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
- 2015 updates for diagnosis and treatment of common, complex and emerging infectious diseases
- Guidance to prevent and detect infections in travelers and immigrants

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

Diagnosis
- Special updates on Ebola and Enterovirus D68

Treatment
- Best practices for safety and practice improvement

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

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.

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

Register at ID.HMSCME.com
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**
  - **Coffee Break**
  - **Endemic Fungal Infections**
  - 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
  - **Q & A Session**
  - **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.
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*

*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
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.

**Friday, May 1**

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| 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**

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**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**
Infectious Diseases in Adults 2015
(Course #352580)

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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