

# First Annual Chicago Cardiovascular Update July 13-14, 2012 Chicago, Illinois



# Featured Speaker:

Jack Lewin, MD Immediate Past CEO of the American College of Cardiology

# Presenting

The Future of the Practice of Cardiovascular Medicine and Surgery

#### **Course Directors:**

Charles J. Davidson, MD Patrick M. McCarthy, MD Clyde W. Yancy, Jr, MD, MSC Sponsored by:
Bluhm Cardiovascular Institute of
Northwestern Memorial Hospital
Northwestern University
Feinberg School of Medicine and
Office of Continuing Medical Education

# **General Information**

# **Learning Objectives**

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

- Review the available evidence and best practice guidelines for patients presenting with cardiovascular disease.
- 2. Examine the latest data to determine when to refer a patient for surgical or interventional treatment options.
- Assess the advantages and limitations of current medical, surgical and interventional therapies for patients with cardiovascular disease.
- Compare and contrast the utility of various diagnostic and imaging techniques for cardiac diseases such as valvular or coronary heart disease.
- Design treatment and surveillance strategies to manage patients presenting with various cardiovascular disease.

# **Target Audience**

This continuing medical education program is designed to meet the educational needs of physicians who participate in the care of adult patients that are at risk for cardiovascular disease. This includes cardiologists, CT surgeons, family practitioners and internists. Advanced practice nurses, physician assistants and other medical professionals.

#### **Conference Location**

The program will be held in the Conference Room L, on the third floor of the Prentice Women's Hospital, located at 250 E. Superior Street, Chicago Illinois. For directions and parking information, please visit prentice.nmh.org.

#### **Accreditation Statement**

The Northwestern University Feinberg School of Medicine is accredited by the Accreditation Council for Continuing Medical Education 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 17 *AMA PRA Category 1 Credit(s)* TM. Physicians should claim only credit commensurate with the extent of their participation in the activity.

The American Nurses Credentialing Center, American Academy of Nurse Practitioners and American Academy of Physicians Assistants accepts *AMA PRA Category 1 Credit(s)* Tm from organizations accredited by the ACCME.

#### **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.

# Registration

You may register on-line at: <a href="https://www.cme.northwestern.edu/conferences.">www.cme.northwestern.edu/conferences.</a> 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 312-503-8533. Registrations can also be mailed with a check made payable to Northwestern University, CME. 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 Monday, July 2, 2012.

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

# Registration

# 1st Annual Chicago Cardiovascular Update July 13-14, 2012 ■ Prentice Women's Hospital ■ Chicago, Illinois

☐ Physicians		\$200
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Please type or print		
Last Name:		□ MD
First Name:		□ RN □
Address:		
City:	State: Zip Code:	
Daytime Phone:	Fax:	
E-mail:		
(you	ur registration confirmation will be emailed)	
Specialty:		
E Please indicate any special nee	ds:	
Please indicate any dietary needs:		

# **Course Directors**

#### Charles J. Davidson, MD

Professor of Medicine

Northwestern University Feinberg School of

Medicine

Medical Director

Bluhm Cardiovascular Institute

Chief, Cardiac Catheterization Laboratories Northwestern Memorial Hospital

#### Faculty

#### George Bakris, MD

Professor of Medicine

University of Chicago Pritzker School of

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University of Chicago Medicine

#### Roger Blumenthal, MD

Professor of Medicine

Johns Hopkins University School of Medicine Director

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#### Robert O. Bonow, MD

Max and Lilly Goldberg Distinguished

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Professor of Medicine in Cardiology Northwestern University Feinberg School of

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Director, Center for Cardiovascular

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# Northwestern Memorial Hospital

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Northwestern University Feinberg School of Medicine

Cardiologist

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Chief, Division of Vascular Surgery

James S. T. Yao, MD, PhD, Professor of Education in Vascular Surgery

Professor of Surgery, Radiology, and

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Surgical Director

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Cardiac Implantable Electronic Device Clinic Northwestern Memorial Hospital

#### **Bradley Knight, MD**

Chester C. and Deborah M. Cooley Distinguished Professor of Cardiology

Northwestern University Feinberg School of

Director of Clinical Cardiac

Electrophysiology

Bluhm Cardiovascular Institute

Northwestern Memorial Hospital

#### Daniel C. Lee, MD

Assistant Professor of Medicine and Radiology

Northwestern University Feinberg School of

Medicine

Radiology Director, CMR Core Laboratory Feinberg Cardiovascular Research Institute

#### Richard Lee, MD

Associate Professor of Surgery Northwestern University Feinberg School of

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Surgical Director, Center for Heart Rhythm Disorders

Bluhm Cardiovascular Institute Northwestern Memorial Hospital

#### John (Jack) Lewin, MD

Immediate Past CEO

American College of Cardiology

#### **Donald Lloyd-Jones, MD**

Chair, Department of Preventive Medicine Associate Professor of Preventive Medicine Interim Medical Director, Clinical Trials Unit Northwestern University Feinberg School of Medicine

#### Douglas Losordo, MD

Eileen M. Foell Professor of Heart Research Northwestern University Feinberg School of Medicine

Director, Feinberg Cardiovascular Research Institute

#### S. Chris Malaisrie, MD

Assistant Professor of Surgery Northwestern University Feinberg School of

Surgical Director, Thoracic Aortic Surgery

Bluhm Cardiovascular Institute Northwestern Memorial Hospital

#### **Barry Maron, MD**

Director, Hypertrophic Cardiomyopathy Center

Minneapolis Heart Institute Foundation

#### Clyde W. Yancy, Jr., MD, MSC

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Medicine Associate Director Clinical Programs

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Heart Transplantation and Mechanical

Assistance

Center for Heart Failure

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#### Rod S. Passman, MD

Professor of Medicine

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Medical Director, Center for Atrial

Fibrillation

Bluhm Cardiovascular Institute Northwestern Memorial Hospital

#### Sunil Rao, MD

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Director, Cardiac Catheterization Laboratories Durham Veterans Affairs Medical Center

#### Vera H. Rigolin, MD

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Northwestern University Feinberg School of Medicine

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Joseph Rogers, MD

Associate Professor of Medicine Duke University Medical Center Medical Director, Cardiac Transplant and Mechanical Circulatory Support Program

#### Sanjiv Shah, MD

Duke Heart Center

Assistant Professor of Medicine

Northwestern University Feinberg School of Medicine

Cardiologist

Northwestern Memorial Hospital

#### Neil J. Stone, MD

Bonow Professor of Preventive Cardiology Northwestern University Feinberg School of Medicine

Suzanne and Milton Davidson Distinguished

Physician and Medical Director Center for Vascular Disease

Bluhm Cardiovascular Institute

Northwestern Memorial Hospital

# Friday, July 13, 2012

7:00 a.m. REGISTRATION AND

CONTINENTAL BREAKFAST

7:50 a.m. Welcome and Introduction

Clyde W. Yancy, Jr., MD, MSC

#### **SESSION I**

8:15 a.m. – **LEFT VENTRICULAR** 10:15 a.m. **DYSFUNCTION:** 

10:15 a.m. DYSFUNCTION:

Chair: Clyde W. Yancy, Jr., MD, MSC Faculty: Dr. Shah, Dr. Rogers, Dr. McGee,

Dr. Losordo and Dr. D. Lee

8:15 a.m. Heart Failure: A Critical Review of the

Latest Guidelines — What's Different and What You Need to Know Now

Clyde W. Yancy, MD, MSC

8:35 a.m. Critical Issues in Heart Failure 1:

Heart Failure with Preserved Ejection Fraction. Do We Have any Clarity?

Sanjiv Shah, MD

8:55 a.m. Critical Issues in Heart Failure 2:

What You Need to Know About Left Ventricular Assist Devices-Are LVADs

Ready for Primetime?

Joseph Rogers, MD

9:15 a.m. Critical Issues in Heart Failure 3:

Are We Ready for Cell Based Therapies?

Douglas Losordo, MD

9:35 a.m. Case Discussions with Imaging

and Q &A

Dr. Shah, Dr. D. Lee, and Dr. McGee

Case 1: HFPEF Sanjiv Shah, MD

Case 2: BiVAD

Edwin C. McGee, Jr., MD

Imaging: MR of Pulmonary HTN and 4D MR with Flow in Advanced HF

Panel: All speakers

10:15 a.m. BREAK

#### SESSION II

10:35 a.m. - VALVULAR HEART

1:15 p.m. **DISEASE:** 

Chair: Patrick M. McCarthy, MD Faculty: Dr. Davidson, Dr. Malaisrie,

Dr. Bonow and Dr. Mikati

10:35 a.m. Valvular Heart Disease: A Critical Review

of the Latest Guidelines — What You Need to Know About Mitral and Aortic

Valve Disease

Robert O. Bonow, MD

10:55 a.m. Critical Issues in Valvular Heart

**Disease 1: Surgical Treatment of Aortic** 

Stenosis — When to Operate?

S. Chris Malaisrie, MD

11:15 a.m. Critical Issues in Valvular Heart

Disease 2: Transcatheter Aortic Valve Replacement; Current Indications and

**Future Directions** 

Charles J. Davidson, MD

11:35 a.m. Case Presentation & Imaging:

TAVR; Q&A

Dr. Malaisrie, Dr. Davidson and

Dr. Mikati

11:55 a.m. The Future Treatment of Mitral

Valve Heart Disease Devices on the Horizon? Patrick M. McCarthy. MD

12:15 p.m. Lunch and Keynote Presentation:

Moderators: Dr. Yancy and

Dr. McCarthy

"The Future of the Practice of

Cardiovascular Medicine and Surgery"

Jack Lewin, MD,

Immediate Past CEO, American College

of Cardiology

#### SESSION III

1:15 p.m. - HYPERTROPHIC

3:15 p.m. **CARDIOMYOPATHY**:

Chair: Robert O. Bonow, MD Faculty: Dr. Choudhury, Dr. Maron,

Dr. Rigolin and Dr. Yancy

1:15 p.m. Hypertrophic Cardiomyopathy/HOCM:

A Critical Review of the New Guidelines: Important Updates That You Need to

Know Now

Barry Maron, MD

1:35 p.m. Critical Issues in HOCM – 1:

Who Needs an ICD in the Setting of Hypertrophic Cardiomyopathy?

Clyde W. Yancy, MD, MSC

2:00 p.m. Critical Issues in HOCM - 2:

How Do We Manage Family

Members at Risk?
Lubna Choudhury, MD

2:20 p.m. Critical Issues in HOCM - 3:

Screening Athletes — What's the Right

Thing to do?

Robert O. Bonow, MD

2:40 p.m. Case Discussion, Imaging and Q&A

Dr. Bonow, Dr. Choudhury and

Dr. Rigolin

3:10 p.m. BREAK

#### SESSION IV

3:30 p.m. - PREVENTION

5:30 p.m. Chair: Donald Lloyd-Jones, MD

Faculty: Dr. Stone, Dr. Bakris and

Dr. Blumenthal

3:30 p.m. Managing Cardiovascular Risk:

The New ATP IV Guidelines, What Should

We Expect?

Neil Stone, MD

3: 50 p.m. Critical Issues in Prevention 1:

Should Everyone be on a Statin?

Robert Blumenthal, MD

4:10 p.m. Critical Issues in Prevention 2:

The New JNC VIII HTN Guidelines. What's

Changed?

George Bakris, MD

4:30 p.m. Critical Issues in Prevention 3:

Can We Actually Prevent CAD?

Donald Lloyd-Jones, MD

4:50 p.m. Case Discussions: Difficult Cases in

Dyslipidemia. Do You Know What

to Do?

Neil J. Stone, MD

5:30 p.m. Adjourn

5: 30 p.m. Reception

**Harris Family Atrium** 



# Saturday, July 14, 2012

7:30 a.m. CONTINENTAL BREAKFAST

#### SESSION V

8:00 a.m. - ATRIAL FIBRILLATION & 10:00 a.m. HEART FAILURE DEVICES

Chair: Bradley Knight, MD Faculty: Dr. Passman, Dr. R. Lee

and Dr. Kim

8:00 a.m. What's New in Atrial Fibrillation?

**Drugs and Procedures** 

Bradley Knight, MD

8:30 a.m. Critical Issues in Atrial Fibrillation 1:

When is a Surgical Approach Indicated?

Richard Lee, MD

8:50 a.m. Critical Issues in Atrial Fibrillation 2:

Too Many Choices.

Which Anticoagulant and When?

9:10 a.m. Critical Issues in Atrial Fibrillation 3:

When is Ablation Indicated?

Rod S. Passman, MD

9:30 a.m. Case Discussions: How Would you

Manage Our Cases?

Dr. Knight, Dr. Passman, Dr. R. Lee

and Dr. Kim

Case 1

Stroke Prevention: Use of Novel IT Platforms to Optimize Anticoagulation

Rod S. Passman, MD

Case 2

Stroke Risk Reduction when

 ${\bf Anticoagulation\ is\ Contraindicated\ --}$ 

Percutaneous Ligation of the Left

**Atrial Appendage** *Bradley Knight, MD* 



10:00 a.m. **BREAK** 

10:30 a.m. -

12:00 p.m. **HEART FAILURE DEVICES** 

10:30 a.m. What's New? Device Based Guidelines

and Future Device Based Therapies

Bradley Knight, MD

ICD Leads: Recalls and Retrievals 10:50 a.m.

> Susan S. Kim, MD and Richard Lee, MD

11:20 a.m. Panel Discussion with Q&A

Bradley Knight, MD

12:00 pm Lunch

**SESSION VI** 

12:45 p.m. - A CORNUCOPIA OF HEART

3:00 p.m. **AND VASCULAR DISEASE** 

Co-Chairs: Charles J. Davidson, MD and

Mark K. Eskandari, MD

Faculty: Dr. Malaisrie, Dr. Shah and

Dr. Rigolin

12:45 p.m. **New Treatment Options for** 

Vascular Disease

Mark K. Eskandari, MD

Women and Heart Disease — 1: 15 p.m.

> How Different? Vera H. Rigolin, MD

1:45 p.m. Marfan Syndrome: Not so Rare

S. Chris Malaisrie, MD

2: 15 p.m. **Pulmonary Hypertension:** 

10 Missteps to Avoid

Sanjiv Shah, MD

0&A 2: 45 p.m.

3: 00 p.m. **BREAK** 

### **SESSION VII**

3:15 p.m. - CORONARY ARTERY DISEASE

5:30 p.m. Chair: Charles J. Davidson, MD

Faculty: Dr. Flaherty, Dr. Rao and

Dr. Fintel

The New Guidelines: 3:15 p.m.

> NSTEMI and STEMI: PCI/CABG. What You Should Know Now

James D. Flaherty, MD

3:45 p.m. Critical Issues in ACS 1:

When PCI Isn't Immediately Available

What is the Correct Approach?

Sunil Rao, MD

4:15 p.m. Critical Issues in ACS 2:

The New Antiplatelet Drugs

Dan J. Fintel, MD

Critical Issues in ACS 3: 4:40 p.m.

The Future of PCI

Charles J. Davidson, MD

5:05 p.m. Case Discussions and Q&A

Case 1:

PCI vs. CABG

John D. Flaherty, MD

Case 2:

ACS in a Patient at Risk for Bleeding

Dan J. Fintel, MD

5:25 p.m. Wrap Up and Adjourn





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