

INTERNATIONAL SOCIETY FOR HEART AND LUNG TRANSPLANTATION  
*a forum that includes basic science, the failing heart, and advanced lung disease*

5TH FALL EDUCATION MEETING

# Mechanical Cardiac Support & Replacement III Symposium


An abstract graphic featuring several overlapping hearts and flowing ribbons. The hearts are rendered in a gradient of red and blue, with some appearing as solid shapes and others as outlines. The ribbons are thick, curved lines that weave through the hearts, creating a sense of movement and connection. The background is a solid dark blue.

Renaissance Orlando Resort at Sea World  
Orlando, Florida

NOVEMBER 7-8, 2003

Robert C. Robbins, MD, Program Chair

This meeting has been endorsed by the Cardio-Thoracic  
and Vascular Surgery Council of the American Heart Association



*International Society  
for Heart and Lung  
Transplantation is  
most grateful for the  
educational grants  
and the support of the  
following companies  
towards this 5th Fall  
Education Meeting*

Abiomed

Arrow International

CardioWest

MicroMed

Thoratec

WorldHeart

## Goals

The goal of this meeting is to review the current status of mechanical circulatory support (MCS) as it pertains to therapy for end-stage cardiac failure.

## Learning Objectives

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

- understand what has been learned about MCS from bridge to transplant trials
- be familiar with the devices available for both bridge to transplantation and long-term MCS and their indications
- understand the applicability of existing technology for chronic use
- identify the areas to be targeted in the future for research with chronic support
- understand the strategies for use of MCS and recovery of diseased myocardium
- be brought up to date on future trials of devices for MCS

## Educational Objectives

ISHLT is dedicated to providing education for medical professionals involved in heart and lung transplantation. Because of the rapid advances in the technology of MCS systems, cardiac transplant professionals are in need of opportunities to update their knowledge of these advances. This meeting is designed to address this need.

## Target Audience

The audience for this program includes physicians, surgeons, scientists, and nurses engaged in the practice of heart transplantation and/or in the management and treatment of patients with end-stage heart disease.

## Important Information About This Meeting

This meeting is not an official part of the official 76th Scientific Sessions as planned by the AHA Committee on Scientific Sessions Program. You are not required to register for the AHA meeting in order to register for this meeting.

## Meeting Location

The meeting will be held at the Renaissance Orlando Resort at Sea World, 6677 Sea Harbor Drive, Orlando, FL, 32821, Tel: 507-351-5555. All sessions will take place in Crystal Ballroom C.

## Hotel Accommodations

ISHLT has NOT blocked hotel rooms for this meeting. If you are attending the AHA meeting, you can get an AHA hotel reservation form from the AHA web site ([www.scientificsessions.org](http://www.scientificsessions.org)). Rooms must be reserved through the AHA Housing Bureau. It is important that you reserve a hotel room early, as hotel rooms are limited.

## Accreditation

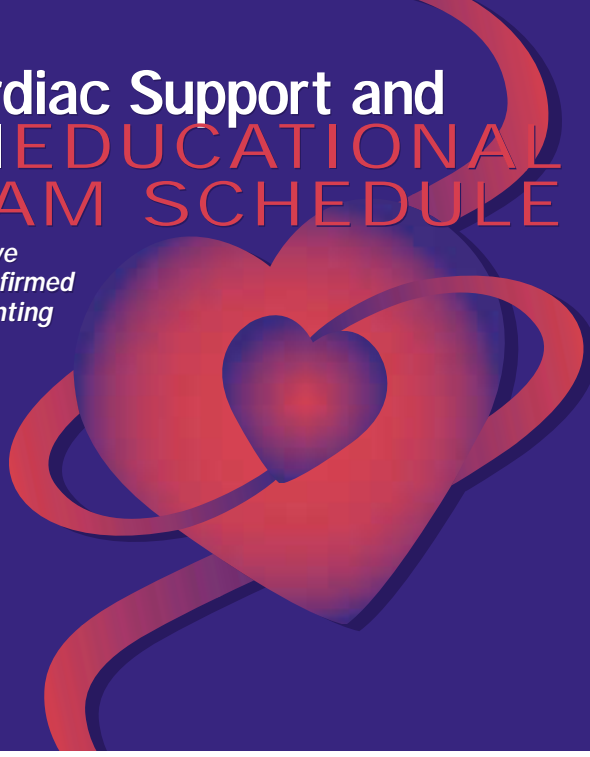
This activity has been planned and implemented in accordance with the Essentials and Standards of the Accreditation Council for Continuing Medical Education. The International Society for Heart and Lung Transplantation designates this educational activity for a maximum of 12 CME hours. Each physician should claim only those hours of credit that he/she actually spent in the educational activity.

## Disclosure

It is the policy of the International Society for Heart and Lung Transplantation to ensure balance, independence, objectivity, and scientific rigor in all its educational programs. Current guidelines state that participants in CME activities should be made aware of any affiliation or financial interest that may affect the speakers' presentations. Each speaker has been requested to complete a disclosure statement. The names of the speakers with relevant disclosures will be distributed at the meeting. Additionally, all speakers have been asked to indicate at the start of their presentations if a product they are discussing is not labeled for the use under discussion or is still investigational.

# Mechanical Cardiac Support and Replacement III EDUCATIONAL PROGRAM SCHEDULE

*Speakers and Chairs have been invited but not confirmed as of the date of the printing of this program.*



**FRIDAY** / November 7, 2003

11:00 am – 6:00 pm  
Registration

12:50 – 1:00 pm  
**Introduction**  
Robert C. Robbins, MD, Program Chair,  
Stanford University School of Medicine,  
Palo Alto, CA

## DEVICE UPDATES

1:00 – 2:00 pm  
**Session 1: Developing Devices**  
**Chairs:** Peer Portner, PhD and  
Robert L. Kormos, MD

1:00 pm – 1:08 pm  
**Novacor II**, Jal S. Jassawalla, MSME, MBA,  
WorldHeart Corporation, Oakland, CA

1:08 pm – 1:16 pm  
**Heartquest**, James W. Long, MD, PhD,  
LDS Hospital, Salt Lake City, UT

1:16 pm – 1:24 pm  
**Heartmate III**, David J. Farrar, PhD,  
Thoratec Corporation, Pleasanton, CA

1:24 pm – 1:32 pm  
**Sunshine Heart**, William S. Peters, MD,  
Sunshine Heart Company Ltd, Auckland,  
New Zealand

1:32 pm – 1:40 pm  
**Diagonal**, Helmut Reul, Dr-Ing, Gebäude  
Helmholtz-Institut, Aachen Technical  
University, Aachen, Germany

1:40 pm – 2:00 pm  
Panel Discussion

2:00 pm – 3:00 pm  
**Session 2: Preclinical Devices**  
**Chairs:** Soon J. Park, MD and  
Reiner P. Koerfer, MD

2:00 pm – 2:08 pm  
**Terumo**, Stephen Westaby, MBBS, FRCS,  
Oxford Heart Center, John Radcliffe  
Hospital, Oxford, United Kingdom

2:08 pm – 2:16 pm  
**Coraide**, Leonard A.R. Golding, MD, BS,  
Cleveland Clinic Foundation, Cleveland, OH

2:16 pm – 2:24 pm  
**Heartmate II**, Robert L. Kormos, MD,  
University of Pittsburgh Medical Center,  
Pittsburgh, PA

2:24 pm – 2:32 pm  
**VentrAssist**, Donald S. Esmore, MBBS,  
FRACS, Alfred Hospital, Melbourne,  
Australia

**2:32 pm – 2:40 pm**

**Impella**, Bart Meyns, PhD, University Hospital  
Gasthuisberg, Leuven, Belgium

**2:40 pm – 3:00 pm**

Panel Discussion

**3:00 pm – 3:30 pm**

Coffee Break

**3:30 pm – 6:00 pm**

**Session 3: Clinical Pulsatile Devices**

**Chairs:** Michael A. Acker, MD and  
Aly El-Banayosy, MD

**3:30 pm – 3:45 pm**

**Heartmate VE**, Walter P. Dembitsky, MD,  
Sharp Memorial Hospital, San Diego, CA

**3:45 pm - 4:00 pm**

**Novacor**, Peer M. Portner, PhD, Stanford  
University Medical Center, Palo Alto, CA

**4:00 pm – 4:15 pm**

**LionHeart**, Walter E. Pae, Jr., MD, Milton S.  
Hershey Medical Center, Hershey, PA

**4:15 pm – 4:30 pm**

**AbioCor**, Robert D. Dowling, MD, University of  
Louisville/Jewish Hospital, Louisville, KY

**4:30 pm – 4:45 pm**

**CardioWest**, Richard G. Smith, MSE, CCE,  
University Medical Center, Tucson, AZ

**4:45 pm – 5:00 pm**

**Thoratec**, J. Donald Hill, MD, California Pacific  
Medical Center, San Francisco, CA

**5:00 pm – 5:15 pm**

**Berlin Heart (Pediatrics)**, Roland Hetzer, MD,  
PhD, German Heart Institute, Berlin,  
Germany

**5:15 pm – 5:30 pm**

**Toyobo VAD**, Takeshi Nakatani, MD, PhD,  
National Cardiovascular Center, Osaka,  
Japan

**5:30 pm – 5:45 pm**

**CardioVad**, Val Jeevanandam, MD, University  
of Chicago, Chicago, IL

**5:45 pm – 6:15 pm**

Panel Discussion

**SATURDAY / November 8, 2003**

**8:00 am – 10:00 am**

**Session 4: Biological Issues**

**Chairs:** Francis D. Pagani, MD, PhD and  
Roland Hetzer, MD, PhD

**8:00 am – 8:15 am**

**Passive Constraint Devices**, Michael A.  
Acker, MD, University of Pennsylvania,  
Philadelphia, PA

**8:15 am – 8:30 am**

**Gene Expression in LVAD Patients**, Francis L.  
Johnson, MD, Palo Alto VA Health Care  
System, Palo Alto, CA

**8:30 am – 8:45 am**

**Myocardial Recovery: The Evidence**, Kenneth  
B. Margulies, MD, Temple University  
Medical School, Philadelphia, PA

**8:45 am – 9:00 am**

**Myocardial Recovery: The Challenges**, Aly El-  
Banayosy, MD, Heart Center NRW, Bad  
Oeynhausen, Germany

**9:00 am – 9:15 am**

**Role of Cellular Transplantation in  
Myocardial Recovery**, Doris A. Taylor, PhD,  
Duke University Medical Center, Durham, NC

**9:15 am – 9:30 am**

**Inflammation and Sensitization with LVAD  
Support**, Silviu Itescu, MD, Columbia  
University, New York, NY

**9:30 am – 10:00 am**

Panel Discussion

**10:00 am – 10:30 am**

Coffee Break

**10:30 am – 12:00 pm**

**Session 5: Continuous Flow Devices**

**Chairs:** George Wieselthaler, MD and  
O. Howard Frazier, MD

**10:30 am – 11:00 am**

**Continuous vs. Pulsatile Flow: Which is  
Better?**, Bartley P. Griffith, MD, University  
of Maryland, Baltimore, MD

**11:00 am – 11:15 am**

**Incor Update**, Johannes Mueller, MD, German  
Heart Institute, Berlin, Germany

**11:15 am – 11:30 am**

**Jarvik Update**, Friedhelm Beyersdorf, MD,  
Albert Ludwigs University, Freiburg,  
Germany

**11:30 am – 11:45 am**

**MicroMed Update**, George P. Noon, MD,  
Baylor College of Medicine, Houston, TX

**11:45 am – 12:00 pm**

Panel Discussion

**12:00 pm – 1:00 pm**

LUNCH

**1:00 pm – 3:00 pm**

**Session 6: Destination Therapy**

**Chairs:** Eric A. Rose, MD and  
Lynne Warner-Stevenson, MD

**1:15 pm – 1:30 pm**

**Patient Selection for Destination Therapy**,  
Lynne Warner-Stevenson, MD, Brigham  
and Women's Hospital, Boston, MA

**1:30 pm – 1:45 pm**

**Novacor Intrepid Trial Update**, Joseph G.  
Rogers, MD, Washington University School  
of Medicine, St. Louis, MO

**1:45 pm – 2:00 pm**

**Heartmate after REMATCH**, James W. Long,  
MD, PhD, LDS Hospital, Salt Lake City, UT

**2:00 pm – 2:15 pm**

**Neurologic Complications**, Ronald M. Lazar,  
MD, Neurological Institute, Columbia  
University, New York, NY

**2:15 pm – 2:30 pm**

**Infectious Complications**, William L. Holman,  
MD, University of Alabama, Birmingham, AL

**2:30 pm – 3:00 pm**

Panel Discussion

**3:00 pm – 3:30 pm**

Coffee Break

**3:30 pm – 5:00 pm**

**Session 7: Global Issues**

**Chairs:** Mehmet C. Oz, MD and  
James B. Young, MD

**3:30 pm – 3:45 pm**

**ISHLT Mechanical Circulatory Support  
Device Data Collection Database Update**,  
Mario C. Deng, MD, Columbia Presbyterian  
Medical Center, New York, NY

**3:45 pm – 4:15 pm**

**What Will Convince Heart Failure  
Cardiologists to Refer Patients for  
Destination Therapy**, Milton Packer, MD,  
Columbia Presbyterian Medical Center,  
New York, NY

**4:15 pm – 5:00 pm**

**Expert Roundtable: The Future of  
Mechanical Circulatory Support**

O. Howard Frazier, MD, Texas Heart Institute,  
Houston, TX

Roland Hetzer, MD, PhD, German Heart  
Institute, Berlin, Germany

Marvin Konstam, MD, Tufts-New England  
Medical Center, Boston, MA

Milton Packer, MD, Columbia Presbyterian  
Medical Center, New York, NY

Peer M. Portner, PhD, Stanford University  
Medical Center, Palo Alto, CA

Eric A. Rose, MD, Columbia Presbyterian  
Medical Center, New York, NY

Lynne Warner-Stevenson, Brigham and  
Women's Hospital, Boston, MA

Ernst Wolner, MD, University of Vienna,  
Vienna, Austria

**5:00 pm**

Meeting Adjourns

# 5th Fall Education Meeting Mechanical Cardiac Support and Replacement III

NOVEMBER 7 - 8, 2003 • RENAISSANCE ORLANDO RESORT AT SEA WORLD, ORLANDO, FL

## REGISTRATION POLICIES/INSTRUCTIONS FOR COMPLETING THE REGISTRATION FORM

1. The registration fee includes attendance at the meeting, syllabus, coffee breaks, and lunch.
  2. Please photocopy this form if you need additional copies.
  3. Non-members who wish to join the Society may register at the discounted member rate if they submit a completed membership application and membership fee WITH their registration form and fee. The membership fee for individuals joining the Society after July 1 is reduced by 50%.
  4. DO NOT fax your registration form if you are paying by check or bank draft. Registration forms are not considered received unless accompanied by payment.
  5. Individuals whose registration and payment are not postmarked by October 17, 2003 must register on-site and pay an additional \$50.00.
  6. Cancellations must be submitted in writing in order to qualify for any refund. For written cancellation notices received prior to September 27, 2003, a full refund of the scientific session registration fees paid will be given, less a \$50 handling fee. For written cancellation notices received between September 27 and October 31, 2003, a 50% refund of the scientific session registration fees paid will be given. For cancellations received after October 31, 2003, no refund will be given.
  7. \*The Allied Health rate is available only to nurses, transplant coordinators, pharmacists, social workers, perfusionists, and engineers. MDs, PhDs, individuals with doctorates, their equivalents, and pharmaceutical and device company employees/consultants must register at the full member or non-member rate. Non-member allied health registrants must include with their registration forms a letter signed by the chief/dean of their transplant program verifying their employment and allied health status. Non-member allied health registration forms submitted without this letter will not be processed.
- students. Non-member student/resident registrants must include with their registration forms a letter signed by the chief/dean of their program verifying their training status. Non-member student/resident registration forms submitted without this letter will not be processed.
8. Registration fees are determined by the date when payment in full is postmarked/faxed. Registration forms sent without payment in full or with invalid credit card numbers are subject to the registration fee in effect at the time payment in full is postmarked/faxed or when the correct credit card information is provided.
  9. Full payment in US funds only must accompany your registration. Checks must be made payable to ISHLT and must be drawn on a US bank. Any bank fees incurred for the processing of your payment will be billed to you.
  10. Bank Transfers should be sent to Chase Bank, NA, Quorum Branch, Addison, TX, ABA # 113000609, Phone: 972-934-6969, Account # 00400040840, Account Name: International Society for Heart and Lung Transplantation, For Further Credit to: (indicate here the name of the individual for whom you are paying), Swift Code: TCBKUS24. In order to insure that the transfer is applied to the proper individual, you must include the name of that individual in the wire transfer instructions as explained above and you must fax us the registration form and a copy of your wire transfer bank documentation. Non-compliance with these instructions may result in an inability to process your payment. Wire transfers are not valid until the funds have been received into the ISHLT bank account. Any bank fees charged for processing the wire must be paid by the sender. Bank Transfers must be received by October 24.
  11. Travel agencies/Sponsoring agencies will not be allowed to pick up multiple registrants' name badges. Only the person registered for the meeting may pick up their name badge.

\*\*The Student/Resident registration rate is available only to residents, fellows, medical students, nursing students, and graduate

**QUESTIONS????** Call the ISHLT Headquarters Office at 972-490-9495, or email us at [meetings@ishlt.org](mailto:meetings@ishlt.org), or fax us at 972-490-9499.

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## REGISTRATION FORM

Name: \_\_\_\_\_  
Last First Middle Initial\_\_\_\_\_  
Credential (MD, RN, etc.) Nickname for Badge (if desired)

Institution/Organization Name for Inclusion on Badge: \_\_\_\_\_

Preferred mailing Address. Please indicate if this is a home or business address:  Home  Business

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_ Country: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Please mark the box for the appropriate registration category and enter the amount in the right-hand column.

	Postmarked On or Before October 17	Postmarked After October 17/ON-SITE	Total Enclosed
<b>ISHLT MEMBERS</b>			
Regular Member	<input type="checkbox"/> \$300	<input type="checkbox"/> \$350	\$ _____
Allied Health Member*	<input type="checkbox"/> \$200	<input type="checkbox"/> \$250	\$ _____
Student/Resident Member**	<input type="checkbox"/> \$150	<input type="checkbox"/> \$200	\$ _____

**ISHLT NON MEMBERS**

Regular Non-Member	<input type="checkbox"/> \$400	<input type="checkbox"/> \$450	\$ _____
Allied Health Non-Member* (include letter)	<input type="checkbox"/> \$300	<input type="checkbox"/> \$350	\$ _____
Student/Resident Non-Member** (include letter)	<input type="checkbox"/> \$200	<input type="checkbox"/> \$250	\$ _____

\*see instruction #7 on reverse side of this page

TOTAL PAYMENT DUE AND ENCLOSED \$ \_\_\_\_\_

Full payment in **US funds only** must accompany your registration. Checks must be made payable to ISHLT and must be drawn on a US bank. any bank fees incurred for the processing of your payment will be billed to you. if you prefer to pay by credit card, please complete the following and EITHER mail or fax so that your card does not get charged twice.

Credit Card:  Visa  Mastercard  American Express  JCBCard Number: \_\_\_\_\_  
(be sure to include the last 4 digits of your card number)

Expiration Date: \_\_\_\_\_ Signature: \_\_\_\_\_



Please send this form and payment in full to:  
International Society for Heart and Lung Transplantation  
14673 Midway Road, Suite 200, Addison, TX 75001, 972-490-9495  
Fax credit card payments to: 972-490-9499