

18th Annual Intensive Review of Cardiology

Comprehensive Update and Advances

August 19 – 23, 2017

InterContinental Hotel and Bank of America Conference Center
Cleveland, OH

Register Today!

ccfcme.org/GoCardioReview17

**Attend
and Earn ABIM
MOC Points**

**ABIM
CME MOC
ACCREDITED**

FEATURING

- Simultaneous session for Advanced Practice Nurses
- Opportunity to earn ABIM MOC Points as part of full course registration



Cleveland Clinic has ranked as the nation's #1 heart care program for 22 consecutive years by U.S. News & World Report.

OPTIONAL PRESYMPOSIUM Guideline Based Therapies

**Saturday, August 19, 2017
11 am – 5 pm**

Join us at Cleveland Clinic's 18th Annual Intensive Review of Cardiology

Dear Colleague,

You are expressly invited to attend the *18th Annual Intensive Review of Cardiology: Comprehensive Update and Advances*, August 19 – 23, 2017 at the InterContinental Hotel and Bank of America Conference Center on the Cleveland Clinic main campus in Cleveland, Ohio.

This educational activity continues to be a wonderful forum to critically review current thinking and management of all the major cardiovascular disciplines. The focus will be on the delivery of contemporary medicine, including complex patient management and decision-making for practicing cardiologists. Cardiovascular board certification and re-certification examination candidates may also find this review useful.

This year attendees will be able to earn ABIM Maintenance of Certification points as part of full course registration and we will once again have a simultaneous session to address the needs of advanced practice nurses.

You will find this symposium to be fun, clinically relevant, and stimulating. Get engaged in integrated audience interaction with reviews of cases, images, and relevant data during the lectures.

The comprehensive four-day program will be memorable. The review highlights clinical evaluation and management of the patient encountered in daily practice. An update of current ACC/AHA guidelines that support treatment and management recommendations, as well as a review of controversies and dilemmas will answer any questions you may have.

Introducing an optional pre-symposium on Saturday, August 19th:

**Guideline Based Therapies
Focusing on Recent Guidelines in
Cardiovascular Medicine
11:00 am – 5:00 pm**

Many other important topics and cases will be included. The Bank of America Conference Center has exceptional amenities that enhance learning and comfort. As codirectors, we truly hope you will be able to join us in August for this exciting and memorable educational activity that impacts your clinical decision making.

Sincerely,

**Samir Kapadia, MD, FACC
Venugopal Menon, MD, FACC**

Who should attend?

Practicing cardiologists and cardiology fellows, physician assistants, nurses, advanced practice nurses, and mid-level practitioners seeking a comprehensive review of contemporary cardiovascular medicine will benefit from this Symposium.

Intensive Review of Cardiology will help you:

- Summarize results from research studies investigating the biologic basis and pathophysiology of cardiovascular diseases (CVD)
- Analyze results from recent clinical trials for CVD and describe their potential impact on clinical practice
- Present safety and efficacy data on the new drugs, formulations, and indications for CVD and describe their implications for clinical care
- Describe the recent surgical innovations, including devices, techniques, and approaches for CVD
- Review new developments in CV imaging technologies and assess their potential use in clinical care
- Review recent evidence-based recommendations for CVD management strategies and assess their implications for clinical practice

Co-directors

Samir Kapadia, MD, FACC

Section Head, Interventional Cardiology
Director, Cardiac Catheterization Laboratories
Director, Interventional Cardiology Fellowship
Department of Cardiovascular Medicine
Heart and Vascular Institute
Cleveland Clinic

Venu Menon, MD, FACC

Director, Coronary Care Unit
Director, Cardiovascular Fellowship
Department of Cardiovascular Medicine
Heart and Vascular Institute
Cleveland Clinic

**Lectures will be presented by
Cleveland Clinic Professional Staff**

OPTIONAL PRESYMPOSIUM

Guideline Based Therapies

Saturday, August 19, 2017

11:00 am Registration and Light Lunch

Learning from the Guidelines

11:50 am Introduction

12:00 pm Dual Antiplatelet Therapy in Patients With CAD

12:30 pm Valve Guidelines – Important Take Home Messages

1:00 pm AUC for PCI – What is Considered Appropriate?

1:30 pm Refreshment Break

1:45 pm AMI Guidelines – Is There Anything New?

2:15 pm ACC AHA Guidelines for Syncope Assessment

2:45 pm Lower Extremity Peripheral Artery Disease Guidelines

3:15 pm Refreshment Break

3:30 pm Prevention of Sudden Cardiac Death – ACC AHA Quality and Performance Measures

4:00 pm ACC AHA Guidelines for New Pharmacotherapy for Heart Failure

4:30 pm Guidelines and Quality Measures for AF Management

5:00 pm Adjourn

A five-minute question and answer period is included in each speakers allotted time.

1:00 pm Sudden Cardiac Death – Facts, Guidelines, and Beyond

1:30 pm Cases of SCD and Discussion

2:00 pm Evaluation and Management of Syncope and POTS

2:30 pm Pacemaker – Basics to Advanced Features and Monitoring

3:00 pm Refreshment Break/Exhibits

Cardiac Resynchronization Therapy

3:15 pm Case-based Approach to CRT

3:40 pm ICD – Indications, Options, and Follow-up

4:00 pm Management of Device Infections

4:30 pm New EP Technologies – Leadless Pacemaker to Novel Ablation Technology

5:00 pm Adjourn

Monday, August 21, 2017

6:30 am Continental Breakfast/Exhibits

Interventional Cardiology

7:00 am ECG Review

8:00 am Essential Clinical Pharmacology of Antiplatelet and Antithrombotic Agents

8:30 am Perspective on Revascularization in Stable Angina

9:00 am STEMI Management: State of the Art

9:30 am Evidence-based Management of USA and NSTEMI

10:00 am Bio-absorbable Stents

10:30 am Refreshment Break/Exhibits

10:45 am Essentials and Current Indications for CTA for CAD Evaluation

11:15 am Evolving Role and Timing of Multi Vessel Intervention in STEMI

11:45 am TAVR – Current Indications and Future Promise

12:15 pm Lunch

1:00 pm Percutaneous Mitral and Tricuspid Interventions

1:30 pm Lower Extremity PAD – Current Status in 2017

2:00 pm Chronic Total Occlusion – Techniques and Rationale

2:30 pm Utility of PFO Closure and LAA Occlusion in Stroke Prevention

3:00 pm Refreshment Break/Exhibits

3:15 pm Multivessel CAD – PCI or CABG?

3:35 pm LM Stenting – Is It Standard of Care?

3:55 pm Duration of Dual Antiplatelet Therapy Following Coronary Intervention

4:15 pm Cardiogenic Shock

4:35 pm Radial Should Be Default Access

5:00 pm Interesting Angiograms

6:00 pm Adjourn

Comprehensive Update and Advances

Sunday, August 20, 2017

7:00 am Registration/Continental Breakfast/ Exhibits

Electrophysiology

7:50 am Introduction

8:00 am Expert Approach to Supraventricular Tachycardia

Management of Atrial Fibrillation

8:45 am Update on Ablation for Atrial Fibrillation

9:10 am Medical Stroke Prevention NOACs

9:35 am Left Atrial Appendage Occlusion

10:00 am Case-based Approach to Atrial Fibrillation

10:30 am Refreshment Break/Exhibits

10:45 am Frequent PVCs – Significance, When to Treat, and Treatment Options

11:15 am Systematic Approach to Wide Complex Tachycardias

11:45 am Ventricular Tachyarrhythmias

12:15 pm Lunch

SIMULTANEOUS SESSION

Special Session for Advanced Practice Nurses

1:00 pm	Patient With CAD and Chest Pain: Management Pearls
1:20 pm	Patient Referred for Trans Aortic Valve Replacement: What Do I Need to Know?
1:40 pm	Patient With Advanced Congestive Heart Failure: How Do I Optimize Pharmacotherapy?
2:00 pm	Patient Referred for Atrial Fibrillation: When Do I Refer for Ablation?
2:20 pm	Patient With Severe Mitral Regurgitation: When is Surgery Indicated?
2:40 pm	Patient Referred for Cardiac Resynchronization Therapy: What are the Indications?
3:00 pm	Refreshment Break/Exhibits
3:15 pm	Patient on Advanced Hemodynamic Support: When Do I Use Them and What are the Indications?
3:35 pm	Patient With Syncope: How Do I Work Up the Patient?
3:55 pm	Patient With Aortic Dilatations: When Do I Refer for Surgery?
4:15 pm	How Do I Manage the Patient Who Develops Muscle Pain on a Statin?
4:30 pm	Adjourn

Tuesday, August 22, 2017

7:00 am	Continental Breakfast/Exhibit
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Imaging

8:00 am	Congenital Heart Disease
8:30 am	Aortic Stenosis – Diagnosis and Management From Asymptomatic to Low Gradient AS
9:00 am	Mitral Regurgitation – Diagnosis and Management
9:30 am	Mitral Stenosis
10:00 am	Tricuspid and Pulmonary Valve Disease
10:30 am	Refreshment Break/Exhibits
10:45 am	Prosthetic Valve Dysfunction
11:15 am	Management of Infective Endocarditis
11:45 am	Spotting the Zebras: Rare But Typical Echo Presentation
12:15 pm	Lunch
1:00 pm	Aortic Aneurysms – Diagnosis and Management Guidelines
1:30 pm	Diastolic Function Assessment
2:00 pm	Role of Stress Testing in Asymptomatic Valvular Heart Disease
2:30 pm	Restriction and Constriction – Expert Approach
3:00 pm	Refreshment Break/Exhibits
3:15 pm	HOCM – Indications for Surgery

3:35 pm	Sports Cardiology: Is it Normal Physiology or Maladaptation?
3:55 pm	Use of Echo to Assess Hemodynamics
4:15 pm	Utility of PET and Flow Quantification in CAD
4:40 pm	MRI for Ischemia and Viability
5:00 pm	Interesting Echocardiograms
6:00 pm	Adjourn

Wednesday, August 23, 2017

7:00 am	Continental Breakfast/Exhibits
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Heart Failure and Clinical Cardiology

8:00 am	Acute and Chronic Systolic and Diastolic Heart Failure
9:00 am	Management of Advanced Heart Failure
9:30 am	When Do I Really Get Worried For My Patient With Heart Failure: Clinical, Laboratory, and Biomarkers of Risk
10:00 am	Monitoring, Home Care, and Follow Up of CHF Patients
10:30 am	Refreshment Break/Exhibits
10:45 am	Sacubitril Valsartan: Review of the Data
11:15 am	Role of Invasive Hemodynamic Monitoring in Heart Failure
11:45 am	Novel Interventions in the Management of Amyloidosis
12:15 pm	Lunch
1:00 pm	Non Invasive Assessment of LE PVD
1:20 pm	Medical Management of Claudication
1:40 pm	Role of the PERT Team in Clinical Practice
2:00 pm	Diagnosis and Management of Heparin Induced Thrombocytopenia
2:20 pm	Carotid Stenting – Current Indications
2:40 pm	FMD – Diagnosis and Management
3:00 pm	Refreshment Break/Exhibits
3:15 pm	Reduction of Cardiovascular Risk in Patients With Diabetes
3:35 pm	Cardiooncology: How Can We Improve Patient Outcomes?
3:55 pm	PCSK 9 Inhibitors: Current Landscape
4:15 pm	Are Triglycerides a Risk Factor For CAD?
4:40 pm	Reducing Cardiovascular Risk in Patients With Diabetes
5:00 pm	Adjourn

A five-minute question and answer period is included in each speakers allotted time.

General Information

Location

InterContinental Hotel and Bank of America Conference Center

9801 Carnegie Avenue
Cleveland, OH 44106

Phone: 216.707.4100 or 877.707.8999

Hotel Accommodations

A limited block of rooms has been reserved at the InterContinental Hotel until 5:00 pm ET, July 28, 2017. To make your reservations, contact the Hotel Reservations Department at 216.707.4100 or 877.707.8999 and identify yourself as being with the **Intensive Review of Cardiology Symposium** for this special rate of \$191 single/double plus tax.

Parking

Parking is available in the East 100th Street Visitor's Parking Garage at prevailing rates. Parking is available at the hotel for an additional charge.

Accreditation

The Cleveland Clinic Foundation Center for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Cleveland Clinic Foundation Center for Continuing Education designates

- Guideline Based Therapies (August 19, 2017) live activity for a maximum of 4.75 AMA PRA Category 1 Credits™.
- Intensive Review of Cardiology (August 20-23, 2017) live activity for a maximum of 34.25 AMA PRA Category 1 Credits™.

Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Participants claiming CME credit from this activity may submit the credit hours to the American Osteopathic Association for Category 2 credit.

American Board of Internal Medicine MOC

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 34.25 MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

MOC is only available for full course registration (August 20-23, 2017).

Other Health Care Professionals

A certificate of attendance will be provided to other health care professionals for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.

Cleveland Clinic Center for Continuing Education reserves the right to cancel or postpone an activity at our sole discretion. In the unlikely event that this occurs, any registration fee(s) paid will be refunded. Be advised that Cleveland Clinic is not responsible for related costs including airline tickets, hotel costs, or any similar fee penalties incurred as a result of any trip cancellations or changes.

Register Online at

www.ccfme.org/GoCardioReview17

Fee includes: Continental breakfasts, refreshment breaks, lunches, and post faculty PowerPoint presentations in PDF format, available online.

Category	Fee
Physician	\$1,000
Resident*/Fellow*	\$525
Non Physician	\$525
Physician – Ohio Chapter of the American College of Cardiology Member	\$750
Resident/Fellow* - Ohio Chapter of the American College of Cardiology Member	\$394
Non-Physician - Ohio Chapter of the American College of Cardiology Member	\$394

*Letter from program director is required to receive the discounted fee. If letter is not received two weeks prior to the activity, the full physician fee will be charged.

Optional Pre-symposium Guideline Based Therapies	Fee
Saturday, August 19, 2017 – 11:00 am – 5:00 pm	\$125

Group Discount Available

Groups of 3 or more from the same office/institution will receive a \$100 discount off the full registration fee. Does not include the optional pre-symposium. Registrants must call 216.448.8710 to receive a promotional code for special pricing.

Visit **www.ccfme.org/GoCardioReview17** for complete registration information.

Registration and Cancellation

Preregistrations are accepted until 2:00 pm ET, August 17, 2017. Register on site after this date.

In case of cancellation, email notification is required to process your refund. A full refund will be issued if canceled by July 21, 2017. After July 21, 2017, a \$125 cancellation fee will be deducted from your refund. No refunds will be issued after August 14, 2017.

For questions about registration or cancellation, email us at cmeregistration@ccf.org or call 216.448.8710.

Information

For further information about this activity, Faculty Disclosure, and Americans with Disabilities Act, contact the Cleveland Clinic Center for Continuing Education.

Website: ccfme.org/GoCardioReview17
Local: 216.444.9990



*in cooperation with
Ohio Chapter of the
American College of Cardiology*



The Cleveland Clinic Foundation
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Educators at Heart