# Registration

**5th Annual Chicago CSI Case-Based Coronary and Structural Heart Intervention Update**
**October 12–13, 2018**
**Northwestern Memorial Hospital | Chicago, Illinois**

## Registration Categories

| | Full Conference (Friday October 12 and Saturday October 13) | |
|---|---|---|
| | Early Bird* | Full Rate** |
| Physician | ☐ $250 | ☐ $350 |
| Industry Professional | ☐ $350 | ☐ $450 |
| Physician of Northwestern Medicine and Affiliates | ☐ $200 | ☐ $300 |
| Nurse or Technician | ☐ $100 | ☐ $200 |
| Landsberg Society Members (or Other Northwestern Alumni) | ☐ $150 | ☐ $300 |

*Early Bird Rate if registered by September 15, 2018.
**Full Conference Rate if registered after September 16, 2018.

Physician registration fee includes access to the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) online module. Physicians can earn up to 10 MOC points valid towards the medical knowledge self-assessment requirements.

### How to Register

Online – northwestern.cloud-cme.com OR mail with a check made payable to:

Northwestern University
Bluhm Cardiovascular Institute
Attn Rana Khalifeh
251 E. Huron St.
Galter 3-150
Chicago, IL 60611

For questions regarding registration please email us at:
**cme@northwestern.edu**
Registrations will not be accepted by telephone.

*Please type or print*

First Name: _____

Last Name: _____ ☐ MD ☐ RN ☐ PA ☐ _____ (other)

Address: _____

City: _____ State: ____ Zip Code: _____

Daytime Phone: _____ Fax: _____

E-mail: _____
*(your registration confirmation will be emailed)*

Specialty: _____

Please indicate any special needs: _____

Please indicate any dietary needs: _____

Please join us for the Northwestern vs Nebraska football game on 10/13/18 at Ryan Field, Evanston, IL 60201. Tickets are $50 each. Limited number of tickets available.

Please sign me up for _____ tickets (limit 2 tickets)

Northwestern Medicine®
251 E Huron
Galter 3-150
Chicago, IL 60611

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**5th Annual Chicago CSI Case-Based Coronary and Structural Heart Intervention Update**
**October 12–13, 2018**
**Chicago, Illinois**

## YOU ARE INVITED!

You are cordially invited to attend the 5th Annual CSI: Case-Based Coronary and Structural Heart Intervention Update Chicago. This meeting will be a springboard for advances in patient care and scientific discoveries, and will provide ample opportunity for friendship, networking, and scholarly interaction.

We hope that you will join us and all of the faculty who have helped to put together this exciting opportunity to gain further knowledge in the field while enjoying the city of Chicago. We believe it will be a most worthwhile meeting.

Sincerely,

James Flaherty, MD
Mark Ricciardi, MD
Charles Davidson, MD

## EVENTS

Please join us for the Northwestern vs Nebraska football game on 10/13/18, time tbd, at Ryan Field, Evanston, IL 60201. Tickets are $50 each. Limit 2 tickets per person. Please indicate if you would like to attend on your registration.

## WHAT'S HAPPENING IN CHICAGO?

Visit chicago.metromix.com to read about special events, theaters, restaurants and more.

Northwestern Medicine®

5th Annual Chicago CSI

# Case-Based Coronary and Structural Heart Intervention Update

Sponsored by the Bluhm Cardiovascular Institute and the Northwestern University Office of Continuing Medical Education

THIS ACTIVITY HAS BEEN APPROVED FOR 10.25 *AMA PRA CATEGORY 1 CREDITS™*

## October 12–13, 2018

Northwestern Memorial Hospital
Chicago, Illinois

**REGISTER TODAY!**
**Northwestern.Cloud-CME.com**

Please join us for the Northwestern vs Nebraska football game on 10/13/18

For more info please visit www.ChicagoCSI.com

# Program Information

## Learning Objectives

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

1. List transcatheter options to address heart valve pathology including aortic, mitral, tricuspid, and pulmonic stenosis and regurgitation;
2. Describe the latest interventional techniques and therapies for structural heart disease and congenital heart disease;
3. Cite the most contemporary approaches in the endovascular treatment of peripheral artery disease;
4. Review the latest interventional therapies for pulmonary embolism and pulmonary hypertension;
5. Describe available and emerging technologies to prevent stroke including percutaneous left atrial appendage and patent foramen ovale occlusion;
6. Summarize the utility of new stent platforms;
7. Describe various techniques to treat complex pathology such as left main, bifurcation disease, and calcified lesions;
8. List the latest recommendations for management of CTO's to optimize procedural success while minimizing complications;
9. Review the variety of percutaneous ventricular support devices and clinical scenarios best suited for each device;
10. Summarize lessons learned from live and taped case presentations.

### Target Audience

This continuing medical education program is designed to meet the educational needs of interventional cardiologists, general cardiologists, cardiac surgeons, cardiology and cardiac surgery fellows, cardiac catheterization laboratory nurses, and technical staff.

### Conference Location

The program will be held at the 3rd floor Conference Center located in the Feinberg Pavilion of Northwestern Memorial Hospital, 251 E. Huron Street, Chicago, Illinois. Directions and parking information are available at www.nm.org.

### Accreditation Statement

The Northwestern University Feinberg School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

### Credit Designation Statement

The Northwestern University Feinberg School of Medicine designates this live activity for a maximum of 10.25 *AMA PRA Category 1 Credit(s)*™. Physicians should claim only credit commensurate with the extent of their participation in the activity.

**Other Credits:** The American Academy of Nurse Practitioners and the American Nurses Credentialing Center accept *AMA PRA Category 1 Credit(s)*™ from organizations accredited by the ACCME.

### Registration

You may register online at: Northwestern.Cloud-CME.com. An email confirmation will be sent once your registration is complete. If you do not receive a confirmation, please contact the office of CME at cme@northwestern.edu or by phone at 312-503-8533. Registrations can also be mailed with a check made payable to Northwestern University. Registrations will not be accepted by telephone.

### Cancellation Policy

Cancellations must be made in writing to the Office of Continuing Medical Education. The paid registration fee, minus $50 administrative charge, will be refunded if cancellation is received by September 15, 2018.

### Special Needs

We fully intend to comply with the legal requirements of the Americans with Disabilities Act. If any participant of this conference needs accommodation, please indicate those needs on the registration form or submit written requests to support@meetingachievements.com at least one month prior to the conference date.

### Additional Information

Contact our planning partners by phone: 219.465.1115, email: support@meetingachievements.com, or visit our website at: www.CVConferences.com

# Agenda

## FRIDAY, OCTOBER 12

**8:00-9:00 AM** **Breakfast and Exhibits**

### SESSION I: Complex Coronary Intervention I

**Moderator:** James Flaherty, MD
**Panel:** John Blair, MD; Keith Benzuly, MD; Andrei Churyla, MD; Roxana Mehran, MD

**9:00-9:25 AM** **Emerging Stent Platforms and Dual Anti-platelet Therapy–The Present and Future**
Roxana Mehran, MD

**9:25-9:40 AM** **Taped Case-Supported PCI**

**9:40-9:50 AM** **Panel and Audience Discussion**

**9:50-10:05 AM** **Percutaneous LV Support During PCI-Who and How?**
John Blair, MD

**10:05-10:15 AM** **CHIP PCI - Essentials of a Successful Program**
Mark Ricciardi, MD

**10:15-10:25 AM** **Panel and Audience Discussion**

**10:25-10:40 AM** **Break and Exhibits**

### SESSION II Structural Heart Therapies I

**Moderator:** Charles Davidson, MD
**Panel:** Robert Bonow, MD; James Hermiller, MD; Patrick McCarthy, MD; Roxana Mehran, MD

**10:40-11:05 AM** **Live Case–Aortic Valve Disease**

**11:05-11:25 AM** **Percutaneous Mitral Valve Repair in 2018 and Beyond**
James Hermiller, MD

**11:25-11:35 AM** **Panel and Audience Discussion**

**11:35-11:45 AM** **Transcatheter Aortic Valve Replacement- Remaining Challenges**
James Flaherty, MD

**11:45-11:55 AM** **Taped Case-Aortic Stenosis, Hypertrophic Cardiomyopathy and Mitral Regurgitation**

**11:55 AM-12:00 PM** **Panel and Audience Discussion**

**12:00-1:00 PM** **Lunch and Exhibits**

### SESSION III: Structural Heart Therapies II

**Moderator:** James Flaherty, MD
**Panel:** S. Chris Malaisrie, MD; Amar Krishnaswamy, MD; James Thomas, MD; Alan Zajaris, MD

**1:00-1:30 PM** **Live Case- Mitral Valve Disease**

**1:30-1:50 PM** **Percutaneous Mitral Valve Replacement Are We Getting Closer?**
Amar Krishaswamy, MD

**1:50-2:10 PM** **Valve-in-Valve and Valve-in-Ring-Mitral, Tricuspid, and Aortic**
Alan Zajarias, MD

**2:10-2:30 PM** **Panel and Audience Discussion**

**2:30-2:45 PM** **Taped Case-Mitral Valve Disease**

**2:45-3:00 PM** **Percutaneous Tricuspid Valve Repair-The Current State-of-the-Art**
Charles Davidson, MD

**3:00-3:15 PM** **Panel and Audience Discussion**

**3:15-3:30 PM** **Break and Exhibits**

### SESSION IV: Complex Coronary Intervention II

**Moderator:** Mark Ricciardi, MD
**Panel:** Nirat Beohar, MD; Tony DeMartini, MD; William Fearon, MD; Ranya Sweis, MD, MS

**3:30-3:50 PM** **Coronary Physiology Made Simple in the World of Complex PCI**
William Fearon, MD

**3:50-4:00 PM** **Panel and Audience Discussion**

**4:00-4:20 PM** **CTO Advances in 2018**
Tony DeMartini, MD

**4:20-4:30 PM** **Panel and Audience Discussion**

**4:30-4:45 PM** **Taped Case - CTO PCI**

**4:45-4:55 PM** **Panel and Audience Discussion**

**4:55-5:15 PM** **Three Near Disasters and How I Bailed Myself Out**
Nirat Beohar, MD

**5:15-5:30 PM** **Panel and Audience Discussion**

**5:30-7:00 PM** **Happy Hour**
**Beatrix 1st Floor Galter**

## SATURDAY, OCTOBER 13

**7:00-8:00 AM** **Breakfast and Exhibits**

### SESSION V: Peripheral Vascular Therapies

**Moderator:** Mark Ricciardi, MD
**Panel:** Adam Brodsky, MD; Andrew Hoel, MD; Mehdi Shishehbor, DO, PhD, MPH; Tim Provias, MD

**7:30-7:45 AM** **Peripheral Vascular Procedures Every Interventionalist Should Be Able to Perform**
Tim Provias, MD

**7:45-8:15 AM** **Percutaneous Treatment for Critical Limb Ischemia–The Latest Tools and Techniques**
Mehdi Shishehbor, DO, PhD, MPH

**8:15-8:30 AM** **Panel and Audience Discussion**

**8:30-8:45 AM** **Drug-Coated Balloons and Drug-Eluting Stents for SFA Disease**
Sandeep Nathan, MD, MS

**8:45-9:05 AM** **Endovascular Aortic Repair (EVAR): A Cardiologist's Perspective**
Adam Brodsky, MD

**9:05-9:15 AM** **Panel and Audience Discussion**

**9:15-9:30 AM** **Break and Exhibits**

### SESSION VI: Structural Heart Therapies III

**Moderator:** Charles Davidson, MD
**Panel:** Daniel Schimmel, Jr., MD, MS; Atman Shah, MD; Mehdi Shishehbor, DO, PhD, MPH; Ranya Sweis, MD, MS

**9:30-9:45 AM** **Interventional Treatment of Pulmonary Embolism And Intracardiac Clot**
Ranya Sweis, MD, MS

**9:45-10:05 AM** **Pulmonary Artery Angioplasty: An Emerging Therapy For Pulmonary Hypertension**
Daniel Schimmel, Jr, MD, MS

**10:05-10:15 AM** **Panel and Audience Discussion**

**10:15-10:30 AM** **Closing PFO's Has Never Been Easier**
Atman Shah, MD

**10:30-10:45 AM** **Percutaneous Left Atrial Appendage Closure: Options and Obstacles**
Bradley Knight, MD

**10:45-11:00 AM** **Panel and Audience Discussion**

**11:00 AM** **Adjourn**

## Hotel

**Hyatt Chicago Magnificent Mile 633 North Saint Clair Street Chicago, Illinois, USA, 60611**

Conveniently located in the heart of Chicago, just steps from the city's famed Michigan Avenue with hundreds of high-end shops, restaurants, and exciting nightlife: the symphony, museums, galleries, world-class restaurants, shopping, Lake Michigan and the Loop financial district. Rooms have been reserved and will be available for a special rate of $239 (single/double occupancy), plus tax. Please contact the Hyatt directly at https://book.passkey.com/go/NU5thAnnualCSI or 888-591-1234 to make your reservations. To receive the reduced room rate, you must make your reservation by September 14th. Please identify yourself as a registrant of the 5th Annual Chicago CSI. Reservations made after September 14th are subject to availability at regular hotel rates. The room block may fill prior to the cutoff date, so be sure to make your arrangements early.

## Faculty Disclosure

Northwestern University Feinberg School of Medicine requires course directors, speakers, instructors, planners and other individuals who are in a position to control the content of this activity to disclose any relevant financial relationships. All identified potential conflicts of interest, scientific objectivity of studies mentioned in the materials or used as the basis for content, and appropriateness of patient care recommendations are thoroughly vetted by Northwestern University FSM for fair balance. The faculty disclosures will be indicated in the course syllabus.

## Course Directors

**James Flaherty, MD**
Medical Director Coronary Care Unit
Bluhm Cardiovascular Institute
Associate Professor of Medicine
Northwestern University
Feinberg School of Medicine

**Mark Ricciardi, MD**
Director of the Cardiac Catheterization Laboratories and Medical Director,
Center for Coronary Disease
Bluhm Cardiovascular Institute
Associate Professor of Medicine
Northwestern University
Feinberg School of Medicine

**Charles Davidson, MD**
Medical Director,
Bluhm Cardiovascular Institute
Clinical Chief, Cardiology
Professor of Medicine
Vice Chairman of Clinical Affairs,
Department of Medicine
Northwestern University
Feinberg School of Medicine

## Guest Faculty

**Nirat Beohar, MD**
Vice Chief of Cardiology Director, Cardiac Catheterization Laboratory and Structural Heart Disease Program
Mt. Sinai Hospital Miami
Professor of Medicine
Columbia University College of Physicians and Surgeons

**John Blair, MD**
Assistant Professor of Medicine
University of Chicago Pritzker School of Medicine

**Adam Brodsky, MD**
Heart & Vascular Center of Arizona

**Tony DeMartini, MD**
Director of Complex PCI
Advocate Heart Institute
Downers Grove, IL

**William Fearon, MD**
Professor of Medicine
Director of Interventional Cardiology
Stanford University Medical Center

**James Hermiller, Jr., MD**
St. Vincent Heart Center Carmel

**Amar Krishnaswamy, MD**
Program Director
Interventional and General
Cardiology Fellowships
Cleveland Clinic

**Roxana Mehran, MD, FACC**
Professor of Medicine (Cardiology) and Population Health Science and Policy
Director of Interventional Cardiovascular Research and Clinical Trials
Icahn School of Medicine at Mount Sinai

**Sandeep Nathan, MD, MS**
Associate Professor of Medicine
Director, Interventional Cardiology
Fellowship Program
Director, Coronary Care Unit
Co-Director, Cardiac Catherization Laboratory
University of Chicago Pritzker School of Medicine

**Atman Shah, MD**
Clinical Director, Section of Cardiology
Co-Director, Cardiac Catherterization Laboratory
Associate Professor of Medicine
University of Chicago Pritzker School of Medicine

**Mehdi Shishehbor, DO, PhD, MPH**
Co-Chair of the Clinical Executive Committee,
Director of the Cardiovascular Interventional Center,
and Co-Director of the Vascular Center
University Hospitals Harrington Heart & Vascular Institute

**Alan Zajarias, MD**
Director, Structural Interventional Fellowship
Program Cardiovascular Division
Assistant Professor of Medicine Washington University School of Medicine

## Northwestern University Feinberg School of Medicine Faculty

**Keith Benzuly, MD**
Associate Professor of Medicine
Bluhm Cardiovascular Institute

**Robert Bonow, MD**
Director, Center for Cardiovascular Innovation
Goldberg Distinguished Professor of Medicine

**Andrei Churyla, MD**
Assistant Professor of Surgery
Bluhm Cardiovascular Institute

**Andrew Hoel, MD**
Assistant Professor of Surgery
Bluhm Cardiovascular Institute

**Bradley Knight, MD**
Medical Director,
Center for Heart Rhythm Disorders
Director of Cardiac Electrophysiology
Cooley Professor of Medicine
Bluhm Cardiovascular Institute

**S. Chris Malaisrie, MD**
Surgical Director,
Thoracic Aortic Surgery Program
Associate Professor of Surgery
Bluhm Cardiovascular Institute

**Patrick McCarthy, MD**
Chief, Division of Cardiac Surgery
Heller-Sacks Professor of Surgery
Executive Director
Bluhm Cardiovascular Institute

**Tim Provias, MD**
Interventional Cardiologist
Lake Forest Hospital
Health System Clinician of Medicine
Northwestern University
Feinberg School of Medicine

**Jyothy Puthaumana, MD**
Associate Professor of Medicine
Bluhm Cardiovascular Institute

**Daniel Schimmel, MD, MS**
Assistant Professor of Medicine,
Interventional Cardiology
Bluhm Cardiovascular Institute
Acute Pulmonary Embolism Response Team,
Executive Committee
Pharmacy and Therapeutics Safety
Committee, Chair

**Ranya Sweis, MD, MS**
Clinical Practice Director,
Cardiology Outpatient Clinic
Assistant Professor of Medicine
Bluhm Cardiovascular Institute

**James Thomas, MD**
Medical Director,
Center for Heart Valve Disease
Professor of Medicine
Bluhm Cardiovascular Institute

**For additional information, contact the Northwestern University, Feinberg School of Medicine, Office of Continuing Medical Education, phone: 312-503-8533, Fax: 312-503-4531, email: cme@northwestern.edu or visit our website at: northwestern.cloud-cme.com**