



**Harvard Medical School**  
Department of Continuing Education  
P.O. Box 825  
Boston, MA 02117-0825

Non Profit Org.  
U.S. Postage  
**PAID**  
Holliston, MA  
Permit No. 72

# ANNUAL UPDATE IN INTERNAL MEDICINE

Up-to-date, comprehensive education for physicians delivered by the best teachers and world experts on the most important topics in internal medicine, including:

- Cancer screening and treatment
- Diabetes and obesity
- Hepatitis
- Gastroenterology
- Thyroid disease
- Osteoporosis
- Cardiology
- Rheumatologic disorders
- Pulmonary disease
- Infectious diseases, including new and emerging infections
- Common orthopedic disorders
- Motivational skills for the internist

DEC. 3-9  
**2017**  
BOSTON, MA



Register at [www.UpdateInternalMedicine.com](http://www.UpdateInternalMedicine.com)

**SAVE \$100**  
Register by  
Oct. 6, 2017



**HARVARD**  
MEDICAL SCHOOL



**Beth Israel Deaconess  
Medical Center**

**FEATURING EIGHT KEYNOTE LECTURES TO INFORM AND INSPIRE YOU**



## **ANNUAL UPDATE IN INTERNAL MEDICINE | 2017**

**DEC. 3-9, 2017 | THE WESTIN COPLEY PLACE | BOSTON, MA**

**EARN UP TO: 55 AMA PRA Category 1 Credits™ | 55 ECMEC®s**

**8.50 Risk Management Credits, including 1 Credit in Opioid Education and Pain Management Training  
and .75 Credits in End-of-Life Care | 55 AOA Category 2-A Credits**

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

**Under the leadership of:**

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

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

- Oncology
- Rheumatology
- Gastroenterology
- Hepatology
- Endocrinology
- Infectious diseases
- Neurology
- Cardiology
- Hematology
- Nephrology
- Orthopedics
- Pulmonary diseases
- General internal medicine

**REGISTER AT [www.UpdateInternalMedicine.com](http://www.UpdateInternalMedicine.com)**

# WHY YOU SHOULD ATTEND

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.

## Who Attends

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

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

## You Will Take Home

- Improved understanding of common medical conditions
- Checklists, key “take-home points” and other recommendations to optimize management of many common disorders
- Tools and resources to share with and motivate your patients

## Upon completion of this activity, you will be able to:

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 cancers.
3. Develop strategies to prevent and/or treat atherosclerotic cardiovascular disease.
4. Provide state-of-the-art care to patients with a wide range of disorders commonly seen in the primary care provider’s practice.
5. Determine an appropriate approach to assessing patient-specific risks and benefits of opiates for chronic pain.

Dear Colleague,

Today 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 so that he/she can maintain state-of-the-art care for patients. We therefore invite you to attend our annual Update in Internal Medicine, which is designed to provide you with comprehensive, up-to-date, evidence-based advances in our understanding and treatment of the most common disorders that you will encounter in everyday practice.

Our course will cover all the major subspecialties, including cardiology, endocrinology, hepatology, gastroenterology, hematology, oncology, infectious diseases, nephrology, rheumatology and pulmonary diseases, and include a number of keynote lectures on important miscellaneous topics.

Our best teachers and clinicians will cover these topics through lectures, symposia, workshops, ask-the-experts sessions and case-based “challenges” using a computerized audience-response system that enables you to anonymously test your knowledge.

Our comprehensive syllabus will include a plethora of images, checklists and additional tools that will enhance your knowledge and provide you with additional skills to improve your practice.

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  
James Tullis Firm Chief, Department of Medicine  
Co-Director, Division of Continuing Education  
Beth Israel Deaconess Medical Center



**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

# FACULTY

## Harvard Medical School Course Directors

**Sanjiv Chopra, MD, MACP**  
Professor of Medicine

**Martin J. Abrahamson, MD, FACP**  
Associate Professor of Medicine

**Mark L. Zeidel, MD**  
Herrman Ludwig Blumgart Professor of Medicine

## Guest Faculty

**Louis R. Caplan, MD**  
Professor of Neurology  
Harvard Medical School

**Deepak Chopra, MD**  
Co-Founder and Chairman  
The Chopra Center for Wellbeing

**Frank Domino, MD**  
Professor  
University of Massachusetts  
Medical School

**Patricia E. Greenstein, MD**  
Assistant Professor of Neurology  
Harvard Medical School

**Marissa Heller, MD**  
Instructor in Dermatology  
Harvard Medical School

**Daniel B. Jones, MD, MS, FACS**  
Professor of Surgery  
Harvard Medical School

**Jonathan B. Kruskal, MD, PhD**  
Professor of Radiology  
Harvard Medical School

**Mark C. Kuperwaser, MD**  
Assistant Professor of Ophthalmology  
Harvard Medical School

**Ralph Metson, MD**  
Professor of Otolaryngology  
Harvard Medical School

**Edward M. Phillips, MD**  
Assistant Professor of Physical  
Medicine and Rehabilitation  
Harvard Medical School

**Daniel Press, MD**  
Associate Professor of Neurology  
Harvard Medical School

**Arun J. Ramappa, MD**  
Assistant Professor of  
Orthopedic Surgery  
Harvard Medical School

**John R. Sharp, MD, FAPA, FAPM**  
Lecturer on Psychiatry  
Harvard Medical School

**Rudolph E. Tanzi, PhD**  
Joseph P. and Rose Kennedy  
Professor of Neurology  
Harvard Medical School

## Harvard Medical School/ Beth Israel Deaconess Department of Medicine Faculty

**Asha Anandaiah, MD**  
Instructor in Medicine

**Fadi Badlissi, MD, MSC**  
Assistant Professor of Medicine

**Kenneth A. Bauer, MD**  
Professor of Medicine

**Richard S. Beaser, MD**  
Associate Professor of Medicine

**Alan Bonder, MD**  
Assistant Professor of Medicine

**Robert S. Brown, MD**  
Associate Professor of Medicine

**James D. Chang, MD**  
Assistant Professor of Medicine

**Adam S. Cheifetz, MD**  
Associate Professor of Medicine

**Marc L. Cohen, MD**  
Instructor in Medicine

**Steven E. Come, MD**  
Associate Professor of Medicine

**Michael P. Curry, MD**  
Associate Professor of Medicine

**Raphael Dolin, MD**  
Maxwell Finland Professor of  
Medicine (Microbiology and  
Molecular Genetics)

**Reed E. Drews, MD, FACP**  
Associate Professor of Medicine

**Jody Dushay, MD, MMSc**  
Assistant Professor of Medicine

**Loryn S. Feinberg, MD, FACC**  
Instructor in Medicine

**Lisa M. Fitzgerald, MD**  
Assistant Professor of Medicine

**Lachlan Forrow, MD**  
Associate Professor of Medicine

**Marc B. Garnick, MD**  
Gorman Brothers Clinical Professor  
of Medicine

**Eli V. Gelfand, MD, FACC**  
Assistant Professor of Medicine

**Robert Hallowell, MD**  
Instructor in Medicine

**Margaret M. Hayes, MD**  
Instructor in Medicine

**James J. Heffernan, MD, MPH**  
Associate Professor of Medicine

**Melanie P. Hoenig, MD**  
Associate Professor of Medicine

**Anthony N. Hollenberg, MD**  
Professor of Medicine

**Joseph P. Kannam, MD**  
Assistant Professor of Medicine

**Adolf W. Karchmer, MD**  
Professor of Medicine

**Ciarán P. Kelly, MD**  
Professor of Medicine

**Anthony Lembo, MD**  
Associate Professor of Medicine

**Julia H. Lindenberg, MD**  
Instructor in Medicine

**Warren J. Manning, MD**  
Professor of Medicine and Radiology

**Peter Oettgen, MD**  
Associate Professor of Medicine

**Vilas R. Patwardhan, MD**  
Assistant Professor of Medicine

**Duane S. Pinto, MD, MPH**  
Associate Professor of Medicine

**Melanie S. Pogach, MD, MMSc**  
Instructor in Medicine

**Jeffrey J. Popma, MD**  
Professor of Medicine

**Harold N. Rosen, MD**  
Associate Professor of Medicine

**Lowell E. Schnipper, MD**  
Theodore W. and Evelyn G.  
Berenson Professor of Medicine

**Richard M. Schwartzstein, MD**  
Ellen and Melvin Gordon Professor of  
Medicine

**Robert H. Shmerling, MD**  
Associate Professor of Medicine  
Harvard Medical School

**C. Christopher Smith, MD**  
Associate Professor of Medicine

**Robert C. Stanton, MD**  
Associate Professor of Medicine

**Wendy Stead, MD**  
Assistant Professor of Medicine

**Vikas P. Sukhatme, MD, ScD**  
Victor J. Aresty Professor of Medicine

**Nadine M. Tung, MD**  
Associate Professor of Medicine

**Peter J. Zimetbaum, MD**  
Associate Professor of Medicine

*"Superb and renowned faculty  
with encyclopedic knowledge  
and a flair for teaching."*

# GENERAL INFORMATION

## REGISTRATION FEES

Update in Internal Medicine	Register on/before Oct. 6, 2017	Register after Oct. 6, 2017
Physicians and Allied Health Professionals	\$1695	\$1795
Residents and Fellows in Training	\$1295	\$1395

Fees shown in USD. Your tuition includes all breakfasts, coffee and snack breaks and 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.

## REGISTRATION INFORMATION

### 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 at [www.UpdateInternalMedicine.com](http://www.UpdateInternalMedicine.com). A processing fee of \$5 (USD) will be assessed per transaction. Upon receipt of your paid registration, an email confirmation from the HMS-DCE 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 \$150, will be issued for all cancellations received two weeks before the start of the course. Refund requests must be received by postal mail, email or fax. 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.

### ACCOMMODATIONS AND TRAVEL

A limited number of rooms have been reserved 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 \$273 single/double. This rate is available on a first-come, first-serve basis until Nov. 10, 2017. You can also make your reservation online now. Please do not purchase nonrefundable airline ticket(s) until you have received an email from our 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](mailto:ceprograms@hms.harvard.edu).

### ACCREDITATION

The 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 55 *AMA PRA Category 1 Credits*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### 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 Credits*<sup>™</sup> to an equivalent number of European CME Credits<sup>®</sup> (ECMEC<sup>®</sup>s). Information on the process of converting *AMA PRA Category 1 Credits*<sup>™</sup> to ECMEC<sup>®</sup>s can be found at: [www.eaccme.eu](http://www.eaccme.eu).



### 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



# COURSE SCHEDULE

SUNDAY, DEC. 3, 2017

## RISK MANAGEMENT

This activity meets the criteria of the Massachusetts Board of Registration in Medicine for 8.50 credits of Risk Management Study. This includes 1.0 credit of Opioid Education and Pain Management Training and .75 credits in End-of-Life Care Studies. Please check with your individual state licensing board requirements before claiming Risk Management Credits.

## AAFP ACCREDITATION

Application for CME credit has been filed with the American Academy of Family Physicians. Determination of credit is pending.

## ACGME COMPETENCIES

This course is designed to meet the following American Board of Medical Specialties and Accreditation Council of Graduate Medical Education competencies: patient care and procedural skills, medical knowledge and practice-based learning and improvement.

## IOM COMPETENCIES

This course is designed to meet the following Institute of Medicine competencies: provide patient-centered care, work in interdisciplinary teams and apply quality improvements.

## DISCLOSURE POLICY

Harvard Medical School (HMS) adheres to all ACCME Essential Areas, Standards, and Policies. It is HMS's policy that those who have influenced the content of a CME activity (e.g., planners, faculty, authors, reviewers and others) disclose all relevant financial relationships with commercial entities so that HMS may identify and resolve any conflicts of interest prior to the activity. These disclosures will be provided in the activity materials along with disclosure of any commercial support received for the activity. Additionally, faculty members have been instructed to disclose any limitations of data and unlabeled or investigational uses of products during their presentations.

## DISCLAIMER

CME activities sponsored 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.

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

**7:00AM – 8:00AM**

Registration and Continental Breakfast

**8:00AM – 8:15AM**

Introduction and Welcome

## ONCOLOGY – PART I

**8:15AM – 9:10AM**

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

Nadine M. Tung, MD

**9:10AM – 9:50AM**

**Prostate Cancer: An Update**

Marc B. Garnick, MD

**9:50AM – 10:15AM**

**How We Think About and Manage Breast Cancer in 2017\***

Steven E. Come, MD

## KEYNOTE LECTURE

**10:15AM – 10:55AM**

**Reverence for Life at the End of Life\***

Lachlan Forrow, MD

**10:55AM – 11:15AM**

Refreshment Break

## ONCOLOGY – PART II

**11:15AM – 11:55AM**

**Update on Lung and Colorectal Cancer**

Steven E. Come, MD

**11:55AM – 12:35PM**

**Cancer: Progress One Patient at a Time\***

Lowell E. Schnipper, MD

**12:35PM – 1:35PM**

Lunch Break (on your own)

**1:35PM – 1:50PM**

**Oncology Q&A**

Lowell E. Schnipper, MD

**1:50PM – 2:30PM**

**Oncology: Challenging Cases with Your Participation**

Lowell E. Schnipper, MD

## 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

**3:35PM – 4:10PM**

**Rheumatoid Arthritis**

Lisa M. Fitzgerald, MD

**4:10PM – 4:45PM**

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

Robert H. Shmerling, 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

## MONDAY, DEC. 4, 2017

**6:30AM – 7:00AM**  
Continental Breakfast

### ENDOCRINOLOGY – PART I

**7:00AM – 7:45AM**  
**Treatment of Type 2 Diabetes 2017: Advances, Challenges and Opportunities**

Martin J. Abrahamson, MD, FACP

**7:45AM – 8:30AM**  
**Advancing to Insulin Replacement Therapy: When, Why and How**

Richard S. Beaser, MD

**8:30AM – 9:10AM**  
**Osteoporosis Management in the Era of Limited Resources**

Harold N. Rosen, MD

**9:10AM – 9:30AM**  
*Refreshment Break*

### KEYNOTE LECTURE

**9:30AM – 11:00AM**  
**Healthy Brain, Healthy Mind, Healthy Universe**

Deepak Chopra, MD  
Rudolph E. Tanzi, PhD

### ENDOCRINOLOGY – PART II

**11:00AM – 11:45AM**  
**Problems in Thyroid Disease**

Anthony N. Hollenberg, MD

**11:45AM – 12:00PM**  
**Endocrinology Q&A**

Martin J. Abrahamson, MD, FACP

**12:00PM – 12:45PM**  
**Endocrinology: Challenging Cases with Your Participation**

Martin J. Abrahamson, MD, FACP

**12:45PM – 1:45PM**  
**Lunch Break (on your own)**

### GASTROENTEROLOGY AND HEPATOLOGY

**1:45PM – 2:25PM**  
**Irritable Bowel Syndrome**

Anthony Lembo, MD

**2:25PM – 3:10PM**  
**Inflammatory Bowel Disease: What Every Clinician Needs to Know**

Adam S. Cheifetz, MD

**3:10PM – 3:20PM**  
**Rejuvenation Exercises**

**3:20PM – 3:40PM**  
*Refreshment Break*

**3:40PM – 4:25PM**  
**Laboratory Tests and Diagnostic Procedures in Liver Disease: Adventures in Liverland**

Sanjiv Chopra, MD, MACP

**4:25PM – 5:10PM**  
**Celiac Sprue: Protean Manifestations**

Ciarán P. Kelly, MD

**5:10PM – 5:25PM**  
**Gastroenterology and Hepatology Q&A**

Ciarán P. Kelly, MD  
Sanjiv Chopra, MD, MACP

**5:25PM – 6:10PM**  
**Gastroenterology and Hepatology: Challenging Cases with Your Participation**

Sanjiv Chopra, MD, MACP

## TUESDAY, DEC. 5, 2017

**6:30AM – 7:00AM**  
Continental Breakfast

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

**7:00AM – 7:40AM**  
**Motivational Interviewing: A Proven Approach for Weight Loss**

Frank Domino, MD

**7:40AM – 8:15AM**  
**Medical Management of Obesity: What the PCP Needs to Know\***

Jody Dushay, MD, MMSc

**8:15AM – 8:50AM**  
**Exercise Prescription: Promoting Physical Activity in You and Your Patients\***

Edward M. Phillips, MD

**8:50AM – 9:25AM**  
**Surgical Treatment of Obesity**

Daniel B. Jones, MD, MS, FACS

**9:25AM – 9:45AM**  
**Panel Discussion**

Frank Domino, MD  
Jody Dushay, MD, MMSc  
Edward M. Phillips, MD  
Daniel B. Jones, MD, MS, FACS

### KEYNOTE LECTURE

**9:45AM – 10:30AM**  
**Screening for Diabetes: Is It Ready for Primetime?\***

Martin J. Abrahamson, MD

**10:30AM – 10:50AM**  
*Refreshment Break*

**SPECIAL SYMPOSIUM: HEPATOLOGY**

**10:50AM – 11:35AM**  
**Nonalcoholic Fatty Liver Disease: A Burgeoning Epidemic**

Sanjiv Chopra, MD, MACP

**11:35AM – 12:10PM**  
**Complications of Cirrhosis\***

Alan Bonder, MD

**12:10PM – 1:10PM**  
**Lunch Break (on your own)**

**1:10PM – 1:55PM**  
**Chronic Hepatitis C: A Multifaceted Disease**

Michael P. Curry, MD

**1:55PM – 2:35PM**  
**Hepatitis B: Recent Advances**

Vilas R. Patwardhan, MD

**2:35PM – 3:25PM**  
**Don't-Miss Causes of Anemia\***

Reed E. Drews, MD, FACP

**3:25PM – 3:35PM**  
**Rejuvenation Exercises**

**3:35PM – 3:55PM**  
*Refreshment Break*

### HEMATOLOGY

**3:55PM – 4:50PM**  
**Diagnosis and Management of Hypercoagulability and New Anti-coagulants: Interpreting the Data**

Kenneth A. Bauer, MD

**4:50PM – 5:05PM**  
**Hematology Q&A**

Reed E. Drews, MD, FACP

**5:05PM – 5:50PM**  
**Hematology: Challenging Cases with Your Participation**

Reed E. Drews, MD, FACP

### NEUROLOGY

**5:50PM – 6:50PM**  
**Ask the Experts: Neurology**

Patricia E. Greenstein, MD  
Daniel Press, MD

## WEDNESDAY, DEC. 6, 2017

**6:30AM – 7:00AM**  
Continental Breakfast

### ENT/OPHTHALMOLOGY

**7:00AM – 8:05AM**  
**Ask the Expert: ENT/Ophthalmology**

Ralph Metson, MD  
Mark C. Kuperwasser, MD

### KEYNOTE LECTURE

**8:05AM – 8:55AM**  
**Yesterday's Medicines, Today's Insights, Tomorrow's Cures**

Vikas P. Sukhatme, MD, ScD

**8:55AM – 9:15AM**  
*Refreshment Break*



**SPECIAL SYMPOSIUM: AN ORTHOPEDICS PRIMER – LIVE PATIENT DEMONSTRATION**

**9:15AM – 10:00AM**  
**The Evaluation and Management of Common Disorders of the Shoulder**

Arun J. Ramappa, MD

**10:00AM – 10:45AM**  
**The Evaluation and Management of Common Disorders of the Knee**

C. Christopher Smith, MD

**10:45AM – 11:30AM**  
**The Evaluation and Management of Common Disorders of the Back**

James J. Heffernan, MD, MPH

### KEYNOTE LECTURE

**11:30AM – 12:15PM**  
**Keynote TBD**

**12:15PM – 1:00PM**  
**Vaccine Update**

Raphael Dolin, MD

**THURSDAY, DEC. 7, 2017**

**6:30AM – 7:00AM**  
Continental Breakfast

**CARDIOLOGY – PART I**

**7:00AM – 7:40AM**  
Heart Disease in Women  
Loryn S. Feinberg, MD, FACC

**7:40AM – 8:20AM**  
Syncope  
Peter J. Zimetbaum, MD

**8:20AM – 9:00AM**  
Atrial Fibrillation  
Peter J. Zimetbaum, MD

**KEYNOTE LECTURE**

**9:00AM – 9:45AM**  
Dharma, Happiness and Living with Purpose  
Sanjiv Chopra, MD, MACP

**9:45AM – 10:05AM**  
Refreshment Break

**CARDIOLOGY – PART II**

**10:05AM – 10:45AM**  
Valvular Heart Disease  
Eli V. Gelfand, MD, FACC

**10:45AM – 11:25AM**  
The Current Cholesterol Guidelines and Treating Residual Risk\*  
Peter Oettgen, MD

**11:25AM – 12:10PM**  
Acute Coronary Syndromes  
Duane S. Pinto, MD, MPH

**12:10PM – 1:10PM**  
Lunch Break (on your own)

**1:10PM – 1:50PM**  
Peripheral Arterial Disease: Journey of 1,000 Steps  
Duane S. Pinto, MD, MPH

**1:50PM – 2:30PM**  
Congestive Heart Failure  
James D. Chang, MD

**2:30PM – 2:40PM**  
Rejuvenation Exercises

**2:40PM – 3:00PM**  
Refreshment Break

**KEYNOTE LECTURE**

**3:00PM – 3:40PM**  
New Frontiers in Radiology: From the First X-ray to Molecular Radiology  
Jonathan B. Kruskal, MD, PhD

**CARDIOLOGY – PART III**

**3:40PM – 4:05PM**  
Noninvasive Valve Replacement  
Jeffrey J. Popma, MD

**4:05PM – 4:45PM**  
Noninvasive Cardiac Imaging: So Many Tools to Choose From!  
Warren J. Manning, MD

**4:45PM – 5:00PM**  
Cardiology Q&A  
Joseph P. Kannam, MD

**5:00PM – 5:45PM**  
Cardiology: Challenging Cases with Your Participation  
Joseph P. Kannam, MD

**FRIDAY, DEC. 8, 2017**

**6:30AM – 7:00AM**  
Continental Breakfast

**INFECTIOUS DISEASES**

**7:00AM – 7:45AM**  
Fever in the Returning Traveler  
Wendy Stead, MD

**7:45AM – 8:15AM**  
Attack of the Cocci: New Defenses and Treatment Strategies  
Adolf W. Karchmer, MD

**8:15AM – 8:30AM**  
Infectious Diseases Q&A  
Adolf W. Karchmer, MD

**8:30AM – 9:15AM**  
Infectious Diseases: Challenging Cases with Your Participation  
Adolf W. Karchmer, MD

**KEYNOTE LECTURE**

**9:15AM – 10:00AM**  
Leadership: Lessons Learned from the Life and Legacy of Abraham Lincoln\*  
Mark L. Zeidel, MD

**10:00AM – 10:20AM**  
Refreshment Break

**NEPHROLOGY**

**10:20AM – 11:00AM**  
Acute Renal Failure  
Mark L. Zeidel, MD

**11:00AM – 11:45AM**  
Approach to the Patient with Proteinuria and Hematuria  
Melanie P. Hoenig, MD

**11:45AM – 12:25PM**  
Prevention and Treatment of Chronic Kidney Disease: Early Diagnosis and Aggressive Treatment  
Robert C. Stanton, MD

**12:25PM – 1:25PM**  
Lunch Break (on your own)

**1:25PM – 1:40PM**  
Nephrology Q&A  
Robert S. Brown, MD

**1:40PM – 2:25PM**  
Nephrology: Challenging Cases with Your Participation  
Robert S. Brown, MD

**PULMONARY DISEASES**

**2:25PM – 3:00PM**  
Update on Venous Thromboembolism  
Margaret M. Hayes, MD

**3:00PM – 3:10PM**  
Rejuvenation Exercises

**3:10PM – 3:30PM**  
Refreshment Break

**3:30PM – 4:10PM**  
Fresh Air: What's New with Asthma in 2017  
Asha Anandaiah, MD

**4:10PM – 4:50PM**  
Interstitial Diseases  
Robert Hallowell, MD

**4:50PM – 5:30PM**  
Understanding COPD: Going Beyond the Wheeze  
Richard M. Schwartzstein, MD

**5:30PM – 5:45PM**  
Pulmonary Diseases Q&A  
Richard M. Schwartzstein, MD

**5:45PM – 6:30PM**  
Pulmonary Diseases: Challenging Cases with Your Participation  
Richard M. Schwartzstein, MD

**SATURDAY, DEC. 9, 2017**

**7:00AM – 7:30AM**  
Continental Breakfast

**RISK MANAGEMENT**

**7:30AM – 8:30AM**  
Opiates for Chronic Pain: An Approach to Decision Making, Risk Management and Monitoring\*  
Marc L. Cohen, MD  
Julia H. Lindenberg, MD

**MISCELLANEOUS**

**8:30AM – 9:10AM**  
Cutaneous Malignancies: A Primer  
Marissa Heller, MD

**9:10AM – 9:30AM**  
Refreshment Break

**9:30AM – 10:15AM**  
Sleep Apnea: Review and Update  
Melanie S. Pogach, MD, MMSc

**10:15AM – 11:00AM**  
Stroke: What You Really Need to Know  
Louis R. Caplan, MD

**11:00AM – 11:45AM**  
Telepsychiatry: A New Frontier in Psychiatry  
John R. Sharp, MD, FAPA, FAPM

\*Qualifies for Risk Management Credits

REGISTER AT [www.UpdateInternalMedicine.com](http://www.UpdateInternalMedicine.com)