

A low-angle photograph of several tall skyscrapers in Chicago, including the Willis Tower, against a clear blue sky. The image is partially overlaid with a dark blue geometric shape.

**2ND ANNUAL
CHICAGO CSI**

**CASE-BASED CORONARY and
STRUCTURAL HEART INTERVENTION UPDATE**

November 14, 2015

AON Center | Chicago, Illinois

**SUBMIT YOUR CASES FOR
THIS YEAR'S CASE COMPETITION!**

**EARN 7.0 AMA PRA
CATEGORY 1 CREDITS™**



REGISTER TODAY! www.cme.northwestern.edu/conferences

GENERAL INFORMATION

Learning Objectives

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

1. Review the diagnosis, evaluation and management of complex coronary artery disease clinical scenarios through case studies including left main disease, chronic total occlusion, radial approach and percutaneous assist devices for percutaneous coronary intervention (PCI).
2. Examine advanced techniques and technologies contributing to improved success rates for chronic total occlusion (CTO).
3. Identify available and emerging imaging modalities based on the procedure or clinical scenario.
4. Describe the latest recommendations and emerging technologies for the management of patients with valvular heart disease including transcatheter valve replacement (TAVR), percutaneous mitral valve (MV) repair and novel catheter based valve replacement techniques.
5. Evaluate the utility of interventions for non valvular structural heart disease including, adult congenital heart disorders, left atrial appendage occlusion and pulmonary embolism (PE) treatment.

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

Mid-America Club

200 East Randolph Drive
Aon Center, 80th Floor
Chicago, IL 60601

Please visit the CME webpage for more information on parking, security, and other helpful tips for the day of the conference. www.cme.northwestern.edu/conferences.

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.

CASE COMPETITION

This year's conference will feature an exciting case competition. Participants are encouraged to submit their own cases for a chance to present live at CSI and receive free registration. Please submit your case as a PowerPoint presentation to nums-cme@northwestern.edu by October 12th. PowerPoints should include: title, 2-3 sentence description and 3 learning points. Any coronary or structural case is welcome. Each submission will be reviewed by the Conference Planning Committee and will be notified by October 30th on the status. Those selected will receive a refund on the registration fee. Visit www.cme.northwestern.edu/conferences for details.

Credit Designation Statement

The Northwestern University Feinberg School of Medicine designates this live activity for a maximum of **7.0 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 on-line at: www.cme.northwestern.edu/conferences. An email confirmation will be sent once your registration is complete. If you do not receive a confirmation once registration is complete, please contact the Office of CME 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 November 2, 2015.

Special Needs

The Feinberg School of Medicine fully intends to comply with the legal requirements of the Americans with Disabilities Act. If any participant of this conference is in need of accommodation please indicate those needs on the registration form or submit written requests to the Office of CME at least one month prior to the conference date.

Additional Information

Contact the Northwestern University, Feinberg School of Medicine, Office of Continuing Medical Education, phone: 312-503-8533, Fax: 312-503-4531, email: nums-cme@northwestern.edu or visit our website at: www.cme.northwestern.edu.

AGENDA

7:30-8:00 am **Registration & Breakfast**

WELCOME REMARKS

8:00-8:15 am *James Flaherty, MD*

KEYNOTE ADDRESS

8:15-9:00 am **The Ever Evolving Landscape of Interventional Cardiology**
Martin Leon, MD

COMPLEX CORONARY INTERVENTION SYMPOSIUM Part 1

MODERATORS: *Mark Ricciardi, MD*

William Lombardi, MD

Ranya Sweis, MD, MS

Mladen Vidovich, MD

PANEL:

9:00-9:30 am **The 5 CTO Cases that Taught Me the Most in the Past Year**
William Lombardi, MD

9:30-9:45 am **Treating Thrombus in the Coronaries - Drugs and Devices**
Ranya Sweis, MD, MS

9:45-10:00 am **Radial PCI - Guide Selection and New Tools**
Mladen Vidovich, MD

10:00-10:15 am **iFR, FFR and CFR - What Should You Use When?**
John Blair, MD

10:15-10:30 am **Coffee Break**

COMPLEX CORONARY INTERVENTION SYMPOSIUM Part 2

MODERATORS: *Charles Davidson, MD*

Martin Leon, MD

James Flaherty, MD

Atman Shah, MD

PANEL:

10:30-10:55 am **Straightforward Approaches to Complex Problems: Left Main, Calcium, Bifurcations**
Nirat Beohar, MD

10:55-11:15 am **When a Balloon Pump Isn't Enough - Picking the Proper Assist Device**
Keith Benzuly, MD

11:15-12:00 pm **Challenging Case Competition - Great Cases from the Community**

LUNCH

12:00-1:00 pm

STRUCTURAL HEART INTERVENTION SYMPOSIUM Part 1

MODERATORS: *Robert Bonow, MD, MS*

Jeff Popma, MD

S. Chris Malaisrie, MD

James Thomas, MD

PANEL:

1:00-1:20 pm **CT Image-Guided Therapy to Optimize Transcatheter Valve Therapies**
Jeffrey Popma, MD

1:20-1:40 pm **TAVR Heading Into 2016 - The Current State of the Art**
James Flaherty, MD

1:40-1:55 pm **Percutaneous Mitral Valve Repair - The Evolution of the Technique**
Mark Ricciardi, MD

1:55-2:15 pm **Non-TAVR Valve Replacement - Are We There Yet?**
Charles Davidson, MD

2:15-2:35 pm **Percutaneous Paravalvular Leak Closure - A Systematic Approach**
Chad Rammohan, MD

2:35-2:50 pm **Coffee Break**

STRUCTURAL HEART INTERVENTION SYMPOSIUM Part 2

MODERATORS: *Clyde Yancy, MD, MSC*

Nirat Beohar, MD

John Carroll, MD

Gregory Mishkel, MD

PANEL:

2:50-3:10 pm **State of the Art Imaging in Interventional Cardiology**
John Carroll, MD

3:10-3:30 pm **Radial, Coronary, Iliac Arteries and Beyond - A Potpourri of Vascular Rarities**
Gregory Mishkel, MD

3:30-3:50 pm **Adventures in Adult Congenital Structural Heart Disease**
Atman Shah, MD

3:50-4:10 pm **Contemporary Approaches to Left Atrial Appendage Closure**
Bradley Knight, MD

4:10-4:25 pm **Catheter-Based Treatment of Pulmonary Embolism**
Daniel Schimmel, MD, MS

4:25-4:30 pm **Closing Remarks**

FACULTY

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 are thoroughly vetted by NUFSM for fair balance, scientific objectivity of studies mentioned in the materials or used as the basis for content, and appropriateness of patient care recommendations. The faculty disclosures and the discussion off-label usage will be indicated in the course syllabus.

COURSE DIRECTORS

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

Charles Davidson, MD, FSCAI
Medical Director
Bluhm Cardiovascular Institute
Clinical Chief, Cardiology
Professor of Medicine –
Cardiology
Northwestern University Feinberg
School of Medicine

Mark Ricciardi, MD, FSCAI
Director, Cardiac Catheterization and
Interventional Cardiology
Bluhm Cardiovascular Institute
Associate Professor of Medicine –
Cardiology
Northwestern University Feinberg
School of Medicine

KEYNOTE SPEAKER

Martin Leon, MD, FSCAI
Director, Center for Interventional
Vascular Therapy
Columbia University Medical Center/
New York-Presbyterian Hospital
Professor of Medicine
Columbia University College of
Physicians and Surgeons
New York, New York

NORTHWESTERN UNIVERSITY BLUHM CARDIOVASCULAR INSTITUTE AND FEINBERG SCHOOL OF MEDICINE FACULTY

Keith Benzuly, MD, FSCAI
Interventional Cardiologist
Associate Professor of Medicine –
Cardiology

Robert Bonow, MD, MS
Director,
Center for Cardiovascular Innovation
Goldberg Distinguished
Professor of Medicine – Cardiology

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

S. Chris Malaisrie, MD
Surgical Director
Bicuspid Aortic Valve Program
Associate Professor in Surgery –
Cardiac Surgery

Daniel Schimmel, MD, MS, FSCAI
Interventional Cardiologist
Assistant Professor in Medicine –
Cardiology

Ranya Sweis, MD, MS, FSCAI
Interventional Cardiologist
Clinical Practice Director, Cardiology
Outpatient Clinic
Assistant Professor in Medicine –
Cardiology

James Thomas, MD
Medical Director
Center for Heart Valve Disease
Professor of Medicine-Cardiology

Clyde Yancy, MD, MSc
Associate Director Clinical Programs
Vice Dean, Diversity & Inclusion
Magerstadt Professor of Medicine –
Cardiology and Medical Social Sciences
Chief, Division of Cardiology

GUEST FACULTY

Nirat Beohar, MD, FSCAI
Director
Cardiac Catheterization Laboratory
Mount Sinai Medical Center, Miami
Associate Professor of Medicine
Columbia University
College of Physicians and Surgeons

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

John Carroll, MD, FSCAI
Medical Director
Cardiac and Vascular Center
University of Colorado Hospital
Professor of Medicine
University of Colorado School of Medicine

William Lombardi, MD, FSCAI
Medical Director
Cardiac Catheterization Services
PeaceHealth St. Joseph Medical Center
UW Clinical Associate Professor
of Medicine, Division of Cardiology
University of Washington Medicine

Gregory Mishkel, MD, FSCAI
Director
Coronary Care Unit and Chest Pain Center
Saint John's Hospital
Director, Synvacor Peripheral
Angiographic Core Laboratory
Assistant Professor of Medicine –
Southern Illinois University School
of Medicine

Jeffrey Popma, MD, FSCAI
Director, Interventional Cardiology
Beth Israel Deaconess Medical Center
Professor of Medicine
Harvard Medical School

Chad Rammohan, MD
Director
Cardiac Catheterization Laboratory
El Camino Hospital
Chief of Cardiology
Palo Alto Medical Foundation

Atman Shah, MD, FSCAI
Clinical Director Section of Cardiology
Co-Director,
Cardiac Catheterization Laboratory
Associate Professor of Medicine
The University of Chicago Medical Center

Mladen Vidovich, MD, FSCAI
Chief, Section of Cardiology,
Jesse Brown VA Medical Center
Associate Professor of Medicine –
Cardiology
University of Illinois at Chicago
College of Medicine

REGISTRATION

2ND ANNUAL
CHICAGO CSI

CASE-BASED CORONARY and
STRUCTURAL HEART INTERVENTION UPDATE

November 14, 2015

AON Center | Chicago, Illinois

Registration Category

- Physician \$150
- Nurses, Technicians and Physician Trainees \$100

How to Register



ONLINE - www.cme.northwestern.edu/conferences



OR mail with check to *(Make check payable to Northwestern University)*

Northwestern University
Feinberg School of Medicine
Office of Continuing Medical Education
240 E. Huron, Ste. 1-200
Chicago, IL 60611



For questions regarding
registration you can email us at
nums-cme@northwestern.edu
or call us at 312-503-8533

Registrations will not be accepted by telephone.

The registration fee includes: A continental breakfast, lunch,
refreshment breaks, and the course handout.

Please Type or Print

Last Name _____ First Name _____

MD DO RN Other (please specify) _____

Institution _____

Address _____

City _____ State _____ ZIP Code _____

Daytime Phone _____ Fax _____

E-mail (Required) _____

Your registration confirmation will be e-mailed

Specialty _____

Please indicate any dietary needs _____

 Please indicate any special needs _____

REGISTER TODAY! www.cme.northwestern.edu/conferences



Office of Continuing Medical Education
Northwestern University Feinberg School of Medicine
240 E. Huron, Suite 1-200
Chicago, IL 60611



**2ND ANNUAL
CHICAGO CSI**

**CASE-BASED CORONARY and
STRUCTURAL HEART INTERVENTION UPDATE**

November 14, 2015
AON Center | Chicago, Illinois

Northwestern Medicine® is the shared vision that joins Northwestern Memorial HealthCare and Northwestern University Feinberg School of Medicine in a collaborative effort to transform medicine through quality healthcare, academic excellence and scientific discovery.

NON-PROFIT
U.S. POSTAGE
PAID
PERMIT #41184
CHICAGO, IL

REGISTER TODAY! www.cme.northwestern.edu/conferences