Update in
HOSPITAL MEDICINE 2019
October 28 – 30, 2019  Boston, MA

For PHYSICIANS, NPs, PAs
Updates, new guidelines, and best practices to optimize inpatient care

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<td>Rheumatology</td>
<td>Bacteremia/Endocarditis</td>
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This program is among the highest-rated Harvard Medical School CME courses

Under the direction of
Christopher L. Roy, MD
Glen M. Kim, MD, MPH

This course sold out the past 4 years. Early registration to the 2019 program is strongly recommended.

Register at HospitalMedicine.HMSCME.com
ADDICTION AND PAIN MANAGEMENT
- Difficult cases in alcohol withdrawal
- Common pitfalls in opioid titration for acute pain
- New guidelines on the management of opioid-induced constipation
- Dangers of natural/synthetic cannabinoids
- Update on management of opioid use disorders
- New options for the palliation of nausea and vomiting

ALLERGY
- Testing and desensitization for β-lactam allergies
- What to do when there is no allergist
- Penicillin allergy: A risk factor for MRSA and *C. difficile*?
- Contemporary anaphylaxis management

CARDIOVASCULAR
- Using high-sensitivity troponin and prediction scores to rule out ACS
- The evolving use of risk scores in PE workup
- CT-PE may not rule out PE in all patients
- Should we be using PCSK9 inhibitors to prevent cardiovascular events?
- The Fourth Universal Definition of Myocardial Infarction
- Update on supplemental O₂ in AMI patients
- Coronary CT for chest pain triage?
- Should we give IV magnesium for rate control of atrial fibrillation?
- PE as a cause of syncope: Dangerous, but not as common as we thought?
- A salty debate: Is sodium restriction in heart failure beneficial?
- New data: Angiotensin receptor-neprilysin inhibitors in acute decompensated heart failure
- New data: Direct oral anticoagulants (DOACs) in STEMI
- Syncope: When to order ancillary testing
- Atrial fibrillation: Updates on catheter ablation and LAA occlusion

DELIRIUM
- Are patient visitors the best prevention for delirium?
- Antipsychotics for delirium: Don't believe the hype
- Are melatonin agonists useful or not in delirium prevention?

DIAGNOSTICS
- ECG interpretation pearls and pitfalls
- Can't-miss radiology diagnoses
- Rapid-fire review of laboratory cases
- Radiology: Choosing the right imaging protocols

ENDOCRINE
- Rapid-fire review of insulin management cases
- More liberal targets in inpatient glucose control?
- New data on metformin safety in chronic kidney disease
- Adverse effects of SGLT-2 and DPP-4 inhibitors
- Artificial pancreas therapy in the inpatient setting?

GASTROINTESTINAL
- What imaging to order in suspected biliary obstruction
- Weekly vs. daily dosing for SBP prophylaxis
- New FDA approval: Thrombopoietin receptor agonists for periprocedural thrombocytopenia in liver disease
- More data for preemptive TIPS in high-risk acute variceal hemorrhage
- Hemostatic spray: A new therapeutic option for lower GI bleed

HEMATOLOGY-ONCOLOGY
- Choosing wisely: Best practices for limiting transfusions
- Case-based review: Choosing the optimal DOAC for your patient
- Reversing anticoagulation with DOACs
- New guidelines on the management of bleeding in patients on oral anticoagulants
- L-glutamine: The first new sickle cell treatment approved in 20 years
- DOACs for heparin-induced thrombocytopenia?
- Red flags: When to call hematology

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

AMERICAN BOARD OF INTERNAL MEDICINE
Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 26.75 Medical Knowledge MOC points [and 0.75 patient safety MOC credits] 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.
The Comprehensive 2019 Hospital Medicine Update

INFECTIOUS DISEASE

- Case-based antibiotic review and pearls for interpreting culture data
- Even more reasons to avoid fluoroquinolones
- Pneumonia: The latest on CT vs. CXR, steroids, atypical coverage, and optimal antibiotic duration
- Procalcitonin for stopping antibiotics in the ICU
- New therapies for influenza
- New antibiotics for highly drug-resistant organisms in 2019
- Early switch to oral antibiotics in left-sided endocarditis
- New data on oral antibiotics for *Staph aureus* bacteremia
- Bacteremia that should prompt a colonoscopy: *Strep bovis* and beyond
- Reducing mortality from ESBL bacteremia
- Cellulitis: Things we do for no reason
- New guidelines for *C. difficile* management
- Is qSOFA enough for identifying sepsis?
- Do indwelling urinary catheters need to be exchanged in UTI?

PERI-OP

- Are we undertreating osteoporosis in hip fracture patients?
- Endocarditis from non-dental procedures?
- New data on the importance of detecting perioperative MI
- Newest data on perioperative anticoagulation, aspirin, ACE inhibitors, and beta blockers

PULMONARY

- Should we be stopping inhaled corticosteroids in COPD with pneumonia?
- New biologic options for asthma: Anti-IgE, anti-IL4 and anti-IL5 blockers
- Supplemental oxygen: Use with caution in critical illness

RENAI

- Rethinking contrast-associated acute kidney injury
- Timing of renal replacement therapy in shock
- Lactated Ringer's vs. saline in the ICU
- Pearls for managing access in hospitalized ESRD patients

RHEUMATOLOGY

- Diagnostic pearls: Exam, arthrocentesis, and laboratory tests
- Recognizing rheumatologic emergencies
- How to avoid a crash landing: Transitioning acute gout management on discharge

STROKE

- New data on dual antiplatelet therapy in stroke and TIA
- Managing stroke in 2019: Beyond the TPA window
- New modality in ischemic stroke: Perfusion CT to assess salvageable penumbra
- Is MRI useful in patients with stroke of unknown onset?
- In the community: When to transfer for endovascular therapy

AMERICAN ACADEMY OF FAMILY PHYSICIANS
This Live activity, Update in Hospital Medicine 2019, with a beginning date of 10/28/2019, has been reviewed and is acceptable for up to 26.75 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 2.50 credits of Risk Management Study. This includes 1.75 credits of Opioid Education and Pain Management Training and .75 credits in End-of-Life Care Studies. Please check your individual state licensing board requirements before claiming these credits.

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.

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 Credit™ 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.
Who Should Attend
Hospitalists
Internists
Family Physicians
Nurse Practitioners
Physician Assistants
... and other clinicians caring for hospitalized patients

Course Description
Hospital medicine requires a vast knowledge base, including thousands of annual publications and rapidly evolving standards of care. For the busy hospitalist, staying current can be challenging. To help meet this need, Brigham and Women's Hospital, with faculty from Harvard Medical School, offers the 12th annual Update in Hospital Medicine.

This intensive 3-day course reviews fundamentals and practice-changing updates across 33 core topics in hospital medicine. In a case-based format, leading Harvard Medical School faculty address everyday questions with recent evidence, guidelines, and expert opinion. The focus is on practical management of common problems.
Learning Objectives
Upon completion of this course, participants will be able to apply the following:

• Best practices for common problems in hospital medicine
• Seminal studies and updates in the evidence
• Recent guideline recommendations
• Expert opinions where the data are lacking
• Pearls for interpreting common diagnostic studies

Disclosure Policy: Harvard Medical School (HMS) adheres to all ACCME Accreditation Criteria 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.

Monday • October 28

6:00am - 7:00am
Registration and Continental Breakfast

7:00am - 7:15am
Welcome and Introductions

7:15am - 8:05am
DOACs: What a Hospitalist Needs to Know
Alfred Lee, MD, PhD

8:05am - 8:55am
Current Strategies and Controversies in Addiction Medicine
Sarah E. Wakeman, MD

8:55am - 9:40am
Best Practices in Delirium Prevention and Treatment
David J. Wolfe, MD, MPH

9:40am - 9:55am Break

9:55am - 10:45am
Recent Advances in Heart Failure
Anju Nohria, MD

10:45am - 11:25am
Rapid-Fire Hematology Cases for the Hospitalist
Aric D. Parnes, MD

11:25am - 12:45pm Break for lunch on your own*

12:45pm - 1:35pm
Evidence-Based Management of COPD/Asthma
Scott L. Schissel, MD, PhD

1:35pm - 2:15pm
Can’t-Miss ECG Cases for Hospitalists
Sanjay Divakaran, MD

2:15pm - 2:30pm Break

2:30pm - 3:15pm
HIV for Hospitalists
Paul E. Sax, MD

3:15pm - 4:15pm
Evidence-Based Approaches to Inpatient Hyperglycemia
Nadine E. Palermo, DO

4:15pm - 4:30pm Break

4:30pm - 5:20pm
Recent Advances in the Management of Neurologic Emergencies
Galen V. Henderson, MD

5:20pm - 6:10pm
Current and Emerging Concepts for Preoperative Evaluation
Adam C. Schaffer, MD

Please note that this course sold out the past four years. To be assured a place in the 2019 program, early registration is strongly advised.

Register at HospitalMedicine.HMSCME.com
### Agenda

#### Tuesday • October 29

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<th>Time</th>
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<tr>
<td>6:00am - 7:00am</td>
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| 7:00am - 7:50am | Best Practices in Pain and Palliative Care                           
|              | Joshua R. Lakin, MD                                                  |
| 7:50am - 8:40am | Update in Atrial Fibrillation                                         
|              | Yee-Ping Sun, MD                                                    |
| 8:40am - 9:35am | Practical Approaches to Pancreatobiliary Disease Management         
|              | Linda S. Lee, MD                                                    |
| 9:35am - 9:50am | Break                                                              |
| 9:50am - 10:35am | Update in Atrial Fibrillation                                         
|              | Yee-Ping Sun, MD                                                    |
| 10:35am - 11:35am | Current Strategies and Common Questions in the Management of Urinary Tract Infections  
|              | Sigal Yawetz, MD                                                    |
| 11:35am - 12:55pm | Break for lunch on your own*                                        |
| 12:55pm - 1:35pm | Allergy 101: Drug Allergies and Other Common Consults for Hospitalists  
|              | Paige G. Wickner, MD, MPH                                            |
| 1:35pm - 2:25pm | High-Yield Rheumatology for the Hospitalist                          
|              | Derrick J. Todd, MD, PhD                                             |
| 2:25pm - 2:40pm | Break                                                              |
| 2:40pm - 3:20pm | Update in Acute Kidney Injury                                        
|              | Emily S. Robinson, MD, MPH                                            |
| 3:20pm - 4:10pm | Cirrhosis for the Hospitalian                                        
|              | Anna E. Rutherford, MD, MPH                                          |
| 4:10pm - 4:25pm | Break                                                              |
| 4:25pm - 5:15pm | Evidence-Based Management of Acute Coronary Syndromes               
|              | Marc S. Sabatine, MD, MPH                                            |
| 5:15pm - 5:45pm | Update in C. difficile                                               
|              | John J. Ross, MD                                                    |
| 5:45pm - 6:35pm | Common Consult Questions for Skin and Soft Tissue Infections       |
|              | Adam D. Lipworth, MD                                                |

#### Wednesday • October 30

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| 7:00am - 8:00am | Rapid-Fire Electrolyte Cases for the Hospitalist: Na, Ca           
|              | David A. Krakow, MD                                                 |
| 8:00am - 8:55am | Rapid-Fire Lab Interpretation for the Hospitalist                   
|              | David A. Krakow, MD                                                 |
| 8:55am - 9:35am | The Hemodialysis Patient: What a Hospitalist Needs to Know         
|              | Finnian R. McCausland, MBBCh, MMSc                                  |
| 9:35am - 9:50am | Break                                                              |
| 9:50am - 10:45am | Current Approaches in the Management of Venous Thromboembolism     
|              | Samuel Z. Goldhaber, MD, MD                                          |
| 10:45am - 11:35am | GI Bleed: What a Hospitalist Needs to Know                          
|              | Tyler M. Berzin, MD                                                 |
| 11:35am - 12:55pm | Break for lunch on your own*                                        |
| 12:55pm - 1:40pm | Sepsis: An Evidence-Based Update                                    
|              | Rebecca M. Baron, MD                                                |
| 1:40pm - 2:35pm | Can’t-Miss Radiology Diagnoses                                      
|              | Jennifer W. Uyeda, MD                                               |
| 2:35pm - 2:50pm | Break                                                              |
| 2:50pm - 3:40pm | Improving the Evaluation and Management of Syncope                  
|              | Kapil Kumar, MD                                                    |
| 3:40pm - 4:25pm | Diagnosis and Management of Pneumonia in the Hospitalized Patient   
|              | Michael Klompas, MD                                                 |
| 4:25pm - 5:10pm | Bacteremia/Endocarditis: An ID Approach                             
|              | Michael Klompas, MD                                                 |

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.

*There are many convenient and varied lunch options within a short walking distance of the course.
Accommodations
Boston Marriott Copley Place has reserved a block of discounted rooms for course participants.

Important to note:
• The number of discounted rooms is limited.
• Discounted rooms are available on a first-come, first-served basis.
• The discounted room rate is only available until October 7, 2019, or until the block sells out, which typically occurs well before this date.

To reserve your room:
• **Online**: To reserve your room online, please visit the Venue page of the course website at HospitalMedicine.HMSCME.com/Venue and use the dedicated reservation link.
• **By phone**: If you are calling the hotel rather than using the dedicated link to request a discounted room, please call 1-877-901-2079 and be sure to specify that you are enrolled in Update in Hospital Medicine.