

NewYork-Presbyterian Hospital/  
Columbia University Medical Center  
presents

# CATCH-UP 2012

**Heart Failure, Devices, and Interventions**

**Thursday May 17, 2012**

**3RD ANNUAL  
ASSIST DEVICE  
THERAPY COURSE**



COLUMBIA UNIVERSITY  
*College of Physicians  
and Surgeons*

 **NewYork-Presbyterian**

## Introduction

The goal of this one-day educational course is to fully understand chronic and acute heart failure. Lectures will be organized into 4 sessions focusing on the diagnosis of heart failure, cardiogenic shock, indications for device therapy, and heart transplant. Didactic sessions, case presentations, audience polling, and interactive discussions will engender learning and improvement in the management of patients with the full spectrum of heart failure.

## Target Audience

This activity is designed for cardiologists, interventional cardiologists, cardiothoracic surgeons, internists, cardiac nurses, physician assistants, physical therapists, and other medical professionals involved in the evaluation, diagnosis and/or management of patients with heart failure.

## Learning Objectives

- Demonstrate an understanding of current clinical trials in heart failure
- Compare the benefits of cardiac resynchronization therapy (CRT) and ablation therapy for atrial fibrillation patients
- Identify the types of percutaneous and surgical devices available to treat cardiogenic shock
- Recognize the limitations of LVAD therapy and understand how to manage them appropriately
- Discuss the future of device therapy
- Recognize the benefits of cardiac transplantation
- Select patients for cardiac transplantation and/or device therapy
- Identify available technology and the indications for ECMO
- Compare ventricular assist devices (VADs) available for the treatment of congenital heart disease

## Accreditation

The College of Physicians and Surgeons of Columbia University is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

## Designation of Credit

The College of Physicians and Surgeons designates this live activity for a maximum of 7.75 *AMA PRA Category 1 Credits*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nurses and physician assistants are encouraged to check with their accrediting organization to ensure they accept *AMA PRA Category 1 Credits*<sup>™</sup>.

## Disclosure Statement

The College of Physicians and Surgeons must ensure balance, independence, objectivity, and scientific rigor in its educational activities. All faculty participating in this activity are required to disclose to the audience any significant financial interest and/or other relationship with the manufacturer(s) of any commercial product(s) and/or provider(s) of commercial services discussed in his/her presentation and/or the commercial contributor(s) of this activity. When unlabeled uses are discussed, these will also be indicated.

## Support

We expect support for this program through grants from pharmaceutical and medical device companies.

## Program Location

NewYork-Presbyterian Hospital/  
Columbia University Medical Center  
Vivian and Seymour Milstein Family  
Heart Center  
Myrna L. Daniels Auditorium  
173 Fort Washington Avenue, NY, NY 10032

## Parking

Parking is available at the NewYork-Presbyterian Hospital/Columbia University Medical Center parking lot, located on the southwest corner of Fort Washington Avenue and West 165th Street. Parking is not included in the registration fee for this course.

## Subway

Take the 1, A, C lines to 168 Street–Washington Heights/Broadway.

## Local Area Hotels

For a listing of local area hotels, please visit [www.ColumbiaSurgeryCME.org](http://www.ColumbiaSurgeryCME.org) and select CATCH-UP 2012.

## **PROGRAM AGENDA**

**7:30am – 8:15am . . . . Registration, Breakfast, and Vendor Exhibits**

8:15am – 8:20am . . . . Welcome and Introduction — *Ulrich P. Jorde, MD*

### **Session 1: Diagnosing, Treating, and Monitoring Heart Failure**

8:20am – 8:45am . . . . Investigational Drugs in the Treatment of Acute Heart Failure:  
A Global Perspective — *Gad Cotter, MD, FACC, FESC*

8:45am – 9:15am . . . . Diagnosing Heart Failure: Biopsy for All? — *Paolo C. Colombo, MD, FACC*

9:15am – 9:30am . . . . Monitoring Heart Failure: Review of Current and Investigational  
Technologies — *Mathew S. Maurer, MD*

9:30am – 10:15am . . . . Device Therapy in Atrial Fibrillation: CRT, Ablation, and LAA Closure in  
Patients with Congestive Heart Failure — *Saibal Kar, MD*  
*Comments by Hasan Garan, MD, MS*

**10:15am – 10:25am . . . Q&A**

**10:25am – 10:45am . . . Break and Vendor Exhibits**

### **Session 2: Device Therapy in Cardiogenic Shock**

10:45am – 10:55am . . . . Medical Rx and Hemodynamics of Cardiogenic Shock — *Nir Uriel, MD*

10:55am – 11:10am . . . . Currently Available and Investigational Percutaneous Devices  
— *Jeffrey W. Moses, MD*

11:10am – 11:30am . . . . Columbia ECMO/Centrimag Experience (150 cases)  
— *Hiroo Takayama, MD, PhD*

11:30am – 11:40am . . . . Shock at OSH and Transfer: Are Outcomes Different?  
— *José González Costello, MD*

11:40am – 12:15pm . . . . What Would You Do? Case Presentations and Q&A  
*Panelists: Susheel K. Kodali, MD & Mathew R. Williams, MD*

- Case 1: A 21 Year Old Woman with Acute Myocardial Infarction and Cardiogenic Shock — *Speaker TBC*
- Case 2: A 72 Year Old Man with AMI, Complete Cardiovascular Collapse, and Pulmonary Edema Complicating Extracorporeal Membrane Support (ECMO) — *Speaker TBC*
- Case 3: A 57 Year Old Woman with Cardiogenic Shock and Isolated RV Infarction — *Speaker TBC*

**12:15pm – 1:00pm . . . . Lunch and Vendor Exhibits**

### **Session 3: Mechanical Circulatory Support in Chronic Heart Failure**

1:00pm – 1:15pm . . . . VAD Therapy at Columbia in 2012: Is a 75% Two-year Survival an  
Achievable Goal in Destination Therapy Patients? — *Ulrich P. Jorde, MD*

1:15pm – 1:45pm . . . . Limitations of LVAD Therapy

- Infection: Prevention and Surgical Management — *Khristine Orlanes, ANP-c*
- Right Heart Failure: Who Gets It? — *Maryjane Farr, MD, MSc*
- Bleeding: How to Handle Anticoagulation During Non-cardiac Surgery and GI Bleeding — *Paolo C. Colombo, MD, FACC*
- Pump Thrombosis: Diagnosis and Management — *Nir Uriel, MD*

1:45pm – 2:15pm . . . . The Future of LVAD Therapy and Why LVADs will Replace Heart Transplant — *Mark S. Slaughter, MD*

2:15pm – 2:40pm . . . . Role of Heart Transplantation in the Era of Chronic Mechanical Support — *Donna M. Mancini, MD*

**2:40pm – 2:50pm . . . . Q&A**

**2:50pm – 3:10pm . . . . Break and Vendor Exhibits**

3:10pm – 4:25pm . . . . Too Early, Too Late, Too Big, Too Old?  
Candidate Selection for Device Therapy

- Case 1: A 38 Year Old Woman with Acute Giant Cell Myocarditis — *Nir Uriel, MD*
- Case 2: Two 82 Year Old Men with Ischemic Cardiomyopathy and Elevated Serum Creatinine. They Look the Same but are They? Role of Renal Function and the Frailty Index — *P. Christian Schulze, MD, PhD*
- Case 3: A 62 Year Old Golf Enthusiast with DCM (LVEDD 8.2 cm) and NYHA Class III Heart Failure — *Rachel Bijou, MD*
- Case 4: A 67 Year Old Woman with Class IV Heart Failure and Normal Ejection Fraction — *Mathew S. Maurer, MD*
- Case 5: A 40 Year Old Woman with Severe Pulmonary Hypertension: LVAD, RVAD, BiVAD, or No VAD? — *Jennifer H. Haythe, MD*
- Case 6: A 52 Year Old Man s/p STEMI on Biventricular Short Term Support: Explant, Long Term Implant, or Transplant? — *Daniel B. Sims, MD*
- Case 7: A 53 Year Old Man with New and Severe RHF Following LVAD Implant: What Now? — *Farhana Latif, MD*

**4:25pm – 4:40pm . . . . Break and Vendor Exhibits**

**Session 4: New Horizons: Adult Congenital Heart Disease**

4:40pm – 4:50pm . . . . Review of the Syncardia Total Artificial Heart — *Hiroo Takayama, MD, PhD & Melana Yuzefpolskaya, MD*

4:50pm – 5:30pm . . . . VAD in Congenital Heart Disease: Are We There Yet?  
*Panelists: Emile A. Bacha, MD, Yoshifumi Naka, MD, PhD, & Marlon S. Rosenbaum, MD*

- Case 1: Corrected TOF with Failing RV: Should They Get a VAD? — *Susan W. Restaino, MD*
- Case 2: Corrected TGA with Failing Systemic Ventricle: Should They Get a VAD? — *Maryjane Farr, MD, MSC*
- Your Cases (Audience Cases)

**5:30pm – 5:45pm . . . . Q&A and Closing Remarks** — *Ulrich P. Jorde, MD*

**5:45pm – 6:30pm . . . . Reception**

**Special Events: Stations Available Throughout the Day**

Live Demonstration of Device Interrogations, Battery Exchange, Change from Battery to Console: Trouble Shooting with the Experts

— *Ventricular Assist Nurse Practitioners: Margaret Flannery, FNP-c, Chief, JoAnne Chichetti, ANP-c, Jennifer Murphy, ANP-c, Kristine Orlanes, ANP-c, Rosie Te-Frey, ANP-c, & Marie Finelle Torres, ANP-c*

VAD Clinical Trial Station: What's Coming? — *Katharine Idrissi, RN, MSN, Director, Research and Education, Mechanical Circulatory Support Program*

## **Program Directors**

### **Ulrich P. Jorde, MD**

Associate Professor of Medicine  
Columbia University College of Physicians and Surgeons  
Medical Director, Mechanical Circulatory Support Program  
NewYork-Presbyterian Hospital/  
Columbia University Medical Center

### **Yoshifumi Naka, MD, PhD**

Associate Professor of Surgery  
Division of Cardiothoracic Surgery  
Columbia University College of Physicians and Surgeons  
Director, Cardiac Transplantation Program and Mechanical  
Circulatory Support Program  
NewYork-Presbyterian Hospital/  
Columbia University Medical Center

## **Program Faculty**

### **Emile A. Bacha, MD**

Professor of Surgery  
Columbia University College of Physicians and Surgeons  
Adjunct Professor of Surgery  
Weill Cornell Medical College  
Chief, Congenital and Pediatric Cardiac Surgery  
Chief, Division of Cardiothoracic Surgery  
NewYork-Presbyterian Morgan Stanley Children's Hospital/  
Columbia University Medical Center

### **Rachel Bijou, MD**

Associate Clinical Professor of Medicine  
Columbia University College of Physicians and Surgeons  
NewYork-Presbyterian Hospital/  
Columbia University Medical Center

### **Paolo C. Colombo, MD, FACC**

Associate Professor of Medicine  
Center for Advanced Cardiac Care  
Division of Cardiology  
Columbia University College of Physicians and Surgeons  
Associate Medical Director, Mechanical Circulatory  
Support Program  
NewYork-Presbyterian Hospital/  
Columbia University Medical Center

### **Gad Cotter, MD, FACC, FESC**

President and CEO  
Momentum Research, Inc.

### **Maryjane Farr, MD, MSc**

Assistant Professor of Clinical Medicine  
Center for Advanced Cardiac Care  
Columbia University College of Physicians and Surgeons  
NewYork-Presbyterian Hospital/  
Columbia University Medical Center

### **Hasan Garan, MD, MS**

Professor of Medicine  
Columbia University College of Physicians and Surgeons  
Director, Cardiac Electrophysiology  
NewYork-Presbyterian Hospital/  
Columbia University Medical Center

### **José González Costello, MD**

Staff Cardiologist  
Advanced Heart Failure and Heart Transplant Unit  
Hospital Universitari de Bellvitge  
Barcelona, Spain

### **Jennifer H. Haythe, MD**

Assistant Professor of Clinical Medicine  
Center for Advanced Cardiac Care  
Columbia University College of Physicians and Surgeons  
NewYork-Presbyterian Hospital/  
Columbia University Medical Center

### **Saibal Kar, MD**

Director, Cardiovascular Interventional Cardiac Research  
Heart Institute  
Cedars-Sinai Medical Center  
Los Angeles, CA

### **Susheel K. Kodali, MD**

Assistant Professor of Clinical Medicine  
Columbia University College of Physicians and Surgeons  
Director, Interventional Cardiology Fellowship Program  
Co-Director, Columbia Valve Center  
NewYork-Presbyterian Hospital/  
Columbia University Medical Center

### **Farhana Latif, MD**

Assistant Professor of Clinical Medicine  
Columbia University College of Physicians and Surgeons  
NewYork-Presbyterian Hospital/  
Columbia University Medical Center

### **Donna M. Mancini, MD**

Professor of Medicine  
Sudhir Choudhrie Professor of Cardiology  
Columbia University College of Physicians and Surgeons  
Medical Director, Center for Advanced Cardiac Care  
NewYork-Presbyterian Hospital/  
Columbia University Medical Center

### **Mathew S. Maurer, MD**

Associate Professor of Clinical Medicine  
Columbia University College of Physicians and Surgeons  
Co-Director, The HCM Program  
NewYork-Presbyterian Hospital/  
Columbia University Medical Center

### **Jeffrey W. Moses, MD**

Professor of Medicine  
Columbia University College of Physicians and Surgeons  
NewYork-Presbyterian Hospital/  
Columbia University Medical Center

**Khristine Orlanes, ANP-c**

Ventricular Assist Nurse Practitioner  
Columbia University College of Physicians and Surgeons  
NewYork-Presbyterian Hospital/  
Columbia University Medical Center

**Susan W. Restaino, MD**

Associate Professor of Clinical Medicine  
Columbia University College of Physicians and Surgeons  
NewYork-Presbyterian Hospital/  
Columbia University Medical Center

**Marlon S. Rosenbaum, MD**

Associate Clinical Professor of Medicine and Pediatrics  
Columbia University College of Physicians and Surgeons  
Director, Schneeweiss Adult Congenital Heart Center  
NewYork-Presbyterian Hospital/  
Columbia University Medical Center

**P. Christian Schulze, MD, PhD**

Florence Irving Assistant Professor of Medicine  
Columbia University College of Physicians and Surgeons  
NewYork-Presbyterian Hospital/  
Columbia University Medical Center

**Daniel B. Sims, MD**

Assistant Professor of Medicine  
Center for Heart Failure Therapy and Transplantation  
Emory University Hospital  
Atlanta, GA

**Mark S. Slaughter, MD**

Professor and Chief  
Division of Thoracic and Cardiovascular Surgery  
Director, Mechanical Assist Device and  
Heart Transplant Program  
University of Louisville  
Louisville, KY

**Hiroo Takayama, MD, PhD**

Assistant Professor of Surgery  
Division of Cardiothoracic Surgery  
Columbia University College of Physicians and Surgeons  
Director, Acute Circulatory Support Program  
Co-Director, The HCM Program  
NewYork-Presbyterian Hospital/  
Columbia University Medical Center

**Nir Uriel, MD**

Assistant Professor of Medicine  
Columbia University College of Physicians and Surgeons  
Medical Director of Research, Mechanical Circulatory  
Support Program  
NewYork-Presbyterian Hospital/  
Columbia University Medical Center

**Mathew R. Williams, MD**

Assistant Professor in Surgery & Medicine  
Columbia University College of Physicians and Surgeons  
Cardiac Surgery & Interventional Cardiology  
Co-Director, Columbia Valve Center  
NewYork-Presbyterian Hospital/  
Columbia University Medical Center

**Melana Yuzefpolskaya, MD**

Instructor of Clinical Medicine  
Department of Medicine, Division of Cardiology  
Columbia University College of Physicians and Surgeons  
NewYork-Presbyterian Hospital/  
Columbia University Medical Center

**Contact Information**

Columbia University Medical Center  
Department of Surgery, External Affairs  
400 Kelby Street, 11th Floor  
Fort Lee, NJ 07024

**Program Administrator**

**Deborah Schwarz, RPA, CIBE**  
Executive Director and  
Chief Communications Officer  
Columbia University Medical Center  
Department of Surgery, External Affairs

**Program Coordinator**

**Stephanie Scheeler**  
Special Events Coordinator  
Columbia University Medical Center  
Department of Surgery, External Affairs  
Phone: 201-346-7003 • Fax: 201-346-7011  
E-mail: sas2258@columbia.edu

**Registration Fees**

Physicians claiming CME credit – \$160  
Physicians not claiming CME credit – \$130

Non-physicians, nurses and other clinical  
staff claiming CME credit – \$105

Non-physicians, nurses and other clinical  
staff not claiming CME credit – \$75

This program is gratis to residents and  
fellows but pre-registration is required.

Fees include program lectures, course  
materials, meals and reception.

A confirmation e-mail will be sent upon  
receipt of registration and payment  
(if applicable).

Please note industry exhibits are ONLY open  
to non-NYPH staff.

## Registration

Please register me for the continuing medical education program entitled:

### **CATCH-UP 2012: Heart Failure, Devices, and Interventions Thursday May 17, 2012**

- Physicians claiming CME credit – \$160
- Physicians not claiming CME credit – \$130
- Non-physicians, nurses and other clinical staff claiming CME credit – \$105
- Non-physicians, nurses and other clinical staff not claiming CME credit – \$75
- Residents and fellows – \$0

Space is limited, so early registration is highly encouraged.

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First Name (Please Print or Type)    MI    Last Name    Degree

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Company/Affiliation

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Address

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City    State    Zip

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Daytime Phone    Daytime Fax

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E-mail (required for confirmation purposes)

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Specialty

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Special Needs (specify accommodations needed or dietary needs)

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Attendee Signature    Date

PLEASE NOTE: Registration is limited and will be handled on a first-come, first-served basis. Telephone registrations and/or cancellations are not accepted. Refund of registration fee, less a \$25 administrative charge, will be made if written notice of cancellation is received by May 3, 2012. No refunds can be made thereafter.

## Payment Method

**Online:** To make a credit card payment, please register online at [www.ColumbiaSurgeryCME.org](http://www.ColumbiaSurgeryCME.org) and select CATCH-UP 2012. For security purposes, credit card payments cannot be accepted in the mail or by phone. American Express, Discover, MasterCard, and Visa are accepted.

**By Mail:** Please complete this registration form and mail together with full payment to:

Columbia University Medical Center  
Department of Surgery, External Affairs  
400 Kelby Street, 11th Floor  
Fort Lee, NJ 07024  
ATTN: CATCH-UP 2012 Coordinator

Enclose a check or money order made payable to Columbia University Department of Surgery. Checks must be drawn in U.S. dollars on a U.S. bank.

Columbia University Medical Center  
Department of Surgery, External Affairs  
400 Kelby Street, 11th Floor  
Fort Lee, New Jersey 07024

# CATCH-UP 2012

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Vivian and Seymour Milstein Family Heart Center

This activity has been approved for *AMA PRA Category 1 Credit™*.

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