills Lab Demo</td>
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### Conference Locations

Cedars-Sinai Medical Center
Harvey Morse Conference Center
8701 Gracie Allen Drive
Los Angeles, CA 90048

Women’s Guild Simulation Center
for Advanced Clinical Skills
Advanced Health Sciences Pavilion
127 South San Vicente Boulevard
Los Angeles, CA 90048

### Parking

Self-parking is available in the visitor parking lots P1, P2 (George Burns Road), or P4 (Sherbourne Drive). We are unable to validate for those parking in the Cedars-Sinai Medical Office Towers parking structures.
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REGISTER ONLINE TODAY!
cedars-sinai.edu/mcsme
All registrations must be completed online.

REGISTRATION FEES

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<tr>
<td>Full Symposium</td>
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<td>(Didactic with Simulation Sessions)</td>
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<td>(Didactic ONLY without Simulations)</td>
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*Discounted registration for STS members available, please select appropriate registration type.

REFUND POLICY

All cancellations must be submitted in writing and refunds will be subject to a $45 administrative charge.

No refunds will be given after October 16, 2017. Please e-mail cancellation request to cme@cshs.org.

If you do not receive confirmation of your cancellation via e-mail, please call (310) 423-5548.

We encourage participation by all individuals. If you have a disability, advance notification of any special needs will help us better serve you.

HOW DID YOU LEARN ABOUT THIS CME ACTIVITY?

- Brochure or Other Printed Materials
- Cedars-Sinai CME Website
- Internet Search (Google, Yahoo, etc.)
- Colleague
- Internal Cedars-Sinai Communication
- Email Announcement
- Past Participant
- Other
FACULTY

**COURSE DIRECTORS**

Francisco Arabía, MD  
Surgical Director, Mechanical Circulatory Support Program  
Cedars-Sinai Heart Institute

Jaime Moriguchi, MD, FACC  
Medical Director, Mechanical Circulatory Support Program  
Cedars-Sinai Heart Institute

**GUEST FACULTY**

Shauna Andrus, RN  
Lead Mechanical Circulatory Coordinator  
University of Washington Medical

David Baran, MD, FACC  
Sentara Heart Hospital

Geetha Bhat, MD, FACC  
Medical Director  
Center for Heart Transplant and Assist Devices  
Advocate Christ Medical Center, Heart Institute  
Clinical Professor of Medicine  
UIC College of Medicine

Steven Boyce, MD, FACC  
Surgical Director, Advanced Heart Failure and Transplant Program  
MedStar Washington Hospital Center

Walter Dembitsky, MD  
Medical Director, Cardiac Surgery and Mechanical Circulatory Support Program  
Sharp Memorial Hospital

Radha Gopalan, MD  
Advanced Heart Failure/Transplant Cardiology  
Banner Health, Arizona

Igor Gregoric, MD, FACC  
Chief and Program Director, Surgical Division for the Center for Advanced Heart Failure, Cardiopulmonary Support and Transplantation Program  
University of Texas Health Science Center

Tina Ivovic  
Senior Director of Global Reimbursement and Health Care Economics, Therapy Leader for Heart Failure  
Abbott

Ulrich P. Jorde, MD  
Section Head, Heart Failure, Cardiac Transplantation and Mechanical Circulatory Support  
Montefiore Medical Center

James Long, MD, PhD  
Director, INTEGRIS Advanced Cardiac Care  
Medical Director, INTEGRIS Nazih Zuhdi Transplant Institute

Simon Maltais, MD  
Associate Professor of Surgery  
Division of Cardiovascular Surgery, Mayo Clinic

Jonathan Neyer, MD  
Advanced Heart Failure/Transplant Cardiology  
Kaiser Permanente

Francis Pagani, MD, PhD, FACC  
Otto Gago MD Professor of Cardiac Surgery  
University of Michigan

Sean P. Pinney, MD, FACC  
Director, Advanced Heart Failure and Transplantation, The Mount Sinai Health System
Jon Kobashigawa, MD, FACC
DSL/Thomas D. Gordon Professor of Medicine
Director, Advanced Heart Disease Section
Director, Heart Transplant Program
Associate Director, Cedars-Sinai Heart Institute
Associate Director, Comprehensive Transplant Center
Cedars-Sinai Medical Center

Joseph G. Rogers, MD, FACC
Professor of Medicine
Interim Chair, Department of Medicine
Duke University School of Medicine

Mark Slaughter, MD
Professor and Chair, Thoracic and Cardiovascular Surgery
University of Louisville

Jeffrey Teuteberg, MD
Associate Professor
Medical Director, Advanced Heart Failure
Stanford University

CEDARS-SINAI FACULTY
Robert Cole, MD
Advanced Heart Failure/Transplant Cardiology

Bernice Coleman, PhD, ACNP-BC, FAAN
Nurse Researcher and Nurse Practitioner
Cedars-Sinai Nursing Research

Lawrence Czer, MD FACC
Medical Director,
Heart Transplant Program

Garo Harmandayan, MD
Internal Medicine
Palliative Care, Supportive Care Medicine

Carmelita Runyan, RN-BC, MSN, CCRN
Assistant Nurse Manager
Lead MCS Coordinator
Mechanical Circulatory Support Program

Michael Nurok, MBChB, PhD
Medical Director of the Cardiac-Surgical Intensive Care Unit
Division of Cardiothoracic Surgery

Danny Ramzy, MD, FACC
Surgical Director, Lung Transplant Program
Director, Robotic & Minimally Invasive Cardiac Surgery
Assistant Professor, Surgery

Alfredo Trento, MD
Professor of Surgery
Director, Division of Cardiothoracic Surgery

Fardad Esmailian, MD
Surgical Director,
Heart Transplant Program
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