

CATCH-UP 2016

Heart Failure, Devices and Interventions
Friday, March 18 & Saturday, March 19, 2016

**7TH ANNUAL
CARDIAC ASSIST
DEVICE THERAPY
COURSE**



*25+ Years of Pioneering Work in
Ventricular Assist Devices*



COLUMBIA UNIVERSITY
*College of Physicians
and Surgeons*

 **New York-Presbyterian**

Introduction

CATCH-UP 2016 is the 7th Annual Cardiac Assist Device Therapy Course hosted by NewYork-Presbyterian/Columbia University Medical Center. This premier two-day course will further educate on the diagnosis and management of patients with heart failure. Lectures will be given by internationally recognized experts who will address the current clinical practice, use of standard and emerging treatments and evolution of the field. Didactic sessions, case presentations 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, intensivists, 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

- Diagnose and treat valvular disease in heart failure
- Discuss cutting edge treatment in cardiac transplantation
- Identify transplant, and LVAD candidates in the heart failure population
- Recognize and treat complications of LVAD therapy
- Discuss new LVAD technologies
- Review referral and shared care of LVAD patients
- Review recent clinical trials in heart failure and pulmonary hypertension

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.

AMA Credit Designation Statement

The College of Physicians and Surgeons designates this live activity for a maximum of 13.75 *AMA PRA Category 1 Credits*[™]. 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*[™].

Support

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

Program Agenda

Friday, March 18, 2016

- 7:15am - 8:15am** **Registration, Breakfast & Vendor Exhibits**
- 8:15am - 8:30am Welcome & Introduction — *Paolo C. Colombo, MD, FACC*
- 8:30am - 10:15am** **Device Therapy for Patients in SHOCK**
Panelists: A. Reshad Garan, MD, Jeffrey W. Moses, MD, Hiroo Takayama, MD, PhD, Koji Takeda, MD, PhD, Nir Uriel, MD, MSc
- 8:30am - 8:50am Hemodynamics of Cardiogenic Shock: The rise of the machines — *Nir Uriel, MD, MSc*
- 8:50am - 9:10am Percutaneous Options in Cardiogenic Shock: Focus on RV support (RP Impella, ProtexDuo catheter, percutaneous axillary balloon pump, and more) — *Jeffrey W. Moses, MD*
- 9:10am - 9:30am ECMO (V-V, V-A, V-A-V) and CentriMag (RVAD, LVAD, BIVAD) – The Columbia Experience (“KojiVAD”): Can we ever spare the sternum? — *Hiroo Takayama, MD, PhD*
- 9:30am - 10:00am Challenging Cases
- 10:00am - 10:15am Q&A
- 10:15am - 10:30am** **Break & Vendor Exhibits**
- 10:30am - 10:55am** **State of the Art Lecture – Heart Surgery to Repair Congenital Heart Disease: From the Crib to Old Age** — *Emile A. Bacha, MD*
- 10:55am - 12:35pm** **Long-term LVADs – The Columbia Multidisciplinary Approach**
Panelists: Mandeep R. Mehra, MD, FACC, FACP, FRCP, Yoshifumi Naka, MD, PhD, Francis D. Pagani, MD, PhD, Robert N. Sladen, MD, Nir Uriel, MD, MSc
- 10:55am - 11:15am LVAD Therapy: The future belongs to us — *Paolo C. Colombo, MD, FACC*
- 11:15am - 11:35am Tailoring Pumps and Surgical Approach to Individual Patients — *Yoshifumi Naka, MD, PhD*
- 11:35am - 11:55am Perioperative Hemodynamic Optimization in LVAD Patients — *Robert N. Sladen, MD*
- 11:55am - 12:25pm Cases: Too Often too Late...
- 12:25pm - 12:35pm Q&A
- 12:35pm - 1:25pm** **Lunch & Vendor Exhibits**

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| 1:25pm - 3:10pm | Limitations of LVAD Therapy: RV failure, Thrombosis, Bleeding and More |
| 1:25pm - 1:40pm | Options for Long-Term Biventricular Support — <i>Melana Yuzefpolskaya, MD</i> |
| 1:40pm - 1:55pm | Initiation and Monitoring of Anticoagulation — <i>Douglas Jennings, PharmD</i> |
| 1:55pm - 2:10pm | The Columbia Recipe for Device Thrombosis: Is this the beginning of the end? — <i>Andrew Eisenberger, MD</i> |
| 2:10pm - 2:25pm | Stroke Management — <i>Joshua Z. Wiley, MD, MS</i> |
| 2:25pm - 2:40pm | GI Bleed: A VAD gastroenterologist perspective — <i>Tamas A. Gonda, MD</i> |
| 2:40pm - 2:55pm | The Renal Risk Prediction Model — <i>Veli Topkara, MD</i> |
| 2:55pm - 3:10pm | VT Management & Columbia Algorithm for ICD Therapy — <i>A. Reshad Garan, MD</i> |
| 3:10pm - 3:25pm | Q&A |
| 3:25pm - 3:40pm | Break & Vendor Exhibits |
| 3:40pm - 5:05pm | Cutting Edge of Cardiac Transplantation <i>Panelists: Maryjane A. Farr, MD, MSc, FACC, Jon A. Kobashigawa, MD, Guillaume Lebreton, MD, Mandeep R. Mehra MD, FACC, FACP, FRCP, Susan Restaino MD, Greg Segal, Co-Founder, ORGANIZE</i> |
| 3:40pm - 4:05pm | Cardiac Transplantation – State of the Field — <i>Jon A. Kobashigawa, MD</i> |
| 4:05pm - 4:20pm | Heart Allocation in the U.S. — <i>Maryjane A. Farr, MD, MSc, FACC</i> |
| 4:20pm - 4:35pm | Registration for Organ Donation in the New Millennium — <i>Greg Segal, Co-Founder, ORGANIZE</i> |
| 4:35pm - 4:50pm | NYC-Paris Nonstop: MCS Bridge to Heart Transplant: Heart allocation in the EU — <i>Guillaume Lebreton, MD</i> |
| 4:50pm - 5:05pm | Q&A |
| 5:05pm - 6:10pm | LVAD Pipeline – New Investigational Devices |
| 5:05pm - 5:20pm | Where Are We With Fully Implantable LVAD: FILVAS (St. Jude Medical Corporation) — <i>John B. (Jack) O’Connell, MD</i> |
| 5:20pm - 5:35pm | MVAD and Circulite (HeartWare) — <i>Daniel Burkhoff, MD, PhD</i> |
| 5:35pm - 5:50pm | ReliantHeart — <i>Bryan Lynch, Chief Technology Officer</i> |
| 5:50pm - 6:10pm | Historical Perspective on Mechanical Circulatory Support — <i>Robert Jarvik, MD</i> |
| 6:10pm - 6:15pm | Adjourn & Closing Remarks |

Saturday, March 19, 2016

- 7:30am - 8:30am** **Registration, Breakfast & Vendor Exhibits**
- 8:30am - 9:40am** **Cardiac Regeneration – Constantly Pushing the Envelope**
- 8:30am - 9:15am Updates from the Lisa and Mark Schwartz Program to Reverse Heart Failure — *Barry Fine, MD, PhD, Veli Topkara, MD, Gordana Vunjak-Novakovic, PhD*
- 9:15am - 9:40am Cardiac Regeneration – State of the Field: How far are we from reality? — *Stavros Drakos, MD, PhD*
- 9:40am - 11:10am** **Treatment of Advanced Heart Failure: Valves, Coronaries and More**
Panelists: Dimitrios Karpaliotis, MD, Susheel K. Kodali, MD, Yoshifumi Naka, MD, PhD, Francis D. Pagani, MD, PhD, Allan Schwartz, MD
- 9:40am - 10:00am Percutaneous Valve Therapy — *Susheel K. Kodali, MD*
- 10:00am - 10:20am Percutaneous Coronary Intervention for Chronic Total Occlusion — *Dimitrios Karpaliotis, MD*
- 10:20am - 10:40am Surgical Treatments in Advanced Heart Failure — *Francis D. Pagani, MD, PhD*
- 10:40am - 11:10am Challenging Cases
- 11:10am - 11:25am** **Break & Vendor Exhibits**
- 11:25am - 11:50am** **Key Note Lecture: Hegel and Heart Failure: The Theory of Everything** — *Mandeep R. Mehra, MD, FACC, FACP, FRCPC*
- 11:50am - 12:50pm** **Lunch & Vendor Exhibits**
- 12:50pm - 4:30pm** **Heart Failure**
- 12:50pm - 1:05pm Preventing HF Readmission — *Detlef Wencker, MD*
- 1:05pm - 1:20pm Pulmonary Hypertension — *Evelyn M. Horn, MD*
- 1:20pm - 1:35pm HFpEF — *Mathew S. Maurer, MD*
- 1:35pm - 1:50pm Pregnancy and HF — *Jennifer H. Haythe, MD*
- 1:50pm - 2:05pm HCM — *Farhana Latif, MD*
- 2:05pm - 2:20pm** **Break & Vendor Exhibits**
- 2:20pm - 2:40pm CardioMems Debate — *Jennifer H. Haythe, MD and Susan Restaino, MD*
- 2:40pm - 3:00pm Entresto Conundrum — *Mathew S. Maurer, MD and Warren Rosenblum, MD*
- 3:00pm - 3:20pm Ivabradine: To block or NOT to block — *Emily J. Tsai, MD and Rachel Bijou, MD*

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| 3:20pm - 3:35pm | Advanced Heart Failure: When to refer to a tertiary care center — <i>Paolo C. Colombo, MD, FACC</i> |
| 3:35pm - 3:50pm | Clinical and Administrative View in LVAD Shared Care — <i>James J. Lyons, MD, FACC</i> |
| 3:50pm - 4:30pm | Troubleshooting/Life Experiences VAD NPs & LVAD Patients |
| 4:30pm - 4:35pm | Adjourn & Closing Remarks |

Contact Information

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

Course Organizers

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Meeting Location

NewYork-Presbyterian/Columbia University Medical Center
Vivian and Seymour Milstein Family Heart Center
173 Fort Washington Avenue, New York, NY 10032

Transportation

Parking: Parking is available at the NewYork-Presbyterian/Columbia University Medical Center parking garage, located on the southwest corner of Fort Washington Avenue and West 165th Street. Parking fee is NOT included with registration.

Valet parking is available at the entrance of the Milstein Hospital Building located at 177 Fort Washington Avenue.

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

Hotels

Local Area Hotels: For a listing of local area hotels, visit www.ColumbiaSurgeryCME.org and select **CATCH-UP 2016 CME**.

Course Directors

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

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Guest Faculty

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The Heart Center
Vassar Brothers Medical Center

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Director, Center for Circulatory Support
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Co-founder, ORGANIZE

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Section Chief, Advanced Heart Failure Program
Heart Failure, Heart Transplant, Mechanical
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University of Maryland Medical Center

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Post-Doctoral Fellow in Biomedical Engineering

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Center for Advanced Cardiac Care
Medical Director of Adult Pulmonary Hypertension
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Laboratory for the Elderly

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Assistant Professor of Medicine

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Mikata Foundation Professor of Biomedical
Engineering
Professor of Medical Sciences

Joshua Z. Wiley, MD, MS

Assistant Professor of Neurology
Columbia University Medical Center
Assistant Attending Neurologist, Stroke Service



Registration Fees

Seating in the Myrna L. Daniels Auditorium:

Physicians – \$325

Nurses and other clinicians – \$225

Non-medical professionals – \$750

Seating in the side Conference Rooms (with live broadcast from the Auditorium):

NYP physicians – \$200

Residents, cardiovascular trainees and students – \$100

NYP nurses and other clinicians – \$100

NYP residents, cardiovascular trainees and students – \$0

Registration fees include two days of lectures, course materials, and meals. A confirmation e-mail will be sent upon receipt of registration and payment.

Payment Method

Online: To make a credit card payment, please register online at www.ColumbiaSurgeryCME.org and select **CATCH-UP 2016**. 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 the attached 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 2016 Course

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.

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 February 26, 2016. No refunds can be made thereafter.

Registration

Please register me for the continuing medical education program entitled:

CATCH-UP 2016: Heart Failure, Devices, and Interventions March 18 and 19, 2016

- Physicians (Auditorium seating) – \$325
- Nurses and other clinicians (Auditorium seating) – \$225
- Non-medical professionals (Auditorium seating) – \$750
- NYP physicians (Conference Room seating) – \$200
- NYP nurses and other clinicians (Conference Room seating) – \$100
- Residents, cardiovascular trainees and students (Conference Room seating) – \$100
- NYP residents, cardiovascular trainees and students – \$0

Space is limited, so early registration is highly encouraged.

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

Company/Affiliation

Address

City State Zip

Daytime Phone Daytime Fax

E-mail (required for confirmation purposes)

Specialty

Special Needs (specify accommodations needed or dietary needs)

Attendee Signature Date

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