Registration

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

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)

Registration Categories

<table>
<thead>
<tr>
<th></th>
<th>Full Conference</th>
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<tr>
<td></td>
<td>(Friday October 12 and Saturday October 13)</td>
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<tr>
<td>Physician</td>
<td>☐ $250 ☐ $350</td>
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<tr>
<td>Industry Professional</td>
<td>☐ $350 ☐ $450</td>
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<tr>
<td>Physician of Northwestern Medicine and Affiliates</td>
<td>☐ $200 ☐ $300</td>
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<tr>
<td>Nurse or Technician</td>
<td>☐ $100 ☐ $200</td>
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<tr>
<td>Landsberg Society Members (or Other Northwestern Alumni)</td>
<td>☐ $150 ☐ $300</td>
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*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.
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.
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
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.
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 III: Structural Heart Therapies II

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

SESSION V: Peripheral Vascular Therapies

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

7:00-8:00 AM  Breakfast and Exhibits

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

8:00-8:30 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

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<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>James Flaherty, MD</td>
<td>Medical Director, Coronary Care Unit</td>
<td>Bluhm Cardiovascular Institute</td>
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<tr>
<td>Mark Ricciardi, MD</td>
<td>Director of the Cardiac Catheterization Laboratories and Medical Director</td>
<td>Center for Coronary Disease</td>
</tr>
<tr>
<td>Charles Davidson, MD</td>
<td>Medical Director</td>
<td>Bluhm Cardiovascular Institute</td>
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Guest Faculty

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<tr>
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<tbody>
<tr>
<td>Nirat Beohar, MD</td>
<td>Vice Chief of Cardiology Director, Cardiac Catheterization Laboratory</td>
<td>Structural Heart Disease Program</td>
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<tr>
<td></td>
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<td>Mt. Sinai Hospital Miami</td>
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<tr>
<td></td>
<td></td>
<td>Columbia University College of Physicians and Surgeons</td>
</tr>
<tr>
<td>John Blair, MD</td>
<td>Assistant Professor of Medicine</td>
<td>University of Chicago Pritzker School of Medicine</td>
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<tr>
<td>Adam Brodsky, MD</td>
<td>Heart &amp; Vascular Center of Arizona</td>
<td>Advocate Heart Institute</td>
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<tr>
<td>Tony DeMartini, MD</td>
<td>Director of Complex PCI</td>
<td>Downers Grove, IL</td>
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<tr>
<td>William Fearon, MD</td>
<td>Professor of Medicine</td>
<td>Stanford University Medical Center</td>
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<tr>
<td>James Hermiller, Jr., MD</td>
<td>St. Vincent Heart Center Carmel</td>
<td>Icahn School of Medicine</td>
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<tr>
<td>Amar Krishnaswamy, MD</td>
<td>Program Director</td>
<td>Cleveland Clinic</td>
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<tr>
<td>Roxana Mehran, MD, FACC</td>
<td>Professor of Medicine (Cardiology) and Population</td>
<td>Icahn School of Medicine at Mount Sinai</td>
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<tr>
<td>Sandeep Nathan, MD, MS</td>
<td>Associate Professor of Medicine</td>
<td>University of Chicago Pritzker School of Medicine</td>
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<tr>
<td>Atman Shah, MD</td>
<td>Clinical Director, Section of Cardiology</td>
<td>University of Chicago Pritzker School of Medicine</td>
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<tr>
<td>Mehdi Shishehbor, DO, PhD, MPH</td>
<td>Co-Chair of the Clinical Executive Committee, Director of the Cardiovascular Interventional Center, and Co-Director of the Vascular Center</td>
<td>University Hospitals Harrington Heart &amp; Vascular Institute</td>
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<tr>
<td>Alan Zajarias, MD</td>
<td>Director, Structural Interventional Fellowship Program Cardiovascular Division</td>
<td>Assistant Professor of Medicine Washington University School of Medicine</td>
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<tr>
<td>S. Chris Malaisrie, MD</td>
<td>Surgical Director, Thoracic Aortic Surgery Program</td>
<td>Bluhm Cardiovascular Institute</td>
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<tr>
<td>Patrick McCarthy, MD</td>
<td>Chief, Division of Cardiology</td>
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<td>Interventional Cardiologist</td>
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<tr>
<td>Ranya Sweis, MD, MS</td>
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<tr>
<td>Keith Benzuly, MD</td>
<td>Associate Professor of Medicine</td>
<td>Bluhm Cardiovascular Institute</td>
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<tr>
<td>Robert Bonow, MD</td>
<td>Director, Center for Cardiovascular Innovation</td>
<td>Goldberg Distinguished Professor of Medicine</td>
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<tr>
<td>Andrei Churyla, MD</td>
<td>Assistant Professor of Surgery</td>
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<tr>
<td>Bradley Knight, MD</td>
<td>Medical Director, Center for Heart Rhythm Disorders</td>
<td>Cooley Professor of Medicine</td>
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