

The 57th Annual Internal Medicine Update from the leading Clinical Faculty of Harvard Medical School and Massachusetts General Hospital



HARVARD
MEDICAL SCHOOL

INTERNAL MEDICINE

COMPREHENSIVE REVIEW and UPDATE

June 5 – 10
2017
Boston, MA



This program is among the highest-rated Harvard Medical School CME courses

Under the direction of
Katrina Armstrong, MD
Rocío Hurtado, MD, DTM&H
Vijay Yajnik, MD, PhD

- Comprehensive updates in Internal Medicine and all of its subspecialties
- Strategies to improve diagnosis and management of diseases seen in both ambulatory and inpatient settings
- Includes case-based instruction and daily Q&A sessions with Harvard Medical School's leading clinical faculty
- Expanded treatment options for Diabetes (including new technologies), Cardiovascular Disease, Women's Health
- What's state-of-the-art in Addiction Medicine, Immunotherapies and Biologics, the Human Microbiome, and more
- Participate in a live *NEJM* Clinicopathologic Conference (CPC) session
- **New in 2017 | Treating Obesity in Internal Medicine:** a new optional half-day skills-development workshop



MASSACHUSETTS
GENERAL HOSPITAL

Register at InternalMedicine.HMSCME.com

96 sessions. Full agenda inside.

Who Attends

- Internists
- Family Physicians
- Medical Specialists
- Nurse Practitioners
- Physician Assistants

...and other medical professionals who want a comprehensive review and update in Internal Medicine



This program is among the highest-rated Harvard Medical School CME courses

Learning Objectives

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

- Apply the most up-to-date & evidence-based recommendations for diagnosis and clinical management of the most relevant illnesses seen across Internal Medicine
- Incorporate new clinical and translational research findings across Internal Medicine and its subspecialties into more effective approaches in medical management across a wide array of clinical settings (ambulatory and inpatient)
- Increase the breadth and depth of diagnostic and management strategies used in everyday clinical practice as guided by the medical literature with the aim to improve patient outcomes

2017 Program Highlights

- Comprehensive updates in Internal Medicine and all of its subspecialties
- Strategies to improve diagnosis and management of diseases seen in both ambulatory and inpatient settings
- Includes case-based instruction and daily Q&A sessions with Harvard Medical School's leading clinical faculty
- Expanded treatment options for Diabetes (including new technologies), Cardiovascular Disease, Women's Health
- What's state-of-the-art in Addiction Medicine, Immunotherapies and Biologics, the Human Microbiome, and more
- Participate in a live *NEJM* Clinicopathologic Conference (CPC) session

Accreditation

ACCREDITATION COUNCIL FOR CONTINUING MEDICAL EDUCATION

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

The Harvard Medical School designates this live activity for a maximum of 64.00 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in this activity.

MOC STATEMENT

Successful completion of this CME activity enables the participant to earn up to 64.00 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.

AMERICAN ACADEMY OF FAMILY PHYSICIANS

This Live activity, Internal Medicine Comprehensive Review and Update 2017, with a beginning date of 06/05/2017, has been reviewed and is acceptable for up to 63.75 Prescribed credit(s) by the American Academy of Family Physicians. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

RISK MANAGEMENT

This activity meets the criteria of Massachusetts Board of Registration in Medicine for 2.50 hours of Risk Management Study. This includes 1.75 Credits of Opioid Education and Pain Management Training and .75 Credits of End-of-Life Care Studies. Please check your individual state licensing board requirements before claiming these credits.

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.

Treating Obesity in Internal Medicine: Strategies and Tools to Optimize Patient Care and Outcomes



Optional add-on workshop
Saturday • June 10, 2017

1:45 pm – 5:00 pm

Seating is limited.

Early registration is advised.

Course Description

This program provides a comprehensive and evidence-based review of the rapidly evolving changes impacting the practice of Internal Medicine. Led by Harvard Medical School's most distinguished clinical faculty, this course emphasizes recent advances, state-of-the-art clinical strategies, controversies, the latest guidelines, and improved options for screening, diagnosis and management of illnesses across Internal Medicine and all its subspecialties:

- Cardiovascular Disease
- Hematology and Oncology
- Gastroenterology and Hepatology
- Pulmonary and Critical Care
- Infectious Diseases
- Endocrinology
- Addiction Medicine
- Nephrology
- Rheumatology
- Women's Health
- Lifestyle Medicine
- Obesity Medicine
- Neurology and Psychiatry
- Dermatology
- Palliative Care

All updates are paired with specific practice recommendations to help you achieve optimal patient outcomes in both inpatient and outpatient settings, and to ensure you remain at the leading edge of Internal Medicine.

Harvard Medical School Faculty

Course Directors

Katrina Armstrong, MD, Jackson Professor of Clinical Medicine, Harvard Medical School
Physician-in-Chief, Department of Medicine, Massachusetts General Hospital

Rocio M. Hurtado, MD, DTM&H, Assistant Professor of Medicine, Harvard Medical School
Director of Mycobacterial Center of Excellence, Division of Infectious Diseases, Department of Medicine, Massachusetts General Hospital

Vijay Yajnik, MD, PhD, Assistant Professor of Medicine, Harvard Medical School
Division of Gastroenterology, Department of Medicine, Massachusetts General Hospital

Harvard Medical School Faculty

Ashwin Ananthakrishnan, MBBS, MPH

Katrina Armstrong, MD

Michael Bierer, MD

Marcy Bolster, MD

Enrico Cagliero, MD

Adam Carinci, MD

Daniel Chung, MD

Raymond Chung, MD

Kathleen Corey, MD, MPH

Gary Curhan, ScD, MD

Anthony D'Amico, MD, PhD

Gilbert Daniels, MD

Benjamin Davis, MD

Marcela Del Carmen, MD

Jules Dienstag, MD

David Dudzinski, MD

Leslie Fang, MD, PhD

Donna Felsenstein, MD

Andrew Fennes, MD

Mark Fisher, MD

Mason Freeman, MD

Robert Friday, MD, PhD

Justin Gainor, MD

Raj Gandhi, MD

Joseph Garasic, MD

John Garber, MD

Fiona Gibbons, MD

Samuel Goldhaber, MD

R. Scott Harris, MD

Paul Hesterberg, MD

Martin Hirsch, MD

Elizabeth Hohmann, MD

Chin Hur, MD

Rocio Hurtado, MD, DTM&H

Adolph Hutter, MD

Eric Isselbacher, MD

Vicki Ann Jackson, MD

Michael Jaff, DO

Lee Kaplan, MD, PhD

Sekar Kathiresan, MD

Camille Kotton, MD

Daniela Kroshinsky, MD

Braden Kuo, MD

David Kuter, MD, DPhil

Irene Kuter, MD, DPhil

Alyssa Letourneau, MD, MPH

Andrew Lundquist, MD

Sriram Machineni, MBBS

Moussa Mansour, MD

Kathryn Martin, MD

Melissa Mattison, MD

Guy Maytal, MD

Eli Miloslavsky, MD

James Mojica, MD

Janet Murphy, MD

David Nathan, MD

Sandra Bliss Nelson, MD

Christopher Newton-Cheh, MD

Carl Pallais, MD, MPH

Daniel Pratt, MD

Fadi Ramadan, MD

Eric Rosenberg, MD

Douglas Ross, MD

Steven Russell, MD, PhD

Edward Ryan, MD, DTM&H

Marc Sabatine, MD

Martin Samuels, MD

Kai Saukkonen, MD

Paul Sax, MD

Aneesh Singhal, MD

David Steele, MBBS

John Stone, MD, MPH

Ryan Sullivan, MD

David Sykes, MD, PhD

Adam Tenforde, MD

Ravi Thadhani, MD

Taylor Thompson, MD

Sarah Wakeman, MD

Malissa Wood, MD

Ramnik Xavier, MD, PhD

Vijay Yajnik, MD, PhD

Sigal Yawetz, MD

Doreen Defaria Yeh, MD

Elaine Yu, MD, MMSc

Randall Zusman, MD

Guest Faculty

Juan Carlos Ayus, MD, Director of Clinical Research, Renal Consultants of Houston

AGENDA

Monday • June 5

6:30 am	Registration and Breakfast
7:00 am	Course Introduction Rocío Hurtado, MD, DTM&H, and Vijay Yajnik, MD, PhD
7:15 am	Acute Renal Failure: What's New Leslie Fang, MD, PhD
8:00 am	Venous Thromboembolic Disease: A Practical Approach Samuel Goldhaber, MD
8:45 am	Acid Base for Internists Andrew Lundquist, MD
9:15 am	New Frontiers in Vitamin D Ravi Thadhani, MD
9:45 am	Kidney Stones: What You Need to Know Gary Curhan, ScD, MD
10:15 am	Break (Refreshments provided)
10:30 am	Update in Management of Chronic Kidney Disease, including ESRD David Steele, MBBCh
11:15 am	Renal Cases: Interactive Session Andrew Fenves, MD
12:00 pm	Dysnatremias: A Practical Approach Juan Carlos Ayus, MD
1:00 pm	Lunch Break
2:00 pm	Scleroderma: A Practical Approach Marcy Bolster, MD
2:20 pm	Systemic Lupus for the Internist Robert Friday, MD, PhD
2:40 pm	Vasculitis in 2017: A Rational Approach John Stone, MD, MPH
3:30 pm	Break (Refreshments provided)
3:45 pm	Rheumatology Cases: Interactive Session Eli Miloslavsky, MD
4:15 pm	Update in Prostate Cancer Anthony D'Amico, MD, PhD
5:00 pm	Rheumatoid Arthritis: What's New Mark Fisher, MD
5:30 pm	Hospital Medicine Update: What's New Melissa Mattison, MD
6:15 pm	Dermatology for the Internist Daniela Kroshinsky, MD
7:00 pm	Daily Program Ends

Tuesday • June 6

6:30 am	Breakfast
7:00 am	Breakfast Session: Q & A with the Professors Renal & Rheumatology Faculty Moderator: Ravi Thadhani, MD
7:30 am	Hyper- and Hypothyroidism: What You Need to Know Gilbert Daniels, MD
8:15 am	Update in Thyroid Nodules Douglas Ross, MD
8:45 am	Adult Onset Diabetes Management: What's New David Nathan, MD
9:30 am	Break (Refreshments provided)
9:45 am	Recent Advances in Diabetes Enrico Cagliero, MD
10:30 am	New Technologies in the Treatment of Diabetes Steven Russell, MD, PhD
11:00 am	Practical Approach to the Patient with Menopausal Symptoms Kathryn Martin, MD
11:30 am	Lunch Break
12:30 pm	Osteoporosis: A Practical Approach for 2017 Elaine Yu, MD, MMSc
1:15 pm	Cases in Endocrinology: Interactive Session Carl Pallais, MD, MPH
1:45 pm	Allergy and Immunology Update Paul Hesterberg, MD
2:30 pm	What's New in Sleep Apnea James Mojica, MD
3:00 pm	Update in Sepsis 2017 Taylor Thompson, MD
3:45 pm	Break (Refreshments provided)
4:00 pm	Lung Cancer Update Justin Gainor, MD
4:45 pm	Asthma Diagnosis and Management in 2017 Fiona Gibbons, MD
5:15 pm	How to Approach Chronic Cough Kai Saukkonen, MD
6:00 pm	Update on COPD R. Scott Harris, MD
6:45 pm	Screening for GYN-Related Cancers: What's New Marcela Del Carmen, MD
7:15 pm	Daily Program Ends

AGENDA

Wednesday • June 7

6:30 am	Breakfast
7:00 am	Breakfast Session: Q & A with the Professors Endocrine & Pulmonary Faculty Moderator: Enrico Cagliero, MD
7:30 am	C. diff Update: What's New in 2017 Elizabeth Hohmann, MD
8:15 am	Common Curbside Consults in ID Paul Sax, MD
9:00 am	Acute HIV Update Eric Rosenberg, MD
9:30 am	Break (Refreshments provided)
9:45 am	Urinary Tract Infections: The Common and the Complicated Sigal Yawetz, MD
10:30 am	Antibiotics: What You Need to Know in 2017 Alyssa Letourneau, MD, MPH
11:15 am	Break
11:30 am	Working Lunch: CPC New England Journal of Medicine Moderator: Eric Rosenberg, MD <i>Lunch provided</i>
12:30 pm	Pneumonia: A Practical Approach in 2017 Benjamin Davis, MD
1:15 pm	Mycobacterial Infections: Case-Based Session Rocío Hurtado, MD, DTM&H
2:00 pm	Update in Immunizations and Travel Medicine Edward Ryan, MD, DTM&H
2:45 pm	Break (Refreshments provided)
3:00 pm	Skin/Soft Tissue Infections for the Internist Sandra Bliss Nelson, MD
3:45 pm	HIV/AIDS Update for the Internist Martin Hirsch, MD
4:30 pm	ID Cases: Panel and Interactive Session Raj Gandhi, MD
5:15 pm	Infections in the Immunocompromised Host Camille Kotton, MD
5:45 pm	Biologics Primer: The Care of the Patient on Immunomodulators Vijay Yajnik, MD, PhD
6:15 pm	Sexually Transmitted Diseases in 2017 Donna Felsenstein, MD
7:00 pm	Daily Program Ends

Thursday • June 8

6:30 am	Breakfast
7:00 am	Breakfast Session: Q & A with the Professors ID Faculty-Moderator: Rocío Hurtado, MD, DTM&H
7:30 am	Breast Cancer Screening and Prevention in 2017 Katrina Armstrong, MD
8:15 am	Breast Cancer Management: What's New in the Field Irene Kuter, MD, DPhil
9:00 am	Coagulation I David Kuter, MD, DPhil
9:45 am	Break (Refreshments provided)
10:00 am	Anemia: A Case-Based Approach David Sykes, MD, PhD
10:45 am	Coagulation II David Kuter, MD, DPhil
11:30 am	Break
11:45 am	Working Lunch: Obesity Treatment in 2017: What's New Lee Kaplan, MD, PhD <i>Lunch provided</i>
12:30 pm	Inflammatory Bowel Disease: An Update Ashwin Ananthakrishnan, MBBS, MPH
1:15 pm	Hepatitis Update: A, B, D & E Jules Dienstag, MD
2:00 pm	Hepatitis C: New Frontiers Raymond Chung, MD
2:45 pm	Non-Alcoholic Fatty Liver Disease: An Emerging Threat Kathleen Corey, MD, MPH
3:15 pm	Break (Refreshments provided)
3:30 pm	Colon Cancer Update for the Internist Daniel Chung, MD
4:00 pm	IBS: A Practical Approach to Treating Constipation and Diarrhea Braden Kuo, MD
4:45 pm	What's New in Eosinophilic GI Disorders and Celiac Disease John Garber, MD
5:15 pm	Update in Upper GI Tract Diseases for the Internist Chin Hur, MD
6:00 pm	The Human Microbiome and Gut Health: New Frontiers Ramnik Xavier, MD, PhD
6:30 pm	A Rational Approach to the Patient with Abnormal LFTs Daniel Pratt, MD
7:00 pm	Update in GI Malignancies in 2017 Janet Murphy, MD
7:30 pm	Daily Program Ends

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.

Register at InternalMedicine.HMSCME.com

AGENDA

Friday • June 9

6:30 am	Breakfast
7:00 am	Breakfast Session: Q & A with the Professors Oncology & GI Faculty Moderator: Vijay Yajnik, MD, PhD
7:30 am	Best Approaches in the Evaluation of Patients with CAD Adolph Hutter, MD
8:15 am	Atrial Fibrillation and Ventricular Arrhythmias in 2017 Moussa Mansour, MD
9:00 am	Medical Management of CAD: What's Optimal Adolph Hutter, MD
9:45 am	Break (Refreshments provided)
10:15 am	Exercise for Health: What's New in 2017 Adam Tenforde, MD
10:45 am	Thoracic Aorta Disease Update Eric Isselbacher, MD
11:15 am	Peripheral Arterial Disease: What You Need to Know Michael Jaff, DO
11:45 am	Break
12:00 pm	Working Lunch: Q & A Session with Cardiology Cardiology Faculty Moderator: David Dudzinski, MD <i>Lunch provided</i>
12:45 pm	Hyperlipidemia Update Mason Freeman, MD
1:30 pm	Acute Coronary Syndrome in 2017 Marc Sabatine, MD
2:15 pm	Update in Reperfusion Therapy of Acute MI Joseph Garasic, MD
3:00 pm	Valvular Heart Disease: What's New Doreen Defaria Yeh, MD
3:30 pm	Break (Refreshments provided)
3:45 pm	Update in Heart Failure Christopher Newton-Cheh, MD
4:30 pm	Genetics and New Frontiers in Cardiology Sekar Kathiresan, MD
5:00 pm	Heart Disease in Women: What's New in 2017 Malissa Wood, MD
5:30 pm	Current State of Hypertension Guidelines Randall Zusman, MD
6:15 pm	Palliative Care: What the Internist Should Know Vicki Ann Jackson, MD
7:00 pm	Daily Program Ends

Saturday • June 10

6:30 am	Breakfast
7:00 am	In Defense of Mistakes: A Physician's View Martin Samuels, MD
8:00 am	Immunotherapies: What You Need to Know Ryan Sullivan, MD
8:30 am	Headaches and Stroke: Update for the Internist Aneesh Singhal, MD
9:15 am	Break (Refreshments provided)
9:30 am	Update on Depression and Anxiety Guy Maytal, MD
10:30 am	Case Studies in Elderly Patients: Interactive Session Fadi Ramadan, MD
11:15 am	Update in Addiction Medicine (panel) Michael Bierer, MD and Sarah Wakeman, MD
12:15 pm	The Use of Opiates for Chronic Pain Management Adam Carinci, MD
1:00 pm	Main Course Adjourns

Optional Add-On Workshop

Treating Obesity in Internal Medicine:

Strategies and Tools to Optimize Patient Care and Outcomes



1:45 pm	The Relevant Science of Obesity: Setting the Stage for Greater Success Lee Kaplan, MD, PhD
2:20 pm	Addressing Obesity in Internal Medicine: Enhancing Clinical Value, Preserving Operational Efficiency Sriram Machineni, MBBS
2:55 pm	Lifestyle-Directed Anti-Obesity Therapy: Optimizing Engagement, Improving Outcomes Sriram Machineni, MBBS
3:30 pm	Break (Refreshments provided)
3:45 pm	Pharmacological Treatment of Obesity: Who, What and How? Lee Kaplan, MD, PhD
4:20 pm	Surgical Treatment of Obesity: Who, What and When? Lee Kaplan, MD, PhD
5:00 pm	Workshop Adjourns

Now offering ABIM MOC Points



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The 57th Annual Internal Medicine Update from the Clinical Faculty and Master Clinicians of Harvard Medical School and Massachusetts General Hospital

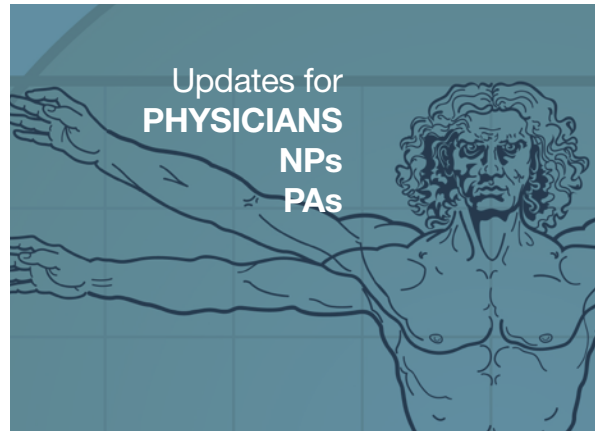
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Internal Medicine Comprehensive Review and Update 2017

(Course #732775-1702)

	Tuition
Physicians	\$1,745
Allied Health Professionals, Residents and Fellows	\$1,645
Treating Obesity in Internal Medicine Saturday, June 10, 1:45 pm – 5:00 pm <i>Seating is limited. Early registration is advised.</i>	\$165

Your tuition includes breakfast each day; morning and afternoon refreshment breaks; lunch on Wednesday, Thursday, and Friday; and free internet in the meeting room. All course participants receive a flash drive containing all of the course materials. You can purchase a printed copy of these materials at the time of online registration for \$75, or for \$100 on site at the course (while supplies last).

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 InternalMedicine.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

The Royal Sonesta Boston
40 Edwin H. Land Boulevard
Cambridge, Massachusetts 02142
617-806-4200



ACCOMMODATIONS

A limited number of rooms have been reserved at the Royal Sonesta Hotel until May 12, 2017. When calling the hotel, be sure to specify that you are enrolled in this activity to receive a reduced room rate of \$255 per person single/double occupancy. You can also make your discounted reservation online before May 12 by visiting the course website and clicking on the dedicated link on the Venue page.

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

INQUIRIES

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