



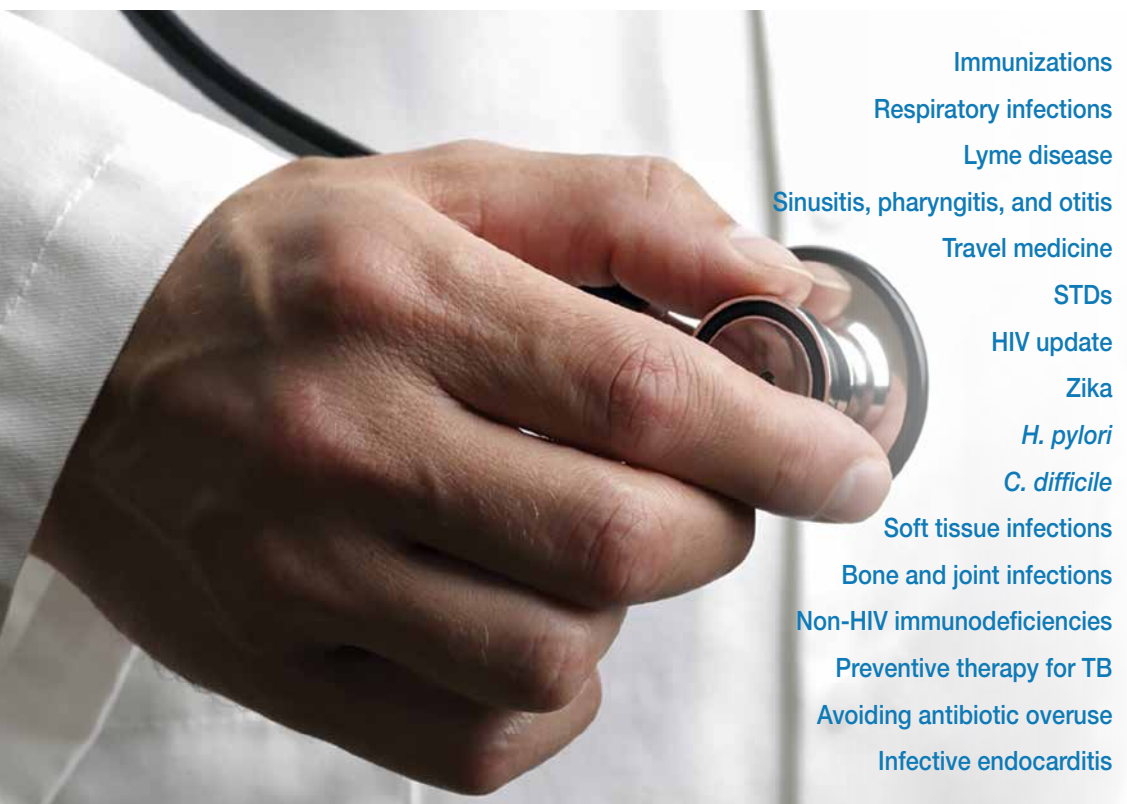
HARVARD
MEDICAL SCHOOL

Infectious Diseases in Primary Care

2018

NOVEMBER 7-9
BOSTON, MA

Updates and Best Practices for Improved Prevention, Diagnosis, and Treatment



Immunizations
Respiratory infections
Lyme disease
Sinusitis, pharyngitis, and otitis
Travel medicine
STDs
HIV update
Zika
H. pylori
C. difficile
Soft tissue infections
Bone and joint infections
Non-HIV immunodeficiencies
Preventive therapy for TB
Avoiding antibiotic overuse
Infective endocarditis

Optional Half-Day Workshop: Treating Viral Hepatitis and HIV in Primary Care Practice



Register at IDprimarycare.HMSCME.com

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

Paul E. Sax, MD
Jennifer A. Johnson, MD
James H. Maguire, MD, MPH
Sigal Yawetz, MD



HARVARD MEDICAL SCHOOL

Dear Colleague,

Infectious Disease is constantly changing—changing in ways that directly impact primary care practice. Whether it is the latest immunization guidelines, novel diagnostic tests, new antibiotics or antivirals, or a newly recognized or emerging epidemic, you can be sure there will be numerous ID-related issues of clinical significance to learn and to master for optimal patient outcomes.

Consider the following questions:

- What immunizations are indicated for my patients traveling to developing countries?
- How can I interpret the results of different tests for latent tuberculosis?
- How should I manage recurrent *C. difficile*?
- What are the recommendations for the new zoster vaccine?
- What can we expect with the upcoming flu season?
- How do various hepatitis C treatment options impact my patients?
- What strategies are recommended for treating and preventing MRSA infection?
- What are the new tests our lab is using to diagnose HIV and other sexually transmitted infections?
- How should I answer patient questions about emerging diseases, such as Zika and MERS?
- How do I manage patients with antibiotic allergies?

This is just a short list of frequently asked questions and controversies covered in our course, *Infectious Diseases in Primary Care*. We have specifically designed this course with the needs of the busy primary care provider in mind. Our faculty provides the most up-to-date information on a wide variety of ID issues, covering prevention, diagnosis, and treatment. Case-based interactive presentations are emphasized, and we select lecturers for their exceptional teaching skills and their real-world experiences in active clinical practice.

Attend this course to ensure you are up to date with important changes and best practices in ID prevention, diagnosis, and treatment for primary care providers, and get your most common ID questions answered. We look forward to seeing you in November!

Sincerely,

Paul E. Sax, MD
Professor of Medicine, Harvard Medical School
Clinical Director, Division of Infectious Diseases
Brigham and Women's Hospital



Harvard Medical School Faculty

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Important ID Updates and Answers to Frequently Asked Questions



Education for PHYSICIANS, NPs, and PAs in the fields of:

- Internal Medicine
- Family Medicine
- Infectious Diseases
- Pediatrics
- Geriatrics
- Adolescent Medicine
- Emergency Medicine
- Urgent Care
- OB/GYN

...and others who seek a thorough update in
Infectious Diseases as it relates to primary care

Infectious Diseases in Primary Care 2018

Course Description

This course provides primary care practitioners with strategies, updates, and specific practice recommendations to improve diagnosis, treatment, and prevention of common infectious diseases. Primary care clinicians are frequently faced with challenges in infectious diseases such as escalating resistance to antibiotics, emerging pathogens, new diagnostic studies, and evolving drugs with novel mechanisms of action and potentially unrecognized adverse effects. This course enhances attendee knowledge and competency through a comprehensive overview of infections seen in ambulatory practice, new areas of controversy, and recent advances and important developments in the field. The format includes lectures, case presentations, faculty discussions, and problem-solving education. The program covers an expansive array of content, including management of infections of the respiratory, gastrointestinal, and urinary tracts; sexually transmitted diseases; viral illnesses; and other commonly encountered infectious diseases. Modern approaches to diagnosis and the rational use of new and old antimicrobial agents will be discussed. Special attention will be given to the prevention of infections by immunization or antimicrobial prophylaxis. During the course, the emphasis will be on topics with practical applications to patient management, with frequent integration of case histories into didactic material.

Comprehensive Updates

- Immunizations
- Respiratory infections
- Lyme disease
- Travel medicine
- Infective endocarditis
- Sinusitis, pharyngitis, and otitis
- Non-HIV immunodeficiencies
- Bone and joint infections
- Sexually transmitted infections
- Soft tissue infections
- HIV treatment
- Preventive therapy for TB
- Avoiding antibiotic overuse
- Zika
- *H. pylori*
- *C. difficile*

Learning Objectives

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

- Describe effective ways in which to improve the diagnosis and treatment of infectious diseases.
- Summarize information regarding evidence-based treatment protocols for infectious diseases and that help determine optimal patient care plans.
- Assess investigative data on common infectious diseases that could influence patient care.

Accreditation

ACCREDITATION COUNCIL FOR CONTINUING MEDICAL EDUCATION

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

- Infectious Diseases in Primary Care: 19.00 *AMA PRA Category 1 Credits™*
- Optional HIV and Hepatitis C Treatment Workshop: 3.50 *AMA PRA Category 1 Credits™*

AMERICAN ACADEMY OF FAMILY PHYSICIANS

This Live activity, Infectious Diseases in Primary Care, with a beginning date of 11/07/2018, has been reviewed and is acceptable for up to 22.50 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.

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 Credit™* issued by organizations accredited by the ACCME (Accreditation Council for Continuing Medical Education). We would also suggest that learners check with their state licensing board to ensure they accept reciprocity with *AMA PRA Category 1 Credit™* for re-licensure.

Agenda

Wednesday, November 7

7:00 **Registration and Continental Breakfast**

Moderator: Dr. Paul E. Sax

8:00 **Antibiotic Update for Office Practice**
Paul E. Sax, MD

8:45 **Sore Throats and Common Colds**
Miriam Baron Barshak, MD

9:30 *Break (Refreshments provided)*

9:45 **Update in Sexually Transmitted Diseases**
Howard M. Heller, MD, MPH

10:30 **Common Curbside Consults in Infectious Diseases**
Paul E. Sax, MD

11:15 **Corticosteroids, Biologics, and More: Infections in the Non-HIV Immunocompromised Host**
Sarah P. Hammond, MD

12:00 *Break for lunch**

Moderator: Dr. Jennifer A. Johnson

1:15 **Infections in Cancer and Transplant Patients: Role of the PCP**
Sarah P. Hammond, MD

2:00 **Lyme Disease Update**
Howard M. Heller, MD, MPH

2:45 **The Top Things the PCP Needs to Know about Infection Control**
Michael Klompas, MD, MPH

3:30 *Break (Refreshments provided)*

3:45 **Update on Influenza and Rapid Diagnostics for Respiratory Infections**
Daniel R. Kuritzkes, MD

4:30 **Skin Infections and Infection-Mimickers**
Jason E. Frangos, MD

5:15 **Daily Program Ends**

Thursday, November 8

7:00 **Continental Breakfast**

Moderator: Dr. James H. Maguire

8:00 **How to Evaluate and Manage Antibiotic Allergies**
Paige Wickner, MD, MPH

8:45 **Infections in Travelers and Immigrants: A Comprehensive Overview** James H. Maguire, MD, MPH

9:30 **Adult Immunization Update**
Daniel A. Solomon, MD

10:15 *Break (Refreshments provided)*

10:30 **Pneumonia: Updates in Diagnosis and Management** Joel T. Katz, MD

11:15 **Bone and Joint Infections**
James H. Maguire, MD, MPH

12:00 *Break for lunch**

Moderator: Dr. Sigal Yawetz

1:15 **ID Case Challenge: Interesting Patients from the Community**
Todd Ellerin, MD

2:00 **Urinary Tract Infections: The Common and the Complicated**
Sigal Yawetz, MD

2:45 **C. difficile: What's New for the PCP**
Elizabeth Hohmann, MD

3:30 *Break (Refreshments provided)*

3:45 **KEYNOTE - Primary Care and Infectious Disease: The Global Perspective**
Joia S. Mukherjee, MD, MPH



4:30 **H. pylori: Diagnosis, Management and Controversies**
Molly Perencevich, MD

5:15 **Daily Program Ends**

*There are many convenient and varied lunch options within a short walking distance of the course.

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 Credit™* for re-licensure.

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.eacme.eu.

Agenda

Friday, November 9

| | |
|-------|--|
| 7:00 | Continental Breakfast Moderator: Dr. Jennifer A. Johnson |
| 8:00 | Principles of Managing Infectious Diseases in Family Planning and Pregnancy Sigal Yawetz, MD |
| 8:45 | What's This Antibiotic My Patient Was Discharged On? Antibiotic Update from the Hospital Perspective Jennifer A. Johnson, MD |
| 9:30 | Tuberculosis for the Non-ID Specialist Eric Rubin, MD, PhD |
| 10:15 | <i>Break (Refreshments provided)</i> |
| 10:30 | HIV and Hepatitis for the Non-ID Specialist: The Basics Paul E. Sax, MD |
| 11:15 | Unknowns in Infectious Diseases Jennifer A. Johnson, MD |
| 12:00 | Wrap-Up of Main Program Paul E. Sax, MD |
| 12:15 | Main Course Concludes |

Optional Add-On Treatment Workshop **Treating Viral Hepatitis and HIV in Primary Care Practice** *State-of-the-Art Approaches to Optimize Patient Care and Outcomes*

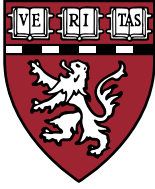
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| 1:15 | Welcome and Introduction to Workshop Paul E. Sax, MD |
| 1:30 | HIV Vaccine and Cure: Where Are We Now? Daniel R. Kuritzkes, MD |
| 2:15 | Optimizing HIV Therapy: What to Start, When and How to Switch Paul E. Sax, MD |
| 2:45 | HIV Pre- and Post-Exposure Prophylaxis: Why the PCP Is Critical Sigal Yawetz, MD |
| 3:15 | <i>Break (Refreshments provided)</i> |
| 3:30 | Treatment of Viral Hepatitis in the Primary Care Setting Jennifer A. Johnson, MD |
| 4:15 | HIV and Hepatitis Case Challenges: When to Treat, When to Refer Faculty Panel, Moderated by Paul E. Sax, MD |
| 5:00 | Wrap-Up of Treatment Workshop Paul E. Sax, MD |
| 5:15 | Treatment Workshop Concludes |

2018 Program Highlights

- Updated guidelines for adult immunization
- New diagnostics for respiratory tract infections
- Travel medicine and infectious diseases in immigrants
- Strategies for avoiding antibiotic overuse
- How to counsel reluctant patients about vaccine benefits
- Can't-miss diagnoses: infectious disease emergencies
- Managing antibiotic resistance in the community
- Updates for the non-HIV immunocompromised patient
- Evaluation and treatment of latent tuberculosis
- New guidelines for management of urinary, gastrointestinal, respiratory, and soft tissue infections
- Expanded treatment options for hepatitis C
- Optional treatment workshop: Treating Viral Hepatitis and HIV in Primary Care Practice

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

**Questions? Call 617-384-8600
Monday-Friday 9am – 5pm (ET) or send
email to CEPrograms@hms.harvard.edu**



HARVARD MEDICAL SCHOOL

Infectious Diseases in Primary Care

2018

NOVEMBER 7-9
BOSTON, MA

Education for **PHYSICIANS**
NPs
PAs

Comprehensive updates
for state-of-the-art
PREVENTION
DIAGNOSIS
TREATMENT



- Updated guidelines for adult immunization
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BRIGHAM HEALTH



BRIGHAM AND
WOMEN'S HOSPITAL

Register at IDprimarycare.HMSCME.com

Earn up to 22.50 AMA PRA Category 1 Credits™ • 22.50 AAFP Prescribed credits



HARVARD MEDICAL SCHOOL

Infectious Diseases in Primary Care

November 7–9 • Boston, MA

Course #732220-1901

| | |
|---|---------|
| | Tuition |
| Physicians | \$895 |
| Allied Health Professionals, Residents and Fellows | \$795 |
| OPTIONAL HALF-DAY TREATMENT WORKSHOP | |
| Treating Viral Hepatitis and HIV in Primary Care Practice <i>Friday, November 9 • 1:15 pm – 5:15 pm</i> | \$165 |

Tuition includes all breakfasts, and morning and afternoon refreshments. Complimentary internet access will be provided in the meeting room throughout the course.

All attendees of Infectious Diseases in Primary Care will receive a flash drive containing course materials. If you would like a printed copy of these materials, you can purchase them in advance for \$50 with your online course registration. A very limited supply will be available on site at the course for \$65. Note: Participants of the optional workshop, Treating Viral Hepatitis and HIV in Primary Care Practice, will receive printed materials for the half-day workshop.

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 IDprimarycare.HMSCME.com.

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 (draft on a United States bank), 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. All fees shown in USD.

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 prior to the start of the course. Refund requests must be received by email. 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.



Venue

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

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

Accommodations

A limited number of rooms* have been reserved at Fairmont Copley Plaza until October 15, 2018. Reservations can be made by phone at (617) 267-5300 or 1-800-441-1414. Please specify that you are enrolled in this activity to request a reduced room rate. Discounted reservations can also be made online by visiting the Venue page of our website at IDprimarycare.HMSCME.com or by going to <https://book.passkey.com/event/49581322/owner/272/home> before October 15, 2018.

Please do not make non-refundable travel arrangements until you've received an email from our office confirming your paid registration.

**Please note that the discounted rooms may sell out before the deadline.*

Register at IDprimarycare.HMSCME.com