



HARVARD
MEDICAL SCHOOL

Earn up to:
36 AMA PRA Category 1 Credits™
5 Credits Risk Management Study
36 AAFP credits



Infectious Diseases in Adults

2015

April 27–May 1
Boston, MA
Fairmont Copley Plaza

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

Prevention

Detection

Diagnosis

Treatment

2015 updates for diagnosis and treatment of common, complex and emerging infectious diseases

Guidance to prevent and detect infections in travelers and immigrants

Instruction on how to detect and address rare and “don’t-miss” infectious diseases

Special updates on Ebola and Enterovirus D68

Best practices for safety and practice improvement



MASSACHUSETTS
GENERAL HOSPITAL

Register at ID.HMSCME.com

COURSE OVERVIEW

COURSE DIRECTOR

Nesli Basgoz, MD

Associate Professor, Harvard Medical School; Associate Chief and Clinical Director, Division of Infectious Diseases, Massachusetts General Hospital

COURSE CO-DIRECTORS

Stephen B. Calderwood, MD

Morton N. Swartz, MD Academy Professor of Medicine (Microbiology and Immunobiology), Harvard Medical School; Physician and Chief, Division of Infectious Diseases, Massachusetts General Hospital

Sandra B. Nelson, MD

Instructor in Medicine, Harvard Medical School; Assistant Physician and Director, Outpatient Parenteral Antimicrobial Therapy Program, Infectious Diseases Division, Massachusetts General Hospital

GUEST FACULTY

Angela M. Caliendo, MD, PhD

Professor of Medicine and Executive Vice Chair, Department of Medicine, Alpert Medical School at Brown University

Jane E. Koehler, MA, MD

Professor of Medicine and Attending Physician, Division of Infectious Diseases, University of California at San Francisco

Thomas F. Patterson, MD

Professor of Medicine, Chief, Division of Infectious Diseases, and Director, San Antonio Center for Medical Mycology, The University of Texas Health Science Center at San Antonio

Vincent J. Quagliarello, MD

Professor of Medicine and Clinical Chief, Infectious Diseases Section, Yale University School of Medicine

Daniel J. Sexton, MD

Professor, Department of Medicine, Division of Infectious Diseases, and Director, Duke Infection Control Outreach Network, Duke University Medical Center

HARVARD MEDICAL SCHOOL FACULTY

Miriam B. Barshak, MD

Nesli Basgoz, MD

Stephen B. Calderwood, MD

Benjamin T. Davis, MD

Donna Felsenstein, MD

Rajesh T. Gandhi, MD

Sarah Hammond, MD

Howard Heller, MD

Martin S. Hirsch, MD

David C. Hooper, MD

Arthur Kim, MD

Camille N. Kotton, MD

Sandra B. Nelson, MD

Eric S. Rosenberg, MD

Edward T. Ryan, MD

Paul E. Sax, MD

Erica Shenoy, MD, PhD

Sigal Yawetz, MD

Learning Objectives

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

- Improve knowledge and clinical skills in Infectious Diseases
- Discuss the latest strategies for the prevention, recognition, diagnosis, and treatment of important syndromes in Infectious Diseases
- Be able to establish a differential diagnosis and initiate an appropriate diagnostic evaluation for the major infectious disease-related problems in clinical practice
- Discuss the relevant areas of basic science to enable both the comprehension and the application of future discoveries to patient care

Course Description

This course focuses on advances in infectious diseases and their application to direct patient care. Didactic lectures and case-based presentations are both featured. An extensive, well-referenced syllabus supplements the presentations. Ample opportunity for interaction with the expert faculty is provided, including interactive clinical sessions and formal and informal discussions of cases provided by the faculty and by course participants.

Given the diversity of specialties and job descriptions represented in our participants, we have also added case-based breakout sessions led by experienced clinicians.

Register at ID.HMSCME.com

COURSE HIGHLIGHTS



Common Infectious Diseases: Updates in Prevention, Diagnosis and Treatment

Updates that ensure you are current with the new strategies, best practices and 2015 guidelines for addressing:

- Infections in immunocompromised hosts
- Skin and soft tissue infections
- Endocarditis, UTIs, gastrointestinal infections, and TB
- Bone and joint infections
- Sexually transmitted infections
- ENT infections*
- Pneumonia
- Lyme and other tick-borne diseases
- HIV infection and its complications
- PEP (Post-Exposure Prophylaxis) and PrEP (Pre-Exposure Prophylaxis) to prevent HIV infection
- Vaccinations
- Hepatitis C

**Includes revised guidelines for sinusitis and pharyngitis*

Challenging, Rare, and Emerging Infectious Diseases

Comprehensive updates on:

- Ebola, Enterovirus D68 and other emerging infectious diseases
- Infections in travelers and immigrants
- Zoonoses in the US—the old and the new
- Re-emergence of vaccine-preventable diseases in the United States
- Non-tuberculous (“atypical”) mycobacteria
- Eye infections: what you now need to know

Clinical Decision Making

A special opportunity for ID specialists, hospitalists and primary care providers to hear directly from world-renowned specialists and master clinicians on their approach and decision-making criteria for:

- Antimicrobial usage
- Selecting and utilizing newer diagnostics in infectious disease
- Spotting the low-probability, high-impact infections: early detection of life-threatening ID problems
- Determining when to hospitalize vs. treat as an outpatient
- Rational empiric therapy of serious infection: when and how to start, and when to narrow or discontinue
- Is it viral or bacterial? Key factors to consider

Safety, Quality and Practice Improvement

Special sessions on safety, quality, and value added by ID specialists

- Antimicrobial stewardship
- Infection control
- Early inpatient ID consultations to reduce mortality, length of stay, and costs
- Outpatient Parenteral Antibiotic Therapy (OPAT): best practices in design and operation of successful OPAT programs
- ID for hospital medicine practices: metrics for success
 - Inpatient ID consultations
 - Ambulatory ID practices

AGENDA

SUNDAY, APRIL 26

7:00 pm – 9:00 pm

Pre-registration

MONDAY, APRIL 27

7:00 am - 8:00 am

Registration (continental breakfast served)

8:00 am - 8:10 am

Introduction Nesli Basgoz, MD

Session 1 • 8:10 am – 12:20 pm

Moderator: Dr. Nesli Basgoz

Review of Major Antimicrobial Classes and Empiric Therapy

David C. Hooper, MD

Q & A Session

Mechanisms of Antibiotic Resistance and Newer Antibiotics for Resistant Gram-Positive Infections

David C. Hooper, MD

Q & A Session

Coffee Break

Newer Antibiotics for Resistant Gram-Negative Infections

David C. Hooper, MD

Q & A Session

Meningitis Vincent J. Quagliarello, MD

Q & A Session

12:20 pm - 1:35 pm

Lunch Break

Session 2 • 1:35 pm – 5:40 pm

Moderator: Dr. Nesli Basgoz

New and Emerging Viruses (including Ebola)

Martin S. Hirsch, MD

Q & A Session

Skin and Soft Tissue Infections

Sandra B. Nelson, MD

Q & A Session

Coffee Break

Hepatitis Arthur Kim, MD

Q & A Session

Eye and ENT Infections Miriam B. Barshak, MD

Q & A Session

TUESDAY, APRIL 28

6:45 am - 8:30 am

Continental breakfast served

7:15 am - 8:15 am

Hot Topics over Breakfast: Challenges in ID for the Hospital Medicine Specialist

Miriam B. Barshak, MD

Session 3 • 8:15 am – 12:45 pm

Moderator: Dr. Sandra B. Nelson

Introduction to the Immunocompromised Host and Infections in Hematologic Malignancies

Sarah Hammond, MD

Q & A Session

Infections in Solid Organ Transplant Recipients

Camille N. Kotton, MD

Q & A Session

Immunomodulator Therapy and Infection

Camille N. Kotton, MD

Q & A Session

Coffee Break

Endemic Fungal Infections

Thomas F. Patterson, MD

Q & A Session

Anti-Fungal Therapy

Thomas F. Patterson, MD

Q & A Session

12:45 pm - 2:00 pm

Lunch Break

Session 4 • 2:00 pm – 5:00 pm

Moderator: Dr. Nesli Basgoz

Clinical Cases: Images in Infectious Diseases

Rajesh T. Gandhi, MD

Treatment of Herpes and Influenza Virus Infections

Martin S. Hirsch, MD

Q & A Session

Coffee Break

Tuberculosis

Nesli Basgoz, MD

Q & A Session

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, 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.

AGENDA

WEDNESDAY, APRIL 29

6:45 am - 8:30 am

Continental breakfast served

7:00 am - 8:00 am

Hot Topics over Breakfast: Challenges in Inpatient ID Consultation for the ID Specialist

Nesli Basgoz, MD

Session 5 • 8:00 am – 12:15 pm

Moderator: Dr. Nesli Basgoz

Treatment of HIV Infection

Paul E. Sax, MD

Q & A Session

Approach to the Care of the HIV-infected Patient

Rajesh T. Gandhi, MD

Q & A Session

Coffee Break

HIV Pathogenesis, Acute HIV Infection, and Prospects for Eradication

Eric S. Rosenberg, MD

Q & A Session

Opportunistic Infections in AIDS

Nesli Basgoz, MD

Q & A Session

12:15 pm - 1:30 pm

Lunch Break

Session 6 • 1:30 pm – 5:00 pm

Moderator: Dr. Stephen B. Calderwood

Endocarditis

Stephen B. Calderwood, MD

Q & A Session

Bacterial Gastroenteritis and C. difficile

Stephen B. Calderwood, MD

Q & A Session

Coffee Break

Ehrlichial and Rickettsial Infections

Daniel J. Sexton, MD

Q & A Session

5:45 pm - 7:15 pm

Reception for all course participants

Network with your colleagues and course faculty

THURSDAY, APRIL 30

6:45 am - 8:30 am

Continental breakfast served

7:00 am - 8:00 am

Hot Topics over Breakfast: Infectious Diseases Challenges in Ambulatory Practice, and OPAT (Outpatient Parenteral Antibiotic Therapy) in ID Practice

Sandra B. Nelson, MD

Session 7 • 8:00 am – 12:05 pm

Moderator: Dr. Sandra B. Nelson

Common ID Curbside Consults

Paul E. Sax, MD

Q & A Session

Nontuberculous Mycobacterial Infection

Nesli Basgoz, MD

Q & A Session

Coffee Break

Lyme and Other Tick-Borne Illnesses

Howard Heller, MD

Q & A Session

Sexually Transmitted Diseases

Donna Felsenstein, MD

Q & A Session

12:05 pm - 1:25 pm

Lunch Break

Session 8 • 1:25 pm – 5:00 pm

Moderator: Dr. Nesli Basgoz

Tropical Medicine and Parasitology

Edward T. Ryan, MD

Q & A Session

Immunizations and Travel Medicine

Edward T. Ryan, MD

Q & A Session

Coffee Break

Urinary Tract Infections

Sigal Yawetz, MD

Q & A Session

Pneumonia Benjamin T. Davis, MD

Q & A Session

Program changes/substitutions may be made without notice.

Register at ID.HMSCME.com

AGENDA

FRIDAY, MAY 1

6:45 am - 8:00 am

Continental breakfast served

7:00 am - 8:00 am

Hot Topics Over Breakfast: Infection Control and Antibiotic Stewardship

Erica S. Shenoy, MD, PhD

Session 9 • 8:00 am – 12:05 pm

Moderator: Dr. Stephen B. Calderwood

Bone and Joint Infections

Sandra B. Nelson, MD

Q & A Session

Zoonotic Infections

Jane E. Koehler, MA, MD

Q & A Session

Coffee Break

Molecular Diagnostics in Infectious Disease

Angela M. Caliendo, MD, PhD

Q & A Session

Bites, Scratches, and Rabies

Nesli Basgoz, MD

Q & A Session

12:05 pm **Adjourn**

Expand Your Learning Experience

Hot Topics over Breakfast

The 2015 program includes four special case-based morning sessions. We encourage you to bring questions, along with food and beverage from the complimentary continental breakfast, for these timely, informative and highly interactive morning sessions.

Tuesday, April 28 7:15 am - 8:15 am

Challenges in ID for the Hospital Medicine Specialist

Wednesday, April 29 7:00 am - 8:00 am

Challenges in Inpatient ID Consultation for the ID Specialist

Thursday, April 30 7:00 am - 8:00 am

Infectious Diseases Challenges in Ambulatory Practice, and OPAT (Outpatient Parenteral Antibiotic Therapy) in ID Practice

Friday, May 1 7:00 am - 8:00 am

Infection Control and Antibiotic Stewardship

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

This live activity, Infectious Diseases in Adults, with a beginning date of April 27, 2015, has been reviewed and is acceptable for up to 36 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. This activity meets the criteria of the Massachusetts Board of Registration in Medicine for 5 credits of Risk Management Study.

Please check your individual state licensing board requirements before claiming these credits.

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.

AMA PRA Category 1 Credits™ claimed by physicians attending live events certified and organized in the United States for **AMA PRA Category 1 Credits™** can be claimed through the agreement on mutual recognition of credits between UEMS and AMA, considered as being equal to the European Continuous Medical Education Credits (ECMEC®) granted by the UEMS. One **AMA PRA Category 1 Credit™** is equivalent to one (1) hour of European EACCME Credit (ECMEC®), therefore up to 36 ECMEC® Credits are available. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

ACGME Competencies

This course is designed to meet the following Accreditation Council of Graduate Medical Education competencies: patient care, medical knowledge, and interpersonal and communication skills.



HARVARD

MEDICAL SCHOOL

Infectious Diseases in Adults 2015

(Course #352580)

	Tuition*
Physician	\$1,250
Allied Health Professional	\$950
Resident, Fellow in Training (early registration discount does not apply)	\$750

Course tuition includes: all sessions, the course syllabus on a flash drive, continental breakfast, morning and afternoon refreshments, and the Wednesday evening reception. When you register for the course, you can indicate that you would like one hard copy of the two-volume syllabus, in addition to the flash drive, at an additional cost of \$50.

* Shown in USD

PAYMENT, CONFIRMATION, and REFUND POLICY

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 postal mail, email, or fax. 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. Please do not make non-refundable travel arrangements until you've received an email confirming your registration. 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.

VENUE

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



ACCOMMODATIONS and TRAVEL

A limited number of rooms have been allocated exclusively for course participants at the Fairmont Copley Plaza Hotel at the reduced rate of \$289 per night. **Because the number of reduced-rate rooms is limited and these rooms will be provided to participants on a first-come, first-served basis, we strongly encourage you to register for the course and reserve a hotel room as soon as possible.**

To make your reservations, visit ID.HMSCME.com, or call the hotel at 1-866-540-4417. When you call, you must mention that you are enrolled in this course in order to receive the discount.

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 EST. Send e-mail to HMS-CME@hms.harvard.edu.

Register at ID.HMSCME.com