Heart Transplantation and Advanced Heart Failure: An Expert Update on Diagnosis and Treatment Options

October 15-16, 2010

Offered in cooperation with the California Chapter of the American College of Cardiology

Renaissance Los Angeles Airport Hotel
9620 Airport Boulevard
Los Angeles, CA 90045

For further information call 310-423-5548 or visit www.csmc.edu/cme
Faculty

Course Director

Jon A. Kobashigawa, MD
DSL/Thomas D. Gordon Chair in Heart Transplantation Medicine
Associate Director, Cedars-Sinai Heart Institute
Chief, Advanced Heart Disease Section
Director, Heart Transplant Program
Cedars-Sinai Medical Center
Los Angeles, CA

Cedars-Sinai Faculty

Sumeet S. Chugh, MD, FACC, FHRS, FAHA
Associate Director for Genomic Cardiology, Cedars-Sinai Heart Institute
Chief, Clinical Cardiac Electrophysiology Section
Pauline and Harold Price Chair in Cardiac Electrophysiology
Professor of Medicine
Cedars-Sinai Medical Center
Los Angeles, CA

Lawrence S. C. Czer, MD, FACC, FACP, FCCP
Medical Director, Heart Transplant Program
Co-Director of Transplantation Cardiology
Co-Medical Director of the Mechanical Circulatory Support Program
Cedars-Sinai Heart Institute
Los Angeles, CA

Fardad Esmailian, MD
Surgical Director, Heart Transplant Program & Mechanical Circulatory Support Program
Cedars-Sinai Heart Institute
Los Angeles, CA

Michele A. Hamilton, MD
Director, Heart Failure Program
Cedars-Sinai Heart Institute
Los Angeles, CA

Robert M. Kass, MD
Surgical Director of the Heart Transplant Program
Cedars-Sinai Heart Institute
Los Angeles, CA

Michelle Kittleson, MD, PhD
Director of Post Graduate Medical Education in Heart Failure and Transplantation
Cedars-Sinai Heart Institute
Los Angeles, CA

Jaime D. Moriguchi, MD
Medical Director, Mechanical Circulatory Support Program
Cedars-Sinai Heart Institute
Los Angeles, CA

Jignesh Patel, MD, PhD
Medical Director, Heart Transplant Program
Cedars-Sinai Heart Institute
Los Angeles, CA

Nancy L. Reinsmoen, PhD
Histocompatibility Laboratory Director
Cedars-Sinai Medical Center
Los Angeles, CA

Ernst Schwarz, MD, PhD
Director, Heart Failure Research
Co-Medical Director, Mechanical Circulatory Support Program
Cedars-Sinai Heart Institute
Los Angeles, CA

Alfredo Trento, MD, FACS
Director, Division of Cardiothoracic Surgery
Cedars-Sinai Medical Center
Los Angeles, CA

Guest Faculty

Keith D. Aaronson, MD, MS
Associate Professor, Department of Internal Medicine
Medical Director, Heart Failure Program
University of Michigan
Ann Arbor, MI

Howard J. Eisen, MD
Thomas J. Vischer Professor of Medicine
Drexel University College of Medicine
Chief, Division of Cardiology
Drexel University College of Medicine/Hahnemann University Hospital
Philadelphia, PA

Daniel P. Fishbein, MD
Professor of Medicine
UCLA Division of Cardiology
Director, Ahmanson-UCLA Cardiomyopathy Center
Los Angeles, CA

A.G. Kfoury, MD
Director, Heart Failure Prevention and Treatment Program
UTAH Cardiac Transplant Program
Intermountain Medical Center
Salt Lake City, UT

Robert L. Kormos, MD
Professor of Surgery
University of Pittsburgh
Director of Artificial Heart Program
Co-Director of the Heart Transplant Program
University of Pittsburgh Medical Center
Pittsburgh, PA

Donna Mancini, MD
Professor of Medicine
Columbia University
Director, Center for Advanced Cardiac Care
Columbia Presbyterian Medical Center
New York, NY

Myung H. Park, MD, FACC
Director, Pulmonary Vascular Diseases Program
Assistant Professor of Medicine
Department: Division
Maryland Heart Center
Pulmonary Hypertension Program
University of Maryland Medical Center
Baltimore, MD
Renaissance Los Angeles Airport Hotel
9620 Airport Boulevard
Los Angeles, CA 90045

ROOM RESERVATIONS: A limited number of rooms have been reserved for meeting attendees at a special group rate of $99/night plus taxes. Rooms at our special rate are reserved until Friday, September 24, 2010. After this date, reservations will be accepted on a space and rate availability basis. Reservations are taken on a first-come, first-served basis.

Please call the Renaissance Los Angeles Airport Hotel at 800-468-3571 or 310-337-2800 to make your hotel reservation. Identify yourself as attending the Heart Transplantation and Advanced Heart Failure meeting in order to obtain this special rate.

PLEASE REGISTER AND MAKE YOUR HOTEL RESERVATION EARLY.
PLEASE NOTE – There are instances where the room block sells out prior to the cut-off date.

DRIVING DIRECTIONS: From Los Angeles International Airport (LAX) take Century Blvd East (0.4 mi). Turn LEFT (North) onto Airport Blvd (0.2 mi). Hotel is on the RIGHT.

HOTEL SHUTTLE SERVICE: Complimentary Airport Shuttle Service is provided by the Renaissance Los Angeles Airport Hotel to and from LAX. Shuttle time from LAX to the hotel takes approximately 2-5 minutes.

Heart Transplantation and Advanced Heart Failure:
An Expert Update on Diagnosis and Treatment Options

October 15-16, 2010
COURSE DESCRIPTION
This two day course features expert presenters on subject areas identified as part of the new American Board of Internal Medicine certification exam in heart failure and transplantation. This educational activity offers 14 hours of intensive teaching focused on core competencies of Advanced Heart Failure, Mechanical Circulatory Support, Pulmonary Hypertension and Transplant Cardiology. The course will include a combination of didactic lectures and case based presentations with emphasis on guidelines, knowledge, and practice management.

STATEMENT OF NEED
With our aging population and improved survival after myocardial infarction, heart failure prevalence and associated morbid and fatal event rates have continued to climb. At the same time, we have seen major advances in diagnosis and treatment, which have converted the diagnosis of heart failure from that of an extremely high mortality rate to one of a guarded prognosis and protracted course, but often with the opportunity for improved functional status and sometimes with the complete resolution of structural abnormalities, signs, and symptoms with proper treatment. Therapeutic options for patients with advanced heart failure, including heart transplant and ventricular assist devices (VADs), have become increasingly complex, requiring substantial technical proficiency and advanced training.

TARGET AUDIENCE
This activity is intended for Heart Failure and Transplant Cardiologists, Community Cardiologists and Cardiology Fellows interested in increasing their competency and knowledge of evidence-based management guidelines in heart failure and transplantation.

EDUCATIONAL OBJECTIVES
• Define and describe the epidemiology and pathophysiology of heart failure for optimal management of heart failure risk factors.
• Recognize and employ evidence-based heart failure management guidelines and treatment options to minimize complications for patients with heart failure.
• Identify and apply indications and contraindications for heart transplantation to better manage the evaluation and selection process for heart transplant candidates.
• Recognize and assess post heart transplant complications and use appropriate treatment options to balance the risks of both rejection and infection and minimize side effects of immunosuppressants.

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

CREDIT DESIGNATION
Cedars-Sinai Medical Center designates this educational activity for a maximum of 14 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

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 for this conference is pending. Companies who support this CME activity with educational grants will be acknowledged at the conference.
FRIDAY, OCTOBER 15, 2010

1:00 PM Registration
1:30-1:35 Welcome and Introduction
Jon A. Kobashigawa, MD

EARLY AFTERNOON SESSION: HEART TRANSPLANTATION INDICATIONS, CONTRA-INDICATIONS AND MANAGEMENT
Moderator: Jon A. Kobashigawa, MD
1:35- 2:05 PM Indications and Contra-Indications for Heart Transplantation
Daniel P. Fishbein, MD
2:05 – 2:35 Heart Transplant Surgery and Donor Selection
Fardad Esmailian, MD
2:35 – 3:05 Immunosuppression in Cardiac Transplantation
Jignesh Patel, MD, PhD
3:05 – 3:35 Post-Transplant Clinical Complications
Howard J. Eisen, MD
3:35 – 3:50 Panel Discussion

LATE AFTERNOON SESSION: HEART TRANSPLANTATION INDICATIONS, CONTRA-INDICATIONS AND MANAGEMENT
Moderator: Jignesh Patel, MD, PhD
4:05 – 4:35 Treatment of Cellular and Antibody-Mediated Rejection
A.G. Kfoury, MD
4:35 – 5:05 The ABC’s of Antibody Detection and Meaning: The Virtual Crossmatch and Calculated PRAs
Nancy L. Reinsmoen, PhD
5:05 – 5:35 Management of the Sensitized Patient Awaiting Heart Transplantation
Jon A. Kobashigawa, MD
5:35 – 5:50 Panel Discussion

SATURDAY, OCTOBER 16, 2010

7:00 – 7:30 AM Continental Breakfast
EARLY MORNING SESSION: HEART FAILURE EPIDEMIOLOGY, PATHOPHYSIOLOGY AND MANAGEMENT
Moderator: Michelle Kittleson, MD, PhD
7:30 – 8:00 Epidemiology and Causes of Heart Failure
Keith D. Aaronson, MD, MS
8:00 – 8:30 Pathophysiology: Compensatory and Maladaptive Mechanisms of Heart Failure
Donna Mancini, MD
8:30 – 9:00 Management of Chronic Heart Failure and Optimizing Medical Therapies
Michele A. Hamilton, MD
9:00 – 9:30 Management of Hospitalized Patients (ADHF)
Gregg C. Fonarow, MD
9:30 – 9:45 Panel Discussion
9:45 – 10:00 Break

LATE MORNING SESSION: DIAGNOSTIC MODALITIES AND SURGICAL OPTIONS FOR HEART FAILURE
Moderator: Ernst Schwarz, MD, PhD
10:00 – 10:30 Non-Invasive Tests, Imaging, and Hemodynamics for Heart Failure
Keith D. Aaronson, MD, MS
10:30 – 11:00 Implantable Devices, Including Interrogation and Management
Sumeet S. Chugh, MD, FACC, FHRS, FAHA
11:00 – 11:30 Cardiac Surgery in Heart Failure Patients: Use of Guidelines
Alfredo Trento, MD, FACS
11:30 – 11:45 Panel Discussion
11:45 – 1:00 PM Lunch & Interactive Case Study Discussion
Moderator: Michelle Kittleson, MD, PhD
Case Study Panel: Keith D. Aaronson, MD, MS, Gregg C. Fonarow, MD, Michele A. Hamilton, MD, Donna Mancini, MD

AFTERNOON SESSION: MECHANICAL CIRCULATORY SUPPORT
Moderator: Robert M. Kass, MD
1:00 – 1:30 Mechanical Circulatory Support: Patient Selection, Device Selection and Outcomes
Jaime Morichichi, MD
1:30 – 2:00 Mechanical Circulatory Support: Surgical Aspects and Trouble-Shooting
Robert L. Kormos, MD
2:00 – 2:30 Outpatient Management with an Implanted Device
Lawrence S. Czer, MD, FACC, FACP, FCCP
2:30 – 2:45 Panel Discussion
2:45 – 3:00 Break

LATE AFTERNOON SESSION: MANAGEMENT OF PULMONARY VASCULAR DISEASE AND PALLIATIVE CARE
Moderator: Jon A. Kobashigawa, MD
3:00 – 3:30 Pulmonary Vascular Disease and Pulmonary Arterial Hypertension
Myung H. Park, MD, FACC
3:30 – 4:00 Practical Considerations and Managing the Pharmacologically Refractory Patient
Myung H. Park, MD, FACC
4:00 – 4:30 Palliative Care in the Dying Heart Failure Patient
Donna Mancini, MD
4:30 – 4:45 Panel Discussion
4:45 – 6:00 Break
6:00 – 8:00 Dinner & Interactive Case Study Discussion
Moderator: Michele A. Hamilton, MD
Case Study Panel: Keith D. Aaronson, MD, MS, Robert L. Kormos, MD, Donna Mancini, MD, Jaime Morichichi, MD, and Myung H. Park, MD, FACC
Registration Fees:
Standard Registration Received by September 23, 2010 $650
Late and On-Site Registration Received after September 23, 2010 $750

CME credit, course materials, continental breakfasts, lunches, breaks and dinners are included with the registration fee.

**SPACE IS LIMITED - PLEASE REGISTER EARLY!**

**Four ways to register:**

- Mail registration form and payment (with checks made payable to Cedars-Sinai Medical Center) to:
  Cedars-Sinai Medical Center
  Office of Continuing Medical Education
  Attn: Registration
  8797 Beverly Boulevard, Suite 250
  Los Angeles, CA 90048

- Online registration at:
  [www.csmc.edu/cme](http://www.csmc.edu/cme) and click on CME Courses

- Fax completed registration form with credit card information to (310) 423-0309.

- Phone registration for credit card payments only at (310) 423-5548.

**CONFIRMATION**
In order to receive a registration confirmation, please provide your e-mail address or fax number. If you do not receive a confirmation, please call (310) 423-5548 to confirm your registration.

**REFUND POLICY**
All cancellations must be submitted in writing and refunds will be subject to a $75 administrative charge. No refunds will be given after Friday, October 8, 2010.

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

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**October 15-16, 2010**

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