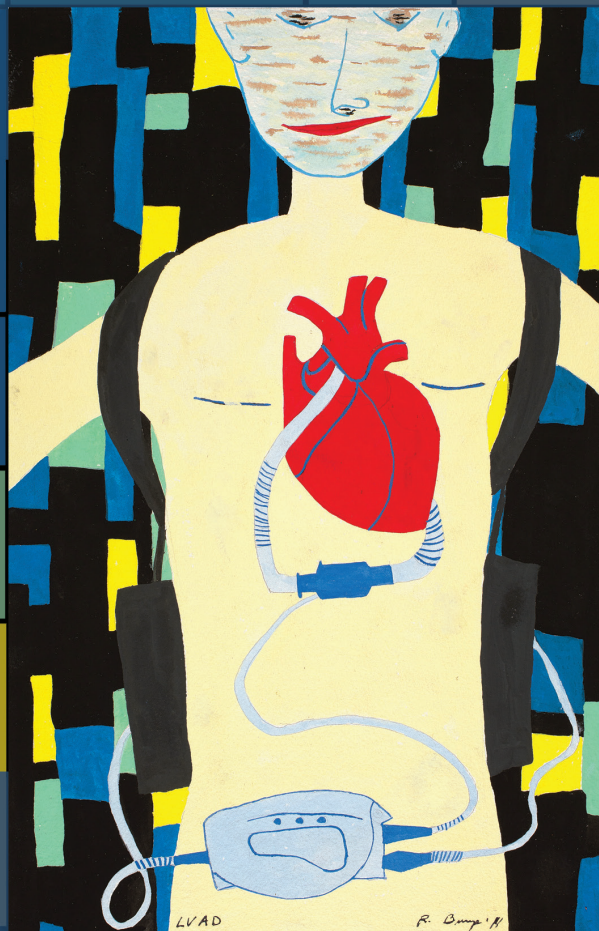


*9th Annual Review of Advances in
Heart Failure, Mechanical Circulatory Support & Transplantation*

CATCH-UP 2018

Heart Failure, Devices and Interventions
Friday, April 27 & Saturday, April 28, 2018



*Celebrating the 40th Anniversary of Heart Transplantation at NYP &
25+ Years of Pioneering Work in Mechanical Circulatory Support*



COLUMBIA UNIVERSITY

*College of Physicians
and Surgeons*

 **New York-Presbyterian**

Introduction

CATCH-UP 2018 is the 9th 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 advanced heart failure. Lectures will be given by internationally recognized experts who will address the newest clinical trials published in the field, and review standard and emerging treatments for advanced heart failure patients. 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

- Review the newest therapies in pulmonary hypertension and cardiac amyloid
- Discuss the new heart transplant allocation system
- Review the indications for ECMO placement and overview of cardiogenic shock team
- Discuss indication for referral to heart failure center
- Discuss management of complex coronary artery disease in heart failure patients
- Review newest advances in percutaneous valve therapy

Accreditation Statement

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the collaboration of Columbia University Department of Surgery and Amedco. Amedco is accredited by the ACCME to provide continuing medical education for physician.

Credit Designation Statement

Amedco designates this live activity for a maximum of 12.75 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Satisfactory Completion

Participants must complete an evaluation form to receive a certificate of completion. Your chosen sessions must be attended in their entirety. Partial credit of individual sessions is not available. If you are seeking continuing education credit for a specialty not listed below, it is your responsibility to contact your licensing/certification board to determine course eligibility for your licensing/certification requirement.

Physicians

Accreditation Statement—In support of improving patient care, this activity has been planned and implemented by Columbia University Department of Surgery and Amedco. Amedco is jointly accredited by the American Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Support

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

Program Agenda

Friday, April 27, 2018

- 7:00am-8:00am** **Registration, Breakfast & Vendor Exhibits**
- 8:00am-8:05am** **Welcome & Introduction NewYork-Presbyterian:
On the Cutting Edge of Heart Failure Management**
— *Laura L. Forese, MD, MPH*
- 8:05am-10:25am** **Heart Failure: Classical Repertoire, Modern Instruments**
- 8:05am-8:25am My Heart Failure Patient in 2018
— *Paolo C. Colombo, MD, FACC*
- 8:25am-8:45am What Heart Failure Providers Need to Know About PAH
— *Evelyn M. Horn, MD, FACC*
- 8:45am-9:05am RV Failure: Clinical and Molecular Underpinnings
— *Emily J. Tsai, MD, FACC, FAHA*
- 9:05am-9:25am Women and Heart Disease: The Forgotten Epidemic
— *Jennifer H. Haythe, MD*
- 9:25am-9:45am Cardiac Amyloid: Moving from Uniformly Fatal to
Chronic Disease
— *Mathew S. Maurer, MD, FACC*
- 9:45am-10:05am Hypertrophic Cardiomyopathy:
A Contemporary and Treatable Genetic Disease
— *Farhana Latif, MD*
- 10:05am-10:25am Reducing Heart Failure Hospital Readmissions:
It's About Improving Patient Care
— *Kelly M. Axson, MD, FACC*
- 10:25am-10:40am** **Break & Vendor Exhibits**
- 10:40am-11:00am Cardio-Renal Syndrome and Diuretic Resistance:
Mechanism and Clinical Implications
— *Jeffrey M. Testani, MD, MTR*
- 11:00am-12:00pm** **LVAD: New Life, Different Life**
- 11:00am-11:20am 30 Years of LVAD Technologies
— *Yoshifumi Naka, MD, PhD*
- 11:20am-11:40am LVAD Therapy: The European Perspective
— *Ivan Netuka, MD, PhD*
- 11:40am-12:00pm Contemporary Limitations of LVAD Therapy:
Team and Medications
— *Melana Yuzefpolskaya, MD, FACC*
- 12:00pm-1:00pm** **Lunch & Vendor Exhibits**

1:00pm-2:00pm	LVAD - Rapid Fire Clinical Case Vignettes <i>Panelists: Jonathan M. Hastie, MD, Yoshifumi Naka, MD, PhD, Nir Uriel, MD, MSc, Ivan Netuka, MD, PhD, Paolo C. Colombo, MD, FACC, Melana Yuzefpolskaya, MD, FACC</i>
1:00pm-1:15pm	Referral: Too Often, Too Late... — <i>Edward F. Lin, MD</i>
1:15pm-1:30pm	Stroke — <i>Joshua Z. Willey, MD, MS</i>
1:30pm-1:45pm	Gastrointestinal Bleeding — <i>Tamas Gonda, MD</i>
1:45pm-2:00pm	Utility of LVAD Therapy in Adult Congenital Heart Disease — <i>Matthew Lewis, MD, MPH</i>
2:00pm-2:15pm	Break & Vendor Exhibits
2:15pm-2:40pm	The Vital Role of Advanced Practice Providers in Heart Failure <i>Margaret A. Flannery, FNP & Audrey C. Kleet, MS, ACNP-BC, CCRN, CCTC, CHFNP</i>
2:40pm-2:50pm	Shared Care Programs: What are the Main Barriers to LVAD Therapy Dissemination in the Community? — <i>James J. Lyons, MD, FACC</i>
2:50pm-3:50pm	Looking Into the Crystal Ball
2:50pm-3:05pm	Effect of Pulsatile and Nonpulsatile Flow on Cerebral Perfusion and Neurohormonal Activation: Implications for LVAD Therapy — <i>William K. Cornwell, MD</i>
3:05pm-3:25pm	Device Pipeline in Heart Failure: Diagnostics & Therapeutics — <i>Nir Uriel, MD, MSc</i>
3:25pm-3:50pm	Bioengineering Studies of Human Myocardium for Modeling and Treatment of Cardiac Disease — <i>Gordana Vunjak-Novakovic, BS, MS, PhD</i>
3:50pm-4:05pm	Break & Vendor Exhibits
4:05pm-5:25pm	Celebrating the 40th Anniversary of the First Heart Transplant at NYP
4:05pm-4:25pm	Cardiac Transplantation in 2018: Where Do We Stand? — <i>Maryjane A. Farr, MD, MSc, FACC</i>
4:25pm-4:45pm	The New Heart Allocation System in the U.S.: Rationale, Challenges and Opportunities — <i>Joseph G. Rogers, MD, FACC</i>
4:45pm-4:55pm	Organ Donation Network — <i>Gregg Segal, Co-Founder, Organize</i>
4:55pm-5:25pm	Patient Perspective: Interviews — <i>Rita Charon, MD, PhD</i>
	Program Adjourns

Program Agenda

Saturday, April 28, 2018

- 7:30am-8:30am** **Registration, Breakfast & Vendor Exhibits**
- 8:30am-10:20am** **Redesigning Care for Cardiogenic Shock: A Team-Based Approach**
Panelists: Hiroo Takayama, MD, PhD, Ajay J. Kirtane, MD, A. Reshad Garan, MD, Koji Takeda, MD, PhD, Navin K. Kapur, MD, FAHA, FACC, FSCAI
- 8:30am-8:50am Hemodynamic Principles of Temporary Circulatory Support
— *Navin K. Kapur, MD, FAHA, FACC, FSCAI*
- 8:50am-9:10am Matching Patient and Pump in the New Era of Percutaneous Mechanical Circulatory Support
— *Ajay J. Kirtane, MD*
- 9:10am-9:30am The Columbia Shock Team: How to Start an Acute MCS (ECMO) Program
— *A. Reshad Garan, MD*
- 9:30am-9:50am Acute MCS: From the Start to the Finish Line
— *Koji Takeda, MD, PhD*
- 9:50am-10:20am Ethical Dilemmas Encountered with the use of ECMO
Case Presentation: “What should be done with an awake patient on ECMO when there is no expectation for recovery, VAD or heart transplantation?”
“Keep going...”
— *Kristin M. Burkart, MD, MSc*
“Stop now...”
— *Shunichi Nakagawa, MD*
- 10:20am-10:35am** **Break & Vendor Exhibits**
- 10:35am-12:45pm** **Percutaneous Treatment of Heart Failure: Valves, Coronaries and More**
Panelists: Yoshifumi Naka, MD, PhD, Susheel K. Kodali, MD, FACC, Tamim M. Nazif, MD, Dimitri Karmpaliotis, MD, PhD, FACC Allan Schwartz, MD
- 10:35am-10:55am Evolving Interventional Strategies for Valvular Heart Disease in Heart Failure Patients
— *Susheel K. Kodali, MD, FACC*
- 10:55am-11:15am Challenging Valvular Cases
— *Tamim M. Nazif, MD*
- 11:15am-11:35am Advanced Coronary Interventions: Beyond Simple PCI
— *Dimitri Karmpaliotis, MD, PhD, FACC*

- 11:35am-12:00pm Chronic Heart Failure - State of the Field:
Guidelines Interpretation and Unmet Needs
— *Clyde W. Yancy, MD, MSc, MACC, FAHA, MACP, FHFS*
- 12:00pm-12:25pm Chronic and Advanced Heart Failure: Are We Lost in
Translation? Can We Reconnect?
— *Mandeep R. Mehra, MD, FACC, FACP, FRC*
- 12:25pm-12:45pm **Panel Discussion**
- Program Adjourns**
-

Registration Fees

NYP Affiliates:

MD, PhD, DO - \$250
RN, NP, PA - \$125
Fellows, Residents and
Medical Students - FREE
Corporate- \$850

Non NYP Affiliates:

MD, PhD, DO - \$350
RN, NP, PA - \$250
Fellows, Residents - \$100
Medical Students - \$25

VERIFICATION REQUIRED: If you are a fellow, resident, student, RN, NP, PA, you are required to submit with the registration form a letter written on official letterhead and signed by a department supervisor verifying status. Please send to Annmarie Tarleton at at3004@cumc.columbia.edu.

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 March 27, 2018. No refunds can be made thereafter.

How to Register

Online: To make an online credit card payment, please visit www.ColumbiaSurgeryCME.org. 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, CME Office
400 Kelby Street, 9th Floor
Fort Lee, NJ 07024
ATTN: Annmarie Tarleton

Enclose a check or money order made payable to **Columbia University, Department of Surgery/**
CATCH-UP 2018.

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Executive Director, The Cardiovascular Center
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The Heart Center
Vassar Brothers Medical Center

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Co-Founder, Organize

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Vice Dean, Diversity & Inclusion
Magerstadt Professor of Medicine
Professor of Medical Social Sciences
Chief, Division of Cardiology
Northwestern University, Feinberg School
of Medicine

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NewYork-Presbyterian/Weill Cornell Medical
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Associate Professor of Medicine

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Assistant Professor of Medicine

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Assistant Professor of Medicine
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The Center for Interventional Vascular Therapy
Director of Clinical Services
The Columbia Heart Valve Center

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Seymour Milstein Professor of Cardiology
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Physician-in-Chief
Vivian and Seymour Milstein Family Heart Center
Vice Chair, Department of Medicine

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Co-Director of Aortic Center
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University Professor The Mikati Foundation
Professor of Biomedical Engineering and Medicine
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Assistant Attending Neurologist, Stroke Service

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Meeting Location

NewYork-Presbyterian/Columbia University Medical Center

Vivian and Seymour Milstein Family Heart Center, First Floor

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 2018**.



Registration

Please register me for the continuing medical education program entitled:

CATCH-UP 2018: Heart Failure, Devices, and Interventions
Friday, April 27 & Saturday, April 28, 2018

NYP Affiliates

- ☐ MD, PhD, DO – \$250
- ☐ RN, NP, PA – \$125
- ☐ Fellows, Residents and
Medical Students – FREE
- ☐ Corporate- \$850

Non NYP Affiliates

- ☐ MD, PhD, DO – \$350
- ☐ RN, NP, PA – \$250
- ☐ Fellows, Residents – \$100
- ☐ Medical Students – \$25

Space is limited, so early registration is highly encouraged.

First Name	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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Columbia University Medical Center
Department of Surgery, CME Office
400 Kelby Street, 9th Floor
Fort Lee, New Jersey 07024

CATCH-UP 2018

Heart Failure, Devices and Interventions
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Vivian and Seymour Milstein Family Heart Center
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