



HARVARD MEDICAL SCHOOL



Practical, focused education that ensures attendees are current with the updates and clinical best practices that are now producing the best patient outcomes

Now offering ABIM MOC Points

Infectious Diseases in Adults

April 24–28
2017
Boston, MA

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

Prevention

Detection

Diagnosis

Treatment

State-of-the-art approaches to common infectious diseases

Guidance for treating highly resistant bacterial infections

Clinical approaches to complex, rare, “don’t-miss” infectious diseases

Zika updates: what you need to know now

Care of HIV-infected and other immunocompromised patients

Prevention and detection of infections in travelers and immigrants

Strategies for optimal decision making in prevention, diagnosis and treatment

Systems-based safety and practice improvement



MASSACHUSETTS
GENERAL HOSPITAL

Register at ID.HMSCME.com

Harvard Medical School Faculty

Nesli Basgoz, MD

Course Director

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

Stephen B. Calderwood, MD

Co-Course Director

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

Rajesh T. Gandhi, MD

Co-Course Director

Director of HIV Clinical Services and Education, Division of Infectious Diseases, Massachusetts General Hospital (MGH); Associate Professor, Harvard Medical School; MGH Clinical Research Site Leader in the AIDS Clinical Trials Group; Director of the Harvard University Center for AIDS Research Clinical Core

Sandra B. Nelson, MD

Co-Course Director

Director, Musculoskeletal Infectious Disease and OPAT (Outpatient Parenteral Antibiotic Therapy) Programs, Division of Infectious Diseases, Massachusetts General Hospital; Assistant Professor of Medicine, Harvard Medical School

Kevin L. Ard, MD, MPH

Miriam B. Barshak, MD

Andrea Ciaranello, MD

Benjamin T. Davis, MD

Donna Felsenstein, MD

Jeffrey A. Gelfand, MD

Sarah Hammond, MD

Howard M. Heller, MD, MPH

Martin S. Hirsch, MD

Elizabeth Hohmann, MD

David C. Hooper, MD

Rocío Hurtado, MD, DTM&H

Arthur Kim, MD

Camille Nelson Kotton, MD

Alyssa R. Letourneau, MD, MPH

Michael Mansour, MD, PhD

Eric S. Rosenberg, MD

Edward T. Ryan, MD

Paul E. Sax, MD

Erica S. Shenoy, MD, PhD

Signal Yawetz, MD

Course Description

Infectious Diseases in Adults provides important updates and state-of-the-art approaches for the prevention, diagnosis and management of infectious diseases: common, challenging, rare and emerging. This highly rated course focuses on major clinical syndromes as well as management controversies. It features a range of case-based, interactive, and problem-solving sessions from master clinicians in the field.

Topics with major impact on clinical practice are emphasized, including:

- Antibiotic-resistant infections
- Zika and other emerging infections
- Infections in immunocompromised hosts
- Skin and soft tissue infections
- Bone, joint, and orthopedic device infections
- Sexually transmitted diseases, endocarditis, vaccination

The course provides education that ensures attendees are current with recent developments in the prevention and management of infections, including the newer antibiotics and vaccines, antiviral and antiparasitic agents, new diagnostic techniques, and recommendations for prophylaxis in travelers.

Learning Objectives

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

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

GUEST FACULTY

Angela M. Caliendo, MD, PhD

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

Jane E. Koehler, MA, MD

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

Vincent J. Quagliarello, MD

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

Allan R. Tunkel, MD, PhD, MACP

Associate Dean for Medical Education and Professor of Medicine and Medical Science, Warren Alpert Medical School of Brown University

Register at ID.HMSCME.com

COURSE HIGHLIGHTS



Now offering
ABIM MOC Points

Treating Highly Resistant Bacterial Infections, including:

- MRSA and vancomycin-intermediate *Staph aureus* (VISA)
- Extended spectrum beta-lactamase (ESBL)-producing gram negative rods
- Carbapenemase-producing gram negative rods, including the NDM-1 metallo-beta-lactamase-producing organisms
- Vancomycin-resistant enterococci (VRE)

Common Infectious Diseases: Updates in Prevention, Diagnosis and Treatment

Updates to keep you current on new strategies, state-of-the-art practices, and the most recent guidelines to address:

- Skin and soft tissue infections
- Endocarditis, urinary tract infections, *C. difficile* colitis, and tuberculosis
- Bone and joint and orthopedic device infections
- Sexually transmitted infections, including new guidelines
- Infections in immunocompromised hosts
- Infections in pregnancy, including Zika
- Ear, nose and throat (ENT) and eye infections
- Pneumonia
- Lyme and other tick-borne diseases
- HIV infection and its infectious and noninfectious complications
- PEP (Post-Exposure Prophylaxis) and PrEP (Pre-Exposure Prophylaxis) to prevent HIV infection
- Vaccinations
- Hepatitis C

Challenging, Rare, and Emerging Infectious Diseases

Comprehensive updates on:

- Zika, Ebola, MERS, and other emerging infectious diseases
- Infections in travelers and immigrants
- Zoonoses—the old and the new
- Re-emergence of vaccine-preventable diseases
- Non-tuberculous (“atypical”) mycobacteria

Clinical Decision Making

Hear directly from world-renowned specialists and master clinicians on their approach and decision-making criteria for:

- Antimicrobial usage
- Selecting and utilizing newer diagnostic tests for infectious diseases
- Diagnosing the low-probability but high-impact infections
- Early detection of life-threatening infections
- Determining when to hospitalize vs. treat as an outpatient
- Rational empiric antimicrobial therapy of serious infections: when and how to start, and when to narrow or stop
- 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 program design and operation
- ID for hospital medicine practitioners
- *M. chimaera* heater-cooler outbreak update

Register at ID.HMSCME.com

Agenda

SUNDAY, APRIL 23

7:00 pm – 9:00 pm
Pre-registration

MONDAY, APRIL 24

7:00 am - 8:00 am
Registration (continental breakfast served)

8:00 am - 8:20 am
Introduction and Road Map Nesli Basgoz, MD

Session 1 • 8:20 am – 12:10 pm
Moderator: Dr. Nesli Basgoz

Review of Major Antimicrobial Classes and Empiric Therapy: 2017 Alyssa R. Letourneau, MD, MPH

Q & A Session

Update on New Antibiotics for Resistant Gram Positive Infections David C. Hooper, MD

Q & A Session

Coffee Break (refreshments provided)

Update on New Antibiotics for Resistant Gram Negative Infections David C. Hooper, MD

Q & A Session

New Approaches to Infection Control and Antimicrobial Stewardship Erica S. Shenoy, MD, PhD

Q & A Session

12:10 pm - 1:30 pm
Lunch Break

Session 2 • 1:30 pm – 5:05 pm
Moderator: Dr. Nesli Basgoz

Cases in Sepsis and Resistant Bacterial Infections Alyssa R. Letourneau, MD, MPH

Q & A Session

Infections in Pregnancy (including Zika) Andrea Ciaranello, MD

Q & A Session

Coffee Break (refreshments provided)

Advances in Hepatitis C Monoinfection Arthur Kim, MD

Q & A Session

Bites, Scratches, and Rabies Nesli Basgoz, MD

Q & A Session

TUESDAY, APRIL 25

6:45 am - 8:30 am
Continental breakfast served

7:00 am - 7:50 am **Concurrent Breakouts**

ID Updates for the Hospital Medicine Specialist
Miriam B. Barshak, MD

OPAT for ID Specialists
Kevin L. Ard, MD, MPH

Session 3 • 8:00 am – 12:15 pm
Moderator: Dr. Sandra B. Nelson

Skin and Soft Tissue Infections: Diagnostic and Treatment Approaches Sandra B. Nelson, MD

Q & A Session

Eye and ENT Infections: What You Need to Know Miriam B. Barshak, MD

Q & A Session

Coffee Break (refreshments provided)

Meningitis Vincent J. Quagliarello, MD

Q & A Session

Pneumonia Benjamin T. Davis, MD

Q & A Session

12:15 pm - 1:30 pm
Lunch Break

Session 4 • 1:30 pm – 5:30 pm
Moderator: Dr. Rajesh T. Gandhi

Encephalitis and Healthcare-Associated CNS Infections: Guidelines and Best Practices Allan R. Tunkel, MD, PhD, MACP

Q & A Session

Updates in Endocarditis including New Guidelines Stephen B. Calderwood, MD

Q & A Session

Coffee Break (refreshments provided)

Clostridium difficile Infection, including Recurrent and Refractory Disease: Novel Approaches Elizabeth Hohmann, MD

Q & A Session

Sexually Transmitted Infections: Clinical Advances and New Treatment Guidelines Donna Felsenstein, MD

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 26

6:45 am - 8:30 am Continental breakfast served

7:00 am - 8:00 am

Breakfast Breakout: ID Cases Submitted by Course Participants

Nesli Basgoz, MD; Stephen B. Calderwood, MD; Rajesh T. Gandhi, MD; and Sandra B. Nelson, MD

Session 5 • 8:00 am – 12:30 pm

Moderator: Dr. Rajesh T. Gandhi

Challenges in Acute HIV Infection and HIV Testing Eric S. Rosenberg, MD

Q & A Session

HIV Management 2017: Initial Approach and Treatment Rajesh T. Gandhi, MD

Q & A Session

Recent Advances in HIV and What's on the Horizon Rajesh T. Gandhi, MD

Q & A Session

Coffee Break (refreshments provided)

Immunocompromised Host and Infections in Hematologic Malignancies Sarah Hammond, MD

Q & A Session

Update on Antifungal Diagnostics and Therapy Michael Mansour, MD, PhD

Q & A Session

12:30 pm - 1:45 pm Lunch Break

Session 6 • 1:45 - 5:30 Concurrent Specialty Sessions

Session 6A: HIV

Moderator: Dr. Rajesh T. Gandhi

Continuing Challenges in HIV-Associated Opportunistic Infections Nesli Basgoz, MD

Q & A Session

Pre- and Post-Exposure Prophylaxis for HIV

Kevin L. Ard, MD, MPH

Q & A Session

Coffee Break (refreshments provided)

Advances in the Prevention and Treatment of HPV Disease Benjamin T. Davis, MD

Q & A Session

Rapidly Evolving Landscape of HIV/HCV Coinfection Arthur Kim, MD

Q & A Session

Our Most Difficult HIV Cases and What We Learned from Them — Panel Discussion

Moderated by Rajesh T. Gandhi, MD

Q & A Session

Session 6B:

Non-HIV Immunocompromised Host

Moderator: Dr. Sandra B. Nelson

Infections in Patients Undergoing Stem Cell Transplantation Sarah Hammond, MD

Q & A Session

Infections in Solid Organ Transplant Recipients Camille Nelson Kotton, MD

Q & A Session

Coffee Break (refreshments provided)

Infections in Patients on Immunomodulatory Therapy Camille Nelson Kotton, MD

Q & A Session

Our Most Difficult Fungal Infection Cases and What We Learned from Them — Panel Discussion

Moderated by Michael Mansour, MD, PhD

Q & A Session

5:30 pm - 7:15 pm

Networking Reception

Join us for refreshments and to meet your faculty and colleagues



Agenda

THURSDAY, APRIL 27

6:45 am - 8:30 am Continental breakfast served

7:00 am - 8:00 am

Breakfast Breakout: Cases in Highly Resistant Bacterial Infections — *Panel Discussion*

Moderated by Alyssa R. Letourneau, MD, MPH

Q & A Session

Session 7 • 8:00 am – 12:05 pm

Moderator: Dr. Nesli Basgoz

ID Images: An Interactive Case-Based Discussion

Rajesh T. Gandhi, MD

Q & A Session

Tropical Medicine and Parasitology

Edward T. Ryan, MD

Q & A Session

Immunizations and Travel Medicine in 2017

Edward T. Ryan, MD

Q & A Session

Coffee Break (refreshments provided)

Native Bone and Joint Infections: Age-Old Problems and New Challenges Sandra B. Nelson, MD

Q & A Session

Orthopedic Device Infections Sandra B. Nelson, MD

Q & A Session

12:05 pm - 1:20 pm

Lunch Break

Session 8 • 1:20 pm – 5:15 pm

Moderator: Dr. Sandra B. Nelson

Tuberculosis Update Rocío Hurtado, MD, DTM&H

Q & A Session

Nontuberculous Mycobacteria and Bronchiectasis

Nesli Basgoz, MD

Q & A Session

Coffee Break (refreshments provided)

Babesia, Ehrlichia, and Rickettsia

Jeffrey A. Gelfand, MD

Q & A Session

Lyme and Other Tick-Borne Illnesses: What You Need to Know Howard M. Heller, MD, MPH

Q & A Session

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.

FRIDAY, APRIL 28

6:45 am - 8:00 am Continental breakfast served

Session 9 • 8:00 am – 12:40 pm

Moderator: Dr. Nesli Basgoz

Curbside Consults Paul E. Sax, MD

Q & A Session

New and Emerging Viruses (including Zika)

Martin S. Hirsch, MD

Q & A Session

Urinary Tract Infections: The Common and the Complicated Sigal Yawetz, MD

Q & A Session

Coffee Break (refreshments provided)

Zoonoses Jane E. Koehler, MA, MD

Q & A Session

Update on Molecular Diagnostics for Infectious Diseases Angela M. Caliendo, MD, PhD

Q & A Session

12:40 pm **Adjourn**

Venue

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



Accommodations

A limited number of rooms have been reserved at Fairmont Copley Plaza until March 28, 2017. When calling the hotel, be sure to specify that you are enrolled in this activity to receive a reduced room rate. Hotel arrangements can also be made online before March 28 by going to the course website and clicking on the dedicated reservation link on the Venue page.

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



HARVARD MEDICAL SCHOOL

Earn up to:

36.75 AMA PRA Category 1 Credits™

36.75 ABIM MOC Points (NEW)

*36.75 Prescribed credits from the AAFP
5 Credits Risk Management Study*

Infectious Diseases in Adults

2017

April 24–28
BOSTON, MA

Updates, Best Practices, and Recent Guidelines for:

- ID specialists
- Hospitalists
- Internists
- Family Physicians
- Pharmacists
- Pathologists
- Pulmonologists
- Critical Care clinicians
- Emergency Medicine clinicians
- Nurse Practitioners
- Physician Assistants

...and others who care for,
diagnose, and treat patients
with infectious diseases



*This course is also recommended
for ID specialists who are
preparing to certify or recertify*

Register at ID.HMSCME.com



MASSACHUSETTS
GENERAL HOSPITAL



HARVARD MEDICAL SCHOOL

Infectious Diseases in Adults 2017

(Course #732580-1702)

	Course Tuition
Physicians	\$1,425
Allied Health Professionals	\$1,225
Residents and Fellows	\$895

Course tuition includes continental breakfast, morning and afternoon refreshments, the course syllabus on a flash drive, complimentary Internet in the course rooms, and a special reception on Wednesday evening.

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 \$65. (The price on site will be \$75.)

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 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, 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. Fees shown in USD.

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 \$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.

Inquiries

Call 617-384-8600 Mon-Fri 9am – 5pm EST. Send e-mail to CEPrograms@hms.harvard.edu.

MOC STATEMENT

Successful completion of this CME activity enables the participant to earn up to 36.75 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.

Accreditation

ACCREDITATION COUNCIL FOR CONTINUING MEDICAL EDUCATION
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 36.75 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AMERICAN ACADEMY OF FAMILY PHYSICIANS

This Live activity, Infectious Diseases in Adults, with a beginning date of 04/24/2017, has been reviewed and is acceptable for up to 36.75 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 the Massachusetts Board of Registration in Medicine for 5.00 credits of Risk Management Study. 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 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.

ABMS/ACGME COMPETENCIES

This course is designed to meet one or more of the following American Board of Medical Specialties and Accreditation Council of Graduate Medical Education competencies: patient care and procedural skills, medical knowledge, and interpersonal and communication skills.

IOM COMPETENCIES

This course is designed to meet one or more of the following Institute of Medicine competencies: provide patient-centered care, work in interdisciplinary teams, employ evidence-based practice, and apply quality improvement.

Register at ID.HMSCME.com