



HARVARD
MEDICAL SCHOOL

This course sold out last year. Early registration to the 2018 program is strongly recommended.

Update in Clinical **CARDIOLOGY**

OCTOBER 10 – 12, 2018

BOSTON, MA

Under the direction of
Adolph M. Hutter, Jr., MD
Anthony Rosenzweig, MD
Rory B. Weiner, MD

*Earn up to 22.50 AMA PRA Category 1 Credits™
22.50 ABIM MOC Points*



Comprehensive updates, strategies, and practice recommendations to optimize patient care and outcomes

Education for PHYSICIANS, NPs, PAs from the following specialties:

- Cardiology
- Vascular Medicine
- Critical Care and Trauma
- Emergency Medicine
- Internal Medicine
- Family Medicine
- Geriatrics

- Coronary Artery Disease
- Diabetes
- Biomarkers
- Valvular Heart Disease
- Congestive Heart Failure
- Dyslipidemia
- Atrial Fibrillation
- Ventricular Arrhythmias
- Advanced Cardiac Imaging
- Exercise and Heart Disease
- Thoracic Aortic Disease
- Adult Congenital Heart Disease
- Heart Disease in Pregnancy
- Cardio-Oncology
- Peripheral Arterial Disease
- Pulmonary Embolism



MASSACHUSETTS
GENERAL HOSPITAL
**CORRIGAN MINEHAN
HEART CENTER**

Register at Cardiology.HMSCME.com

CLINICAL CARDIOLOGY 2018

Course Description

There is a persistent gap between the practice of cardiology and the guideline-recommended evaluation and therapy. In a time of continually changing information based on ongoing new research findings, the practicing clinician has a hard time maintaining an up-to-date knowledge base and, therefore, competency in these areas. As a result, the performance of the clinician frequently lags behind state-of-the-art practices. This course addresses this gap by providing an extensive review of clinical cardiology through didactic lectures, panel discussions, and cases emphasizing newer concepts of diagnosis, decision making, pharmacology and therapy in the areas of ischemic heart disease, valvular heart disease, cardiac arrhythmias, congestive heart failure and other more specific areas.

Harvard Medical School Faculty

The faculty is assembled from the best clinician-educators at Harvard Medical School and Massachusetts General Hospital and is designed to deliver the highest-quality educational experience:

- Teaching practical, effective clinical reasoning and approaches that enable you to practice state-of-the-art clinical cardiology
- Allowing ample time for participants to interact with faculty and to pose and get answers to your specific questions
- Providing the latest information in an engaging manner and clinically usable context so that you have knowledge you can “take home” and immediately apply to patient care

Aaron L. Baggish, MD
Ami B. Bhatt, MD
G. William Dec, MD
Douglas E. Drachman, MD
Michael A. Fifer, MD
Mason W. Freeman, MD
Samuel Z. Goldhaber, MD
E. Kevin Heist, MD, PhD
Adolph M. Hutter, Jr., MD
Eric M. Isselbacher, MD
Farouc A. Jaffer, MD, PhD

James L. Januzzi, MD
Tomas G. Neilan, MD, MPH, MRCPI
Michelle L. O'Donoghue, MD
Jonathan J. Passeri, MD
Anthony Rosenzweig, MD
Jeremy N. Ruskin, MD
Marc S. Sabatine, MD, MPH
Nandita S. Scott, MD
Jagmeet P. Singh, MD, PhD
Sunu S. Thomas, MD
Rory B. Weiner, MD



MASSACHUSETTS
GENERAL HOSPITAL

CORRIGAN MINEHAN
HEART CENTER

Course Directors

Adolph M. Hutter, Jr., MD, *Professor of Medicine, Harvard Medical School; Founding Director, Cardiac Performance Program, Corrigan Minehan Heart Center, Massachusetts General Hospital*

Anthony Rosenzweig, MD, *Evelyn and James and Paul Dudley White Professor of Medicine, Harvard Medical School; Chief of Cardiology and Co-Director, Corrigan Minehan Heart Center, Massachusetts General Hospital*

Rory B. Weiner, MD, *Assistant Professor of Medicine, Harvard Medical School; Inpatient Medical Director, Corrigan Minehan Heart Center, Massachusetts General Hospital*





Dear Colleague,

The strategies we employ and the options at our disposal to diagnose and treat patients with cardiovascular disease have advanced considerably in the past year. Update in Clinical Cardiology ensures attendees are current with these advances and how to incorporate them into daily practice to optimize patient outcomes.

The 2018 program offers you the opportunity to learn:

- Important medical and procedural advances for the management of common clinical problems such as coronary artery disease, heart failure, and valvular heart disease
- The latest transcatheter options and best practices to treat patients with severe valvular disease
- The new paradigms for care of specialized populations such as adults with congenital heart disease, cardiac patients with cancer, and athletic individuals
- The latest concepts of diagnosis, decision making, pharmacology and therapy in the areas of ischemic heart disease, cardiac arrhythmias, and congestive heart failure

The faculty is assembled from the best clinician-educators at Harvard Medical School and Massachusetts General Hospital. Designed to deliver the highest-quality educational experience, we place a premium on:

- Teaching practical, effective clinical reasoning and approaches that enable you to practice state-of-the-art clinical cardiology
- Allowing ample time for participants to interact with faculty and to pose and get answers to your specific questions
- Providing the latest information in an engaging manner and clinically usable context so that you have knowledge you can “take home” and immediately apply to patient care

As cardiologists and cardiovascular clinicians, we face the task of treating patients across the wide spectrum of cardiac disease. Our goal is to ensure that you are up to date with the latest information to diagnose and treat your patients in the best manner possible. We look forward to your participation. Boston in the fall is delightful, and we hope to see you then!

Sincerely,



Adolph M. Hutter, Jr., MD
Course Director



Anthony Rosenzweig, MD
Course Director



Rory B. Weiner, MD
Course Director



Educational Impact

PARTICIPANT EXPERIENCE

“This is the best course in terms of current, state-of-the-art information and careful, thoughtful evaluation about how to apply it.”

“I now have a more critical eye about ordering stress tests and coronary screening tests for patients preoperatively.”

“Having attended this program, I am more confident treating pregnant patients with concomitant cardiac disease.”

“This course has influenced my practice in too many ways to mention! Among them: avoiding enteric coated aspirin, making better use of the guidelines for evaluation/stress tests, and making better decisions regarding DAPT as well as NOACs.”

“The clinically useful knowledge presented in this course, especially concerning syncope, cardiac markers, PE and AF was truly exceptional.”

“This program has updated my management of pulmonary HTN, PE and Coronary Artery Disease.”

“Cutting-edge information was presented in every lecture.”

“I follow the expert info/guidelines presented at this course, especially for DAT as well as anticoagulation duration for recurrent PE/DVT.”

“This is the best conference I have been to as far as overall quality of the speakers.”

“I have made changes to my practice in the current control of hypertension, lipidemias, and peripheral vascular disease.”

“The aspirin data supplied in this course really changed my practice on DAPT for post-PCI patients.”

“I count on and look forward to this conference every year to benchmark my practice and to stay current and skilled.”

LEARNING OBJECTIVES

Upon completion of this activity, participants will be able to:

Apply newly acquired knowledge of cardiovascular disease in the care of cardiac patients

Incorporate the principles of proper evaluation for cardiovascular disease into practice

Determine the goals to be achieved in the care of cardiovascular patients and implement tools to achieve these goals

Use diagnostic and therapeutic tools to treat patients with cardiovascular disease appropriately

Program changes/substitutions may be made without notice. To view the most up-to-date version of the course program, please visit the course website.

MOC Statement

Successful completion of this CME activity enables the participant to earn up to 22.50 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 points.

THE COMPREHENSIVE 2018 CLINICAL UPDATE

WEDNESDAY, OCTOBER 10

7:00 - 7:45	Registration
7:45 - 8:00	Introduction Adolph M. Hutter, Jr., MD
Moderator: Adolph M. Hutter, Jr., MD <i>All sessions include 10 minutes of Q&A</i>	
8:00 - 8:50	Clinical Advances for Improved Evaluation of Coronary Artery Disease Adolph M. Hutter, Jr., MD
8:50 - 9:40	Pulmonary Embolism: Pathophysiology and Management Updates Samuel Z. Goldhaber, MD
9:40 - 10:00	Coffee Break (<i>refreshments provided</i>)
10:00 - 10:50	The Role of the Cardiologist in Diabetes Management James L. Januzzi, MD
10:50 - 11:40	What's New in Cardiac Markers James L. Januzzi, MD
11:40 - 12:30	Mitral Regurgitation: Timing of Intervention and Choice between Surgery and Percutaneous Therapy Eric M. Isselbacher, MD
12:30 - 1:30	Lunch break*
Moderator: Rory B. Weiner, MD <i>All sessions include 10 minutes of Q&A</i>	
1:30 - 2:20	Aortic Stenosis: Timing of Intervention and Choice between Surgery and Percutaneous Therapy Jonathan J. Passeri, MD
2:20 - 3:10	The New Medical Therapies for Heart Failure G. William Dec, MD
3:10 - 3:25	Afternoon Break (<i>refreshments provided</i>)
3:25 - 4:10	Advanced Heart Failure and Mechanical Therapy: Is It Effective? Sunu S. Thomas, MD
4:10 - 5:00	Cardio-Oncology in 2018 Tomas G. Neilan, MD, MPH, MRCPI

THURSDAY, OCTOBER 11

Moderator: Adolph M. Hutter, Jr., MD <i>All sessions include 10 minutes of Q&A</i>	
8:00 - 8:50	Incorporating Advances in Electrical Therapy in Heart Failure for Improved Patient Outcomes Jagmeet P. Singh, MD, PhD
8:50 - 9:40	Atrial Fibrillation: Pharmacologic and Nonpharmacologic Therapy Jeremy N. Ruskin, MD
9:40 - 10:00	Coffee Break (<i>refreshments provided</i>)
10:00 - 10:50	Stroke Prevention in Atrial Fibrillation E. Kevin Heist, MD, PhD
10:50 - 11:40	Clinical Trials for Ventricular Arrhythmias E. Kevin Heist, MD, PhD
11:40 - 12:30	Acute Coronary Syndromes: STEMI and NSTEMI Latest Data Marc S. Sabatine, MD, MPH
12:30 - 1:30	Lunch break*
Moderator: Rory B. Weiner, MD <i>All sessions include 10 minutes of Q&A</i>	
1:30 - 2:20	Case Studies: What's the Optimal Imaging? Coronary Artery Disease / Cardiomyopathy Adolph M. Hutter, Jr., MD, Farouc A. Jaffer, MD, PhD, G. William Dec, MD, and Rory B. Weiner, MD
2:20 - 3:10	Thoracic Aortic Disease: Optimal Imaging and Management Eric M. Isselbacher, MD
3:10 - 3:25	Afternoon Break (<i>refreshments provided</i>)
3:25 - 4:10	Dyslipidemia: Latest Concepts Mason W. Freeman, MD
4:10 - 5:00	Hypertrophic Cardiomyopathy: Recognition and Management Michael A. Fifer, MD

ACCREDITATION COUNCIL FOR CONTINUING MEDICAL EDUCATION

The Harvard Medical School is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The Harvard Medical School designates this live activity for a maximum of *22.50 AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

NURSE PRACTITIONERS and REGISTERED NURSES

For the purpose of recertification, the American Academy of Nurse Practitioners Certification Board and American Nurses Credentialing Center accept *AMA PRA Category 1 Credit™* issued by organizations accredited by the ACCME (Accreditation Council for Continuing Medical Education). We would also suggest that learners check with their state licensing board to ensure they accept reciprocity with *AMA PRA Category 1 Credit™* for re-licensure.

THE COMPREHENSIVE 2018 CLINICAL UPDATE

FRIDAY, OCTOBER 12

Moderator: Adolph M. Hutter, Jr., MD
All sessions include 10 minutes of Q&A

8:00 - 8:50	Exercise-Induced Cardiac Remodeling: What Is Normal? Aaron L. Baggish, MD
8:50 - 9:40	How Exercise Protects the Heart: What the Latest Data Tell Us Anthony Rosenzweig, MD
9:40 - 10:00	Coffee Break (<i>refreshments provided</i>)
10:00 - 10:50	Management of Peripheral Arterial Disease in 2018 Douglas E. Drachman, MD
10:50 - 11:40	Heart Disease in Pregnancy: Early Detection through Safe Delivery Nandita S. Scott, MD
11:40 - 12:30	Coronary Disease: Medicate/Dilate/Operate Farouc A. Jaffer, MD, PhD
12:30 - 1:30	Lunch break*

Moderator: Rory B. Weiner, MD
All sessions include 10 minutes of Q&A

1:30 - 2:20	Dual Antiplatelet Therapy in Cardiovascular Disease: What Drugs and How Long? Michelle L. O'Donoghue, MD
2:20 - 3:10	Update in Clinical Echocardiography Rory B. Weiner, MD
3:10 - 3:25	Afternoon Break (<i>refreshments provided</i>)
3:25 - 4:10	Updates to Evaluate and Treat Adult Congenital Heart Disease Ami B. Bhatt, MD
4:10 - 5:00	Indispensable Clinical Pearls: Filling In the Gaps Adolph M. Hutter, Jr., MD and Rory B. Weiner, MD

REASONS TO ATTEND

Updated guidelines for evaluation and care of patients with coronary artery disease, congestive heart failure and arrhythmias

The role of the cardiologist in diabetes management

State-of-the-art approaches for recognition and management of:

- Coronary artery disease
- Valvular heart disease
- Cardiomyopathy
- Arrhythmias

The new data on the impact of exercise on the cardiovascular system and the care of active patients

Improved management of cardiac patients with cancer and adult congenital heart disease

Improved management of pulmonary embolism and peripheral artery disease

Best practices for care of pregnant patients

Clinical application of recent scientific information to patient care

**There are many convenient and varied lunch options within a short walking distance of the course.*

PHYSICIAN ASSISTANTS

The National Commission on Certification of Physician Assistants (NCCPA) states that *AMA PRA Category 1 Credits™* are acceptable for continuing medical education requirements for recertification. We would also suggest that learners check with their state licensing board to ensure they accept reciprocity with *AMA PRA Category 1 Credit™* for re-licensure.

CANADIAN ACCREDITATION

The Royal College of Physicians and Surgeons of Canada recognizes conferences and workshops held outside of Canada that are developed by a university, academy, hospital, specialty society or college as accredited group learning activities.

EUROPEAN ACCREDITATION

Through an agreement between the American Medical Association and the European Union of Medical Specialists, physicians may convert *AMA PRA Category 1 Credit™* to an equivalent number of European CME Credits® (ECMECs®). Information on the process of converting *AMA PRA Category 1 Credits™* to ECMECs® can be found at: www.eaccme.eu.



HARVARD MEDICAL SCHOOL

Update in Clinical Cardiology 2018 Course #732120-1901	Tuition	Register on or before September 15, 2018
Physicians	\$945	\$845 (SAVE \$100)
Allied Health Professionals	\$795	\$695 (SAVE \$100)
Residents, Fellows and Trainees	\$650	

Your tuition includes juice and coffee each morning, and morning and afternoon refreshment breaks. All course participants receive electronic copies of the course materials. You can purchase a printed copy of these materials at the time of online registration for \$50.

Registration, Payment, Confirmation and Refund Policy

Registrations for Harvard Medical School CME programs are made via our secure online registration system. To register for this course, please visit the course website at Cardiology.HMSCME.com.

At the end of the registration process, a \$5 non-refundable processing fee will be added to your registration, and you will have the choice of paying by check or credit card (Visa, MasterCard, or American Express). If you are paying by check (draft on a United States bank), the online registration system will provide you with instructions and a printable form for remitting your course fees by check. Postal, telephone, fax, and cash-payment registrations are not accepted. All fees shown in USD.

Upon receipt of your paid registration, an email confirmation from the HMS GCE office will be sent to you. Be sure to include an email address that you check frequently. Your email address is used for critical information, including registration confirmation, evaluation, and certificate. Refunds, less an administrative fee of \$75, will be issued for all cancellations received two weeks prior to the start of the course. Refund requests must be received by email. No refund will be issued should cancellation occur less than two weeks prior. "No shows" are subject to the full course fee and no refunds will be issued once the conference has started.

Venue

Fairmont Copley Plaza
138 St. James Avenue
Boston, Massachusetts
1-617-267-5300

Accommodations

A limited number of rooms* have been reserved at Fairmont Copley Plaza. Please make your reservation at your earliest convenience—however, no later than September 17, 2018—by visiting the course website and clicking on the dedicated link on the Venue page. If you would like to make your reservation by telephone, please call 1-800-441-1414 by September 17 and specify that you are enrolled in this course to request the reduced room rate.



**Please note that the discounted rooms may sell out before the deadline.*

Please do not make nonrefundable travel arrangements until you have received an email from our office confirming your paid registration.

Questions?

Call 617-384-8600 Mon-Fri 9am – 5pm (ET). Send e-mail to CEPrograms@hms.harvard.edu.

Register at Cardiology.HMSCME.com