



HARVARD
MEDICAL SCHOOL



Beth Israel Deaconess
Medical Center

ANNUAL UPDATE IN INTERNAL MEDICINE | 2019

DEC. 8-14, 2019 THE WESTIN COPLEY PLACE | BOSTON, MA



ABIM MOC Points Available

CME FOR INTERNISTS, FAMILY PHYSICIANS, MEDICAL SPECIALISTS, NPs AND PAs

UPDATES, ADVANCES AND BEST PRACTICES TO OPTIMIZE PATIENT CARE IN ALL AREAS OF INTERNAL MEDICINE

More than 80 interactive lectures, case-based reviews and ask-the-experts sessions led by the foremost authorities in:

- Cardiology
- Common orthopedic conditions
- Endocrinology
- ENT and ophthalmology
- Gastroenterology
- Hematology
- Hepatology
- Infectious diseases
- Leadership in medicine
- Medical and surgical management of obesity
- Nephrology
- Neurology
- Oncology
- Opiates for chronic pain
- Pulmonary diseases
- Psychiatry
- Rheumatology
- Sleep deprivation

UNDER THE LEADERSHIP OF:

SANJIV CHOPRA, MD, MACP | MARTIN J. ABRAHAMSON, MD, FACP | MARK L. ZEIDEL, MD

EARN UP TO:

54.00 AMA PRA Category 1 Credits™ | 54.00 ECMECs® | 54.00 ABIM MOC Points
10.25 Risk Management Credits, including 1 Credit in Opioid Education and Pain Management Training
53.75 Prescribed Credits by the American Academy of Family Physicians

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FACULTY

Dear Colleague,

The world of internal medicine is changing at a faster pace than ever before. The practicing physician faces ever-increasing challenges to keep abreast with these changes in order to provide state-of-the-art care for patients. It's with these challenges in mind that we developed this program to provide you with updates, advances and best practices to optimize patient care in all areas of medicine.

Our course will cover all the major subspecialties, including cardiology, endocrinology, ENT and ophthalmology, gastroenterology, hematology, hepatology, infectious diseases, nephrology, neurology, oncology, pulmonary diseases, psychiatry and rheumatology, and includes a number of special symposia and keynote lectures on important topics in medicine.

Our outstanding senior faculty, from one of the premier medical institutions in our country, will cover these topics through innovative lectures, symposia, live demonstrations, ask-the-experts sessions and case-based "challenges" using the Audience Response System to anonymously test your knowledge in the different areas of medicine and compare it with that of your peers.

Whether you are preparing for certification or recertification in internal medicine or planning to attend to improve your knowledge, we are certain you will find this course most informative and inspiring and you will come away with new skills and knowledge that will help your patients lead healthier and happier lives.

We look forward to seeing you in December!

With best wishes,



Sanjiv Chopra, MD, MACP
Professor of Medicine
Harvard Medical School
Editor-in-Chief, Hepatology Section
UpToDate



Martin J. Abrahamson, MD, FACP
Associate Professor of Medicine
Harvard Medical School
Co-Director, Division of Continuing Education
Beth Israel Deaconess Medical Center



Mark L. Zeidel, MD
Herrman Ludwig Blumgart Professor of Medicine
Harvard Medical School
Chair, Department of Medicine
Beth Israel Deaconess Medical Center

Harvard Medical School Course Directors

Martin J. Abrahamson, MD, FACP
Sanjiv Chopra, MD, MACP
Mark L. Zeidel, MD

Guest Faculty

Ron L. Alterman, MD
Louis R. Caplan, MD
Joseph DeAngelis, MD
Frank J. Domino, MD
Robert E. Graham, MD, MPH, FACP
Patricia E. Greenstein, MD
Marissa Heller, MD
Daniel B. Jones, MD, MS, FACS
Mark C. Kuperwaser, MD
Melvyn A. J. Menezes, PhD, MBA
Ralph Metson, MD
Kerry L. O'Brien, MD
Daniel Press, MD
Arun J. Ramappa, MD
John R. Sharp, MD, FAPA, FAPM
Alexandra M. Stillman, MD
Ajith J. Thomas, MD

Harvard Medical School/Beth Israel Deaconess Department of Medicine Faculty

Asha Anandaiah, MD
Fadi Badlissi, MD, MSc
Kenneth A. Bauer, MD
Richard S. Beaser, MD
Mark D. Benson, MD
Suzie M. Bertisch, MD, MPH
Alan Bonder, MD
Robert S. Brown, MD
Brett J. Carroll, MD
James D. Chang, MD
Adam S. Cheifetz, MD
Marc L. Cohen, MD
Steven E. Come, MD
Michael P. Curry, MD
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Reed E. Drews, MD, FACP
Jody Dushay, MD, MMSc
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B. Lachlan Forrow, MD
Marc B. Garnick, MD
Eli V. Gelfand, MD, FACC
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Margaret M. Hayes, MD
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Anthony Lembo, MD
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Ruvandhi Nathavitharana, MD, MPH
Vilas R. Patwardhan, MD
Edward M. Phillips, MD
Duane S. Pinto, MD, MPH
Harold N. Rosen, MD
Lowell E. Schnipper, MD
Richard M. Schwartzstein, MD
Robert H. Shmerling, MD
Mala S. Sivanandy, MD
Gerald W. Smetana, MD, MACP
Robert C. Stanton, MD
Nadine M. Tung, MD
Peter J. Zimetbaum, MD

COMPREHENSIVE REVIEW OF INTERNAL MEDICINE

This course offers new and returning attendees the opportunity to stay current with annual advances across every major area of general medicine. Designed by and for clinicians, the curriculum focuses on state-of-the-art approaches to the challenges you face and the best ways to apply these approaches to your practice.

HIGHEST-RATED CME

THIS PROGRAM IS AMONG THE HIGHEST-RATED HARVARD MEDICAL SCHOOL CME COURSES.

WHY YOU SHOULD ATTEND

Internists, medical specialists, physicians, PAs and NPs from around the world attend this intensive course for updates, advances and best practices to optimize screening, diagnosis and management of patient care in all areas of medicine, including:

- Cardiology
- Common orthopedic conditions
- Endocrinology
- ENT and ophthalmology
- Gastroenterology
- Hematology
- Hepatology
- Infectious diseases
- Leadership in medicine
- Medical and surgical management of obesity
- Nephrology
- Neurology
- Oncology
- Opiates for chronic pain
- Pulmonary diseases
- Psychiatry
- Rheumatology
- Sleep deprivation

ENGAGING SESSIONS WITH PROMINENT EXPERTS

Our outstanding faculty, recognized as experts in the field, will teach you how to incorporate the latest tests and tools into your practice. We will discuss challenging cases and treatments and give you ample opportunity to ask questions of and interact with leading experts. Course material will be presented in a distraction-free environment through formats that include:

- Innovative lectures
- Valuable case-based sessions
- Live demonstrations
- Question-and-answer panels
- Interactive discussions

WHO SHOULD ATTEND?

Clinicians seeking a useful and comprehensive review that ensures they are up to date across all major fields in medicine. This includes:

- Internists
- Family medicine physicians
- Medical specialists
- PAs
- Nurse practitioners
- Physicians preparing for the recertification examination or internal medicine boards
- Other medical professionals interested in refreshing their knowledge

LEARNING OBJECTIVES

1. Integrate new knowledge and research findings into the evaluation and treatment of common and uncommon medical disorders.
2. Apply up-to-date screening recommendations for breast, ovarian, lung, colon and prostate cancer.
3. Treat patients with or at risk for diabetes.
4. Interpret liver function tests and understand advances made in the treatment of infectious hepatitis.
5. Develop strategies to prevent and/or treat atherosclerotic cardiovascular disease.
6. Provide state-of-the-art care to patients with a wide range of disorders commonly seen in the primary care provider's practice.
7. Identify strategies to optimize the impact of lifestyle interventions in the treatment of obesity.
8. Inform and inspire colleagues to prevent burnout and lead in effective ways.

REGISTER NOW [UpdateInternalMedicine.com](https://www.updateinternalmedicine.com)

REGISTRATION INFORMATION

REGISTRATION FEES

Update in Internal Medicine	Register on/before Sept. 27 (SAVE \$100)	Register after Sept. 27
Physicians and Allied Health Professionals	\$1750	\$1850
Residents and Fellows in Training	\$1295	\$1395

Fees shown in USD. Your tuition includes daily continental breakfast, coffee and refreshment breaks as well as complimentary Internet access.

All attendees will receive an electronic version of the course materials. You can purchase a printed copy of these materials at the time of registration for \$100, or on-site at the course for \$125.

GENERAL INFORMATION

REGISTRATION, PAYMENT, CONFIRMATION AND REFUND POLICY

You may register by credit card (Visa, MasterCard or American Express) or check using Harvard Medical School's secure online registration system. A processing fee of \$10 (USD) will be assessed per transaction. 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 before the start of the course. Refund requests must be received by email. No refunds will be issued should cancellation occur less than two weeks before. "No shows" are subject to the full course fee, and no refunds will be issued once the conference has started.

ACCREDITATION

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 54.00 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ABIM MAINTENANCE OF CERTIFICATION

Successful completion of this CME activity enables the participant to earn up to 54.00 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.

AAFP ACCREDITATION

This live activity, Update in Internal Medicine 2019, with a beginning date of 12/08/2019, has been reviewed and is acceptable for up to 53.75 Prescribed Credits by the American Academy of Family Physicians. 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 Credits™* issued by organizations accredited by the Accreditation Council for Continuing Medical Education (ACCME). We would also suggest that learners check with their state licensing board to ensure they accept reciprocity with *AMA PRA Category 1 Credits™* for relicensure.

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 Credits™* for relicensure.

RISK MANAGEMENT

This activity meets the criteria of the Massachusetts Board of Registration in Medicine for 10.25 credits of Risk Management Study. This includes 1 Credit of Opioid Education and Pain Management Training. Please check with your individual state licensing board requirements before claiming Risk Management Credits.

EUROPEAN ACCREDITATION

Through an agreement between the American Medical Association and the **European Union of Medical Specialists**, physicians may convert *AMA PRA Category 1 Credits™* 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.

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.

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COURSE SCHEDULE

SUNDAY, DEC. 8, 2019



COURSE LOCATION

All sessions for this activity will be held at:
The Westin Copley Place
10 Huntington Avenue
Boston, MA 02116
Tel: 617-262-9600

ACCOMMODATIONS AND TRAVEL

A limited number of rooms have been reserved until Nov. 12 at the Westin Copley Place. Please call 617-262-9600 and specify that you are attending the HMS Update in Internal Medicine course to take advantage of the reduced group rate of \$279 single/double. Early reservations are encouraged. You can also make your reservation online at updateinternalmedicine.com/venue. Please do not purchase nonrefundable airline ticket(s) until you have received an email from the HMS office confirming your paid registration.

INQUIRIES

By phone at 617-384-8600, Monday-Friday, 9 AM to 5 PM (EST), or by email at ceprograms@hms.harvard.edu.

“What an inspiring, motivating and stimulating course. It rejuvenated my interest in practicing medicine.”

“Superb and renowned faculty with encyclopedic knowledge and a flair for teaching.”

DISCLAIMER

CME activities accredited by Harvard Medical School are offered solely for educational purposes and do not constitute any form of certification of competency. Practitioners should always consult additional sources of information and exercise their best professional judgment before making clinical decisions of any kind.

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

7:00AM – 8:00AM

Registration and Continental Breakfast

8:00AM – 8:10AM

Introduction and Welcome

ONCOLOGY

8:10AM – 9:00AM

Assessment and Management of Breast and Ovarian Cancer Risk: An Update*

Nadine M. Tung, MD

9:00AM – 9:40AM

Prostate Cancer: An Update

Marc B. Garnick, MD

9:40AM – 10:05AM

How We Think About and Manage Breast Cancer in 2019*

Steven E. Come, MD

10:05AM – 10:25AM

Refreshment Break and Stretch

10:25AM – 11:05AM

Update on Lung and Colorectal Cancer

Steven E. Come, MD

11:05AM – 11:45AM

Cancer: Progress One Patient at a Time*

Lowell E. Schnipper, MD

11:45AM – 12:00PM

Oncology Q&A

Lowell E. Schnipper, MD

12:00PM – 12:45PM

Oncology: Challenging Cases with Your Participation

Lowell E. Schnipper, MD

12:45PM – 1:45PM

*Lunch Break***

1:45PM – 2:30PM

KEYNOTE LECTURE

Microbiome (The Second Human Genome): What Shapes It and How It Shapes Us

Sanjiv Chopra, MD, MACP

RHEUMATOLOGY

2:30PM – 3:05PM

Gout: The King of Diseases

Fadi Badlissi, MD, MSc

3:05PM – 3:15PM

Rejuvenation Exercises

3:15PM – 3:35PM

Refreshment Break and Stretch

3:35PM – 4:10PM

Diagnostic Tests in Rheumatic Disease: What's Old, What's New and What's Useful

Robert H. Shmerling, MD

4:10PM – 4:45PM

Rheumatoid Arthritis

Lisa M. Fitzgerald, MD

4:45PM – 5:00PM

Rheumatology Q&A

Robert H. Shmerling, MD

5:00PM – 5:45PM

Rheumatology: Challenging Cases with Your Participation

Robert H. Shmerling, MD

6:30AM – 7:00AM

Continental Breakfast

ENDOCRINOLOGY

7:00AM – 7:40AM

Osteoporosis Management in the Era of Limited Resources

Harold N. Rosen, MD

7:40AM – 8:30AM

Treatment of Type 2 Diabetes 2019: Advances, Challenges and Opportunities

Martin J. Abrahamson, MD, FACP

8:30AM – 9:20AM

Advancing to Insulin Replacement Therapy: When, Why and How

Richard S. Beaser, MD

9:20AM – 9:40AM

Refreshment Break and Stretch

9:40AM – 10:20AM

Problems in Thyroid Disease

James V. Hennessey, MD

10:20AM – 11:00AM

PCOS: Evaluation and Treatment

Mala S. Sivanandy, MD

11:00AM – 11:15AM

Endocrinology Q&A

Martin J. Abrahamson, MD, FACP

11:15AM – 12:00PM

Endocrinology: Challenging Cases with Your Participation

Martin J. Abrahamson, MD, FACP

SPECIAL LECTURE

12:00PM – 12:40PM

Sleep Deprivation: Dire Consequences

Suzie M. Bertisch, MD, MPH

12:40PM – 1:45PM

*Lunch Break***

GASTROENTEROLOGY AND HEPATOLOGY

1:45PM – 2:30PM

Laboratory Tests and Diagnostic Procedures in Liver Disease: Adventures in Liverland

Sanjiv Chopra, MD, MACP

2:30PM – 3:15PM

Inflammatory Bowel Disease: What Every Clinician Should Know

Adam S. Cheifetz, MD

3:15PM – 3:25PM

Rejuvenation Exercises

3:25PM – 4:05PM

Irritable Bowel Syndrome

Anthony Lembo, MD

4:05PM – 4:25PM

Refreshment Break and Stretch

4:25PM – 5:10PM

Celiac Sprue: Protean Manifestations

Ciarán P. Kelly, MD

5:10PM – 5:15PM

Gastroenterology and Hepatology Q&A

Sanjiv Chopra, MD, MACP

5:15PM – 6:00PM

Gastroenterology and Hepatology: Challenging Cases with Your Participation

Sanjiv Chopra, MD, MACP

6:30AM – 7:00AM

Continental Breakfast



SPECIAL SYMPOSIUM: MEDICAL AND SURGICAL MANAGEMENT OF OBESITY: WHAT THE PCP NEEDS TO KNOW

7:00AM – 7:45AM

Exercise Prescription: Promoting Physical Activity in You and Your Patients*

Edward M. Phillips, MD

7:45AM – 8:30AM

Motivational Interviewing: A Proven Approach for Weight Loss

Frank J. Domino, MD

8:30AM – 9:05AM

Medical Management of Obesity: What the PCP Needs to Know*

Jody Dushay, MD, MMSc

9:05AM – 9:40AM

Surgical Treatment of Obesity

Daniel B. Jones, MD, MS, FACS

9:40AM – 10:00AM

Refreshment Break and Stretch

ASK-THE-EXPERTS SESSION

10:00AM – 11:15AM

Ask the Experts: Neurology

Patricia E. Greenstein, MD

Daniel Press, MD

Louis R. Caplan, MD

SPECIAL SYMPOSIUM: HEPATOLOGY

11:15AM – 11:50AM

Complications of Cirrhosis*

Alan Bonder, MD

11:50AM – 12:35PM

Chronic Hepatitis C: Who Remains at Risk and How Best Should We Identify and Treat Them?

Michael P. Curry, MD

12:35PM – 1:35PM

*Lunch Break***

1:35PM – 2:15PM

Hepatitis B: Recent Advances

Vilas R. Patwardhan, MD

2:15PM – 3:00PM

Nonalcoholic Steatohepatitis: Assessing Severity and Optimizing Management

Sanjiv Chopra, MD, MACP

3:00PM – 3:10PM

Rejuvenation Exercises

INFECTIOUS DISEASES

3:10PM – 3:40PM

Tuberculosis 2019: What's New
Ruvandhi Nathavitharana, MD, MPH

3:40PM – 4:00PM

Refreshment Break and Stretch

4:00PM – 4:30PM

New Looks at Classic Infectious Diseases

Adolf W. Karchmer, MD

4:30PM – 5:15PM

Vaccine Update 2019

Raphael Dolin, MD

5:15PM – 5:30PM

Infectious Diseases Q&A

Adolf W. Karchmer, MD

5:30PM – 6:15PM

Infectious Diseases: Challenging Cases with Your Participation

Adolf W. Karchmer, MD

WEDNESDAY, DEC. 11, 2019

6:30AM – 7:00AM

Morning Yoga

6:30AM – 7:00AM

Continental Breakfast

ORTHOPEDICS MINI-SYMPOSIUM: A PRIMER FOR THE PCP – LIVE PATIENT DEMONSTRATION

7:00AM – 7:40AM

The Evaluation and Management of Common Disorders of the Shoulder

Arun J. Ramappa, MD

7:40AM – 8:20AM

The Evaluation and Management of Common Disorders of the Knee

Joseph DeAngelis, MD

ASK-THE-EXPERTS SESSION

8:20AM – 9:25AM

Ask the Experts: ENT/Ophthalmology

Ralph Metson, MD

Mark C. Kuperwaser, MD

SPECIAL SYMPOSIUM: LEADERSHIP

9:25AM – 10:05AM

Quality and Safety: Raising the Bar

Mark L. Zeidel, MD

10:05AM – 10:25AM

Refreshment Break and Stretch

10:25AM – 11:05AM

The Art and Science of Strategic Thinking

Melvyn A.J. Menezes, PhD, MBA

11:05AM – 11:45AM

Ethics, Skills and Professional Satisfaction*

B. Lachlan Forrow, MD

11:45AM – 12:25PM

Patients as Teachers*

Martin J. Abrahamson, MD, FACP

12:25AM – 1:10PM

Exemplary Leadership: Lessons From History and Contemporary Times

Sanjiv Chopra, MD, MACP

THURSDAY, DEC. 12, 2019

6:30AM – 7:00AM

Continental Breakfast

CARDIOLOGY – PART I

7:00AM – 7:40AM

Syncope

Peter J. Zimetbaum, MD

7:40AM – 8:20AM

Atrial Fibrillation

Peter J. Zimetbaum, MD

NEUROLOGY

8:20AM – 9:00AM

Concussion Diagnosis and Management*

Alexandra M. Stillman, MD

9:00AM – 9:40AM

Update on Treating Headaches

Gerald W. Smetana, MD, MACP

9:40AM – 10:00AM

Refreshment Break and Stretch

CARDIOLOGY – PART II

10:00AM – 10:40AM

Hypertension 2019: Recent Evidence That Will Change Your Practice

Gerald W. Smetana, MD, MACP

10:40AM – 11:20AM

Valvular Heart Disease

Eli V. Gelfand, MD, FACC

11:20AM – 11:55AM

The Current Cholesterol Guidelines and Treating Residual Risk*

Mark D. Benson, MD

11:55AM – 12:35PM

Managing Arterial Disease: A Tour for the PCP

Brett J. Carroll, MD

12:35PM – 1:35PM

*Lunch Break***

1:35PM – 2:20PM

Acute Coronary Syndromes

Duane S. Pinto, MD, MPH

2:20PM – 2:50PM

Interventional Cardiology:

What the PCP Needs to Know

Duane S. Pinto, MD, MPH

2:50PM – 3:00PM

Rejuvenation Exercises

3:00PM – 3:20PM

Refreshment Break and Stretch

3:20PM – 4:00PM

Congestive Heart Failure

James D. Chang, MD

4:00PM – 4:15PM

Cardiology Q&A

Joseph P. Kannam, MD

4:15PM – 5:00PM

Cardiology: Challenging Cases with Your Participation

Joseph P. Kannam, MD

FRIDAY, DEC. 13, 2019

6:30AM – 7:00AM

Continental Breakfast

HEMATOLOGY

7:00AM – 7:55AM

Diagnosis and Management of Hypercoagulability and New Anticoagulants: Interpreting the Data

Kenneth A. Bauer, MD

7:55AM – 8:35AM

Don't Miss Causes of Anemia*

Reed E. Drews, MD, FACP

8:35AM – 8:50AM

Hematology Q&A

Reed E. Drews, MD, FACP

8:50AM – 9:35AM

Hematology: Challenging Cases with Your Participation

Reed E. Drews, MD, FACP

9:35AM – 9:55AM

Refreshment Break and Stretch

NEPHROLOGY

9:55AM – 10:35AM

Acute Renal Failure

Mark L. Zeidel, MD

10:35AM – 11:20AM

Approach to the Patient with Proteinuria and Hematuria

Melanie P. Hoenig, MD

11:20AM – 12:00PM

Prevention and Treatment of Chronic Kidney Disease: Early Diagnosis and Aggressive Treatment

Robert C. Stanton, MD

12:00PM – 1:00PM

*Lunch Break***

1:00PM – 1:15PM

Nephrology Q&A

Robert S. Brown, MD

1:15PM – 2:00PM

Nephrology: Challenging Cases with Your Participation

Robert S. Brown, MD

2:00PM – 2:10PM

Rejuvenation Exercises

PULMONARY DISEASES

2:10PM – 2:45PM

Controversies in VTE: A Tale of Four Patients

Margaret M. Hayes, MD

2:45PM – 3:05PM

Refreshment Break and Stretch

3:05PM – 3:45PM

Fresh Air: What's New with Asthma in 2019

Asha Anandaiah, MD

3:45PM – 4:25PM

Understanding COPD: Going Beyond the Wheeze

Richard M. Schwartzstein, MD

4:25PM – 5:05PM

From Copycats to Birds of a Feather: Decoding Interstitial Lung Disease

Robert Hallowell, MD

5:05PM – 5:20PM

Pulmonary Diseases Q&A

Richard M. Schwartzstein, MD

5:20PM – 6:05PM

Pulmonary Diseases: Challenging Cases with Your Participation

Richard M. Schwartzstein, MD

SATURDAY, DEC. 14, 2019

7:00AM – 7:30AM

Continental Breakfast

MISCELLANEOUS

7:30AM – 8:00AM

Transfusion Medicine

Kerry L. O'Brien, MD

8:00AM – 9:00AM

Opiates for Chronic Pain: An Approach to Decision-Making, Risk Management and Monitoring*

Marc L. Cohen, MD

Julia H. Lindenberg, MD

9:00AM – 9:40AM

Cutaneous Malignancies: A Primer

Marissa Heller, MD

9:40AM – 10:00AM

Refreshment Break and Stretch

10:00AM – 10:45PM

KEYNOTE LECTURE

A Doctor Becomes a Chef: Would Hippocrates Approve?

Robert E. Graham, MD, MPH, FACP

10:45AM – 11:25AM

Technological Advances in Neurosurgery

Ron L. Alterman, MD

Ajith J. Thomas, MD

11:25AM – 12:05PM

Practical Everyday Psychiatry

John R. Sharp, MD, FAPA, FAPM

* Qualifies for Risk Management Credits

**There are many convenient and varied lunch options just steps away from the course location.



HARVARD MEDICAL SCHOOL

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ANNUAL UPDATE IN INTERNAL MEDICINE

Updates, advances and best practices to optimize screening, diagnosis and management of patient care in all areas of medicine, including:

- Cancer screening and treatment
- Diabetes and obesity
- Hepatitis
- Gastroenterology
- Thyroid disease
- Osteoporosis
- Cardiology
- Rheumatologic disorders
- Pulmonary diseases
- Infectious diseases, including choosing the right antimicrobials
- Common orthopedic disorders
- Motivational skills for the internist
- Leadership in medicine

DEC. 8-14
2019
BOSTON, MA



SAVE \$100
Register by
Sept. 27

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