



MAYO SCHOOL OF CONTINUOUS PROFESSIONAL DEVELOPMENT

# Mayo Clinic Hospital Medicine: Managing Complex Patients



Wednesday – Saturday | November 2-5, 2016  
OMNI SCOTTSDALE RESORT & SPA AT MONTELUCCIA  
SCOTTSDALE, ARIZONA

## GUEST FACULTY

Daniel D. Dressler, M.D., M.Sc., S.F.H.M., F.A.C.P.  
Professor of Medicine, Emory University School of Medicine  
Atlanta, Georgia

## Course Highlights

- > Interactive case-based presentations
- > Clinical updates on important inpatient topics
- > Review of current literature
- > ABIM MOC – 2016 Update in Hospital Medicine (optional)
- > Point-of-Care Ultrasound and Bedside Procedures Workshop (optional)



# General Information

## COURSE DESCRIPTION

Hospital Medicine is the fastest growing medical specialty and requires a diverse skill set. Hospital-based health care providers must be able to diagnose and manage a wide variety of clinical conditions, coordinate transitions of care, provide perioperative management to surgical patients and contribute to quality improvement and hospital administration.

This program has been specifically designed to ensure that participants augment their skill set to meet these many challenges in an effort to enhance the delivery of health care and provide better patient outcomes. Using an interactive, case-based format, key highlights from most major areas of hospital medicine will be presented.

To maximize your time away from the office, this course offers the following optional educational activities:

- American Board of Internal Medicine Maintenance of Certification Learning Session – 2016 Update in Hospital Medicine
- Point-of-Care Ultrasound and Bedside Procedures Workshop

See “Optional Educational Activities” panel for complete details.

## COURSE LEARNING OBJECTIVES

Upon completion of this activity, participants should be able to:

- Define sepsis according to most recent clinical guidelines.
- Apply a high-value, cost-conscious approach when evaluating syncope in the hospital.
- Select which patients with acute lower gastrointestinal bleeding require colonoscopy in the hospital.
- List indications for subspecialty consultation in the management of atrial fibrillation.
- Develop an approach to the evaluation of seizure in the hospital.
- Select appropriate management strategies for preventing pressure ulcers.
- Develop a differential diagnosis for non-infectious causes of pneumonia.
- Evaluate a glomerular disease in a hospitalized patient.
- Identify strategies to reduce burnout.

Attendance at this Mayo Clinic course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.

## INTENDED AUDIENCE

This program is designed for inpatient care providers including physicians, nurse practitioners and physician assistants. Hospitalists are defined as those who spend most of their professional practice caring for hospitalized patients. Internal Medicine and Family Practice, among others, are specialties that have practitioners who care for hospitalized patients.

## CREDIT

Mayo Clinic College of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Mayo Clinic College of Medicine designates this live activity for a maximum of 25.0 *AMA PRA Category 1 Credits*<sup>™</sup> (18 general course, 2.5 ABIM maintenance of certification session; and 4.5 ultrasound workshop). Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**AAFP:** Application for CME credit has been filed with the American Academy of Family Physicians. **Determination of credit is pending.**

**AOA:** This program has been accredited by the American Osteopathic Association for 25 credits of AOA Category 2-A.

## Other Health Care Professionals

A record of attendance will be available to other health care professionals for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.

# General Information

## MEETING LOCATION & ACCOMMODATIONS

### Omni Scottsdale Resort & Spa at Montelucia

4949 East Lincoln Drive

Scottsdale, Arizona 85253

Web: [www.montelucia.com](http://www.montelucia.com)

Telephone: (800) 843-6664 or (480) 627-3200

**Reservations:** [www.omnihotels.com/hotels/scottsdale-montelucia/meetings/mayo-hospital-medicine](http://www.omnihotels.com/hotels/scottsdale-montelucia/meetings/mayo-hospital-medicine)

Nestled at the foot of Camelback Mountain and surrounded by the Sonoran Desert, the Omni Scottsdale Resort and Spa at Montelucia brings the essence of Europe to the heart of Scottsdale. Reminiscent of a small Andalusian village with arching entryways, splashing fountains and floral walkways, the resort beckons guests to slow down and take in all the pleasures of its surroundings.

A special group rate of \$249 (USD), per room per night, plus applicable city and state sales tax, single or double occupancy, is extended to course participants and guests. Group rates apply three days prior to and three days following the course dates, based upon availability. Resort fee is waived. Guest room high speed internet, access to fitness center and self-parking is complimentary.

Make your reservation before the room block fills or before October 10, 2016, via website, [www.omnihotels.com/hotels/scottsdale-montelucia/meetings/mayo-hospital-medicine](http://www.omnihotels.com/hotels/scottsdale-montelucia/meetings/mayo-hospital-medicine), or telephone, (800) 843-6664, and reference "Mayo Clinic Hospital Medicine."

Attendees are responsible for their own reservations. The standard hotel reservation cancellation policy will apply to individual reservations unless otherwise specified.

## GROUND TRANSPORTATION

**Hertz** is offering a reduced daily rate for course registrants. Visit Hertz online at <http://tinyurl.com/Mayo-ClinicHertz> (CV# 03NR0011). Special rates include unlimited mileage and are subject to availability. Advance reservations are recommended; blackout dates may apply.

**SuperShuttle** vans offer airport transportation to and from area hotels and businesses. To make reservations, visit [www.supershuttle.com](http://www.supershuttle.com) or call (800) 258-3826 or (602) 244-9000.

Travel arrangements are the sole responsibility of the individual registrant.

## RECREATION/LEISURE ACTIVITIES

Visit [www.visitphoenix.com](http://www.visitphoenix.com) or [www.experiencescottsdale.com](http://www.experiencescottsdale.com) for leisure activities.

## GRANTS AND EXHIBITS

At the time of this printing, a complete listing of commercial supporters (financial or in-kind) was not available. Appropriate acknowledgment will be given to all supporters at the time of the meeting.

Exhibits will be available for viewing at all scheduled breaks.

## AMERICANS WITH DISABILITIES ACT

Mayo Clinic College of Medicine fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please notify us at least two weeks prior to the activity.

Email address: [mca.cme@mayo.edu](mailto:mca.cme@mayo.edu)





# Optional Educational Activities

## AMERICAN BOARD OF INTERNAL MEDICINE MAINTENANCE OF CERTIFICATION LEARNING SESSION 2016 UPDATE IN HOSPITAL MEDICINE

Thursday, November 3, 2016 • 1:30-4:00 p.m. • Fee: \$150

*Pre-registration required*

### DESCRIPTION AND LEARNING OBJECTIVES

The American Board of Internal Medicine (ABIM) Maintenance of Certification (MOC) Medical Knowledge Module for 2016 Update in Hospital Medicine contains 30 multiple-choice questions and is worth 10 MOC points. The primary purpose of the learning session is to facilitate completion of the ABIM MOC Medical Knowledge Module by board-certified internists in order to receive MOC credit. Expert faculty analyze each module question, review current evidence and key points and summarize clinical pearls. Session attendees actively participate using an audience response system and verbalize their understanding of current evidence.

After completion of this learning session, the attendee can go online to obtain MOC credit from ABIM. An additional fee applies. For those not enrolled in ABIM's MOC program, the learning session provides an excellent opportunity to earn continuing medical education credit directly from Mayo Clinic.

Upon completion of this activity, participants should be able to:

- Discuss recent updates in hospital medicine.
- Complete the ABIM 2016 Hospital Based Medicine module.
- Synthesize recent changes in ABIM MOC process.

### Thursday, November 3, 2016

1:30 p.m. **ABIM MOC Learning Session – 2016 Update in Hospital Medicine**  
Meltiady Issa, M.D., M.B.A., and James (Jamie) S. Newman, M.D.

4:00 **Adjourn**



View of  
Camelback Mountain  
from guest room

# Optional Educational Activities

## POINT-OF-CARE ULTRASOUND AND BEDSIDE PROCEDURES WORKSHOP

Friday, November 4, 2016 • 12:30-5:30 p.m. • Fee: \$400 (lunch included)

*Space is limited; early registration advised*

*Pre-registration required*

### DESCRIPTION AND LEARNING OBJECTIVES

This workshop will feature the most practical applications of bedside ultrasound (US) in daily patient care. Applications will combine point-of-care US, with emphasis on dynamic cardio-pulmonary evaluation and US-assisted bedside procedures, including central line placement, thora- and paracentesis. Guided by experienced bedside instructors, participants will perform cardiac, pulmonary, abdominal and vascular US on simulation trainers as well as live models.

Instructors will begin with an introduction of basic physics and “knobology” focusing on the process of obtaining standard window images and their interpretation and incorporation into the process of clinical decision-making. This workshop is designed as an introductory offering, but we will meet your needs based on your previous experience.

Upon completion of this activity, participants should be able to:

- Visualize the heart in at least two different windows and assess global contractility.
- Identify the pericardium and describe the appearance of a pericardial effusion.
- Visualize the inferior vena cava and estimate central venous pressure based on measurement of the diameter and collapsibility.
- Visualize the internal jugular vein and femoral vein and demonstrate how to distinguish from the tandem artery and place central venous catheter.
- Visualize and recognize normal anatomy and physiology of pleura and underlined lungs.
- Identify pleural effusion and perform thoracentesis.
- Visualize the liver, spleen, kidney, bladder and identify free intra-abdominal fluid and perform paracentesis.

### Friday, November 4, 2016

12:30 p.m. **Lunch** (provided)

1:00 **Introduction to Point-of-Care Ultrasound and  
Bedside Procedures Workshop**

Ilko V. Ivanov, M.D. and Michael J. Maniaci, M.D.

1:30 **Point-of-Care Ultrasound and Bedside Procedures Workshop –  
Station Rotations**

Shari I. Brand, M.D., Hannelisa E. Callisen, P.A.-C.,

Neil Hay-Roe, M.D., Dana Herrigel, M.D., Ilko V. Ivanov, M.D.,

James Kelley, M.D., Stacy L. Libricz, M.P.A.S., P.A.-C.,

Steven A. Maher, M.D., Michael J. Maniaci, M.D.,

Ricardo J. Pagan, M.D., Sarah W. Robison, M.D.,

Christopher F. Stewart, M.D., Monia E. Werlang, M.D., and

Joseph P. Wood, M.D.

5:30 **Adjourn**

Attendance at this workshop will improve knowledge and clinical skills, but will not certify or guarantee competence or proficiency in the performance of these procedures.

# Program

## Wednesday, November 2, 2016

- 7:00 a.m. **Registration, Continental Breakfast and Exhibits**
- 7:40 **Welcome and Introductions** . . . . . John T. Ratelle, M.D.
- 7:45 **Challenges in Atrial Fibrillation** . . . . . Siva K. Mulpuru, M.D.
- 8:15 **Updates in Perioperative Medicine** . . . . . Michael J. Maniaci, M.D.
- 8:45 **Glomerular Disease in the Hospital** . . . . . Suzanne M. Norby, M.D.
- 9:15 **Acute Lower GI Bleeding** . . . . . Sarah B. Umar, M.D.
- 9:45 **Question and Answer**  
Siva K. Mulpuru, M.D., Michael J. Maniaci, M.D.,  
Suzanne M. Norby, M.D., and Sarah B. Umar, M.D.
- 10:00 **Refreshment Break and Exhibits**
- 10:15 **The Push and Pull of Daily Practice: Efficiently Finding  
and Using Electronic Evidence to Guide Clinical Practice and  
Affect Care Quality** . . . Daniel D. Dressler, M.D., M.Sc., S.F.H.M., F.A.C.P.
- 11:00 **Updates in Sepsis** . . . . . Daniel L. Roberts, M.D.
- 11:30 **Hospital Geriatrics** . . . . . Donna M. Miller, M.D.
- Noon **Small Bowel Obstruction** . . . . . Alyssa B. Chapital, M.D., Ph.D.
- 12:30 p.m. **Question and Answer**  
Daniel D. Dressler, M.D., M.Sc., S.F.H.M., F.A.C.P., Daniel L. Roberts, M.D.,  
Donna M. Miller, M.D., and Alyssa B. Chapital, M.D., Ph.D.
- 12:45 **Adjourn**
- 5:00-6:30 **Welcome Reception**

## Thursday, November 3, 2016

- 7:00 a.m. **Continental Breakfast and Exhibits**
- 7:40 **Announcements**
- 7:45 **Effective, Efficient and Prudent Syncope  
Evaluation** . . . . . Daniel D. Dressler, M.D., M.Sc., S.F.H.M., F.A.C.P.
- 8:30 **Choices, Chances, Changes:  
The Shifting Sands of Fluid Resuscitation** . . . . . Ayan Sen, M.D.
- 9:00 **Hypoglycemia in the Hospital** . . . . . Bithika M. Thompson, M.D.
- 9:30 **Challenges in Hyponatremia** . . . . . Leslie F. Thomas, M.D.
- 10:00 **Question and Answer**  
Daniel D. Dressler, M.D., M.Sc., S.F.H.M., F.A.C.P., Ayan Sen, M.D.,  
Bithika M. Thompson, M.D., and Leslie F. Thomas, M.D.
- 10:15 **Refreshment Break and Exhibits**
- 10:30 **Reducing Readmissions** . . . . . M. Caroline Burton, M.D.
- 11:00 **Oncologic Emergencies** . . . . . Holly L. Geyer, M.D.
- 11:30 **Physical Exam** . . . . . James (Jamie) S. Newman, M.D.
- Noon **Palliative Medicine Pearls** . . . . . Sara E. Wordingham, M.D.
- 12:30 p.m. **Question and Answer**  
M. Caroline Burton, M.D., Holly L. Geyer, M.D.,  
James (Jamie) S. Newman, M.D., and Sara E. Wordingham, M.D.
- 12:45 **Adjourn**

### OPTIONAL EDUCATIONAL ACTIVITY

(see Optional Educational Activities panel for additional information)

- 1:30-4:00 **American Board of Internal Medicine  
Maintenance of Certification Learning Session  
2016 Update in Hospital Medicine**  
Meltiadi Issa, M.D., M.B.A., and James (Jamie) S. Newman, M.D.

# Program

## Friday, November 4, 2016

- 7:00 a.m. **Continental Breakfast and Exhibits**
- 7:40 **Announcements**
- 7:45 **Functional GI Disorders in the Hospital** . . . . . Amindra S. Arora, M.B., B.Chir.
- 8:15 **Grit: Rx for Personal and Professional Survival: Lessons from the Loft, Lean In, Taylor Swift and The Huffington Post** . . . . . Edward T. Creagan, M.D., F.A.A.H.P.M.
- 8:45 **Seizures** . . . . . Joseph F. Drazkowski, M.D.
- 9:15 **Practical Guide to the Challenges with Non-Invasive Ventilation.** . . . . . John G. Park, M.D.
- 9:45 **Question and Answer**  
Amindra S. Arora, M.B., B.Chir., Edward T. Creagan, M.D., F.A.A.H.P.M., Joseph F. Drazkowski, M.D., and John G. Park, M.D.
- 10:00 **Refreshment Break and Exhibits**
- 10:15 **Update in Hospital Medicine** . . . . . A. Scott Keller, M.D.
- 11:00 **Pressure Ulcers** . . . . . Alanna M. Rebecca, M.D.
- 11:30 **Introduction to Ultrasound** . . . . . Joseph P. Wood, M.D.
- Noon **Question and Answer**  
A. Scott Keller, M.D., Alanna M. Rebecca, M.D., and Joseph P. Wood, M.D.
- 12:30 p.m. **Adjourn**

### OPTIONAL EDUCATIONAL ACTIVITY

(see Optional Educational Activities panel for additional information)

- 12:30-5:30 **Point-of-Care Ultrasound and Bedside Procedures Workshop**  
Shari I. Brand, M.D., Hannelisa E. Callisen, P.A.-C., Neil Hay-Roe, M.D., Dana Herrigel, M.D. Ilko V. Ivanov, M.D., James Kelley, M.D., Stacy L. Libricz, M.P.A.S., P.A.-C., Steven A. Maher, M.D., Michael J. Maniaci, M.D., Ricardo J. Pagan, M.D., Sarah W. Robison, M.D., Christopher F. Stewart, M.D., Monia E. Werlang, M.D., and Joseph P. Wood, M.D.

## Saturday, November 5, 2016

- 7:00 a.m. **Continental Breakfast and Exhibits**
- 7:40 **Announcements**
- 7:45 **Approach to the Patient with Acute Hepatitis** . . . William Sanchez, M.D.
- 8:15 **Dermatology Pearls for the Hospitalist.** . . . . . Amit Sharma, M.D.
- 8:45 **Rheumatologic Emergencies – The Acutely Swollen Joints and Beyond** . . . . . Ashima Makol, M.B.B.S.
- 9:15 **Clostridium Difficile** . . . . . Robert Orenstein, D.O.
- 9:45 **Question and Answer**  
William Sanchez, M.D., Amit Sharma, M.D., Ashima Makol, M.B.B.S., and Robert Orenstein, D.O.
- 10:00 **Refreshment Break and Exhibits**
- 10:15 **Infections in Travelers** . . . . . Steven S. Krotzer, M.D., D.T.M.H., M.P.H.
- 10:45 **Non-Infectious Pneumonia** . . . . . Laszlo T. Vaszar, M.D.
- 11:15 **Alcohol Withdrawal Syndrome** . . . . . John T. Ratelle, M.D.
- 11:45 **Question and Answer**  
Steven S. Krotzer, M.D., D.T.M.H., M.P.H., Laszlo T. Vaszar, M.D., and John T. Ratelle, M.D.
- Noon **Closing Comments, Evaluation and Adjourn**

## COURSE DIRECTOR

John T. Ratelle, M.D.

## COURSE CO-DIRECTORS

Ilko V. Ivanov, M.D.

James (Jamie) S. Newman, M.D.

## GUEST FACULTY

Daniel D. Dressler, M.D., M.Sc., S.F.H.M., F.A.C.P.

Professor of Medicine

Director, Internal Medicine Teaching Services, Emory University Hospital  
Associate Program Director, J Willis Hurst Internal Medicine Residency Program

Co-Director, Semmelweis Society

Emory University School of Medicine

Atlanta, Georgia

## MAYO CLINIC FACULTY

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**FACULTY DISCLOSURE:** As a provider accredited by ACCME, Mayo Clinic College of Medicine (Mayo School of Continuous Professional Development) must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course director(s), planning committee, faculty, and all others who are in a position to control the content of this educational activity are required to disclose all relevant financial relationships with any commercial interest related to the subject matter of the educational activity. Safeguards against commercial bias have been put in place. Faculty also will disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of this information will be published in the course materials so those participants in the activity may formulate their own judgments regarding the presentation.

## NATIONAL PHYSICIAN PAYMENT TRANSPARENCY PROGRAM

Mayo Clinic College of Medicine complies with the requirements of the National Physician Payment Transparency Program OPEN PAYMENTS (Physician Payments Sunshine Act).



# Registration

To register, visit <https://ce.mayo.edu/hospmed2016>. The general course registration fee includes tuition, access to online course syllabus, continental breakfast and break refreshments each day and welcome reception. A link to the online syllabus will be sent via email one week prior to the course. This allows you to view, save or print the syllabus before attending the course.

## \$75 DISCOUNT FOR EARLY REGISTRATION

[www.ce.mayo.edu/hospmed2016](http://www.ce.mayo.edu/hospmed2016) by September 30, 2016

### GENERAL COURSE

	On/Before 9/30/16	After 9/30/16
Physicians Active in Practice	\$700	\$775
Other ( <i>resident, retired, allied health</i> )	\$600	\$675

### OPTIONAL EDUCATIONAL ACTIVITIES

ABIM MOC Learning Session (Thursday, November 3, 2016)		\$150
Point-of-Care Ultrasound and Bedside Procedures Workshop (Friday, November 4, 2016)		\$400

### WELCOME RECEPTION

Wednesday, November 2, 2016, 5:00-6:30 p.m.

*2 tickets included in registration fee. Additional tickets available for purchase:*

Adult – \$50 each    Child 5-12 years – \$20    Child 0-4 years – No charge

An email confirmation will be sent upon receipt of payment and completed registration. If you do not receive your confirmation, or if you have questions, please email us at [mca.cme@mayo.edu](mailto:mca.cme@mayo.edu) or call (480) 301-4580.

No refund will be granted unless a written notice of cancellation is received. If registration must be canceled, tuition less a \$75 administrative fee will be refunded when notification is received on or before October 19, 2016. No refunds will be made after this date. Canceled registrations are non-transferable.

Although it is not Mayo Clinic's policy to limit the number of registrants for a course, conference room facilities may necessitate closure of enrollment. Early registration is encouraged. Walk-in registrations cannot be guaranteed.

Mayo School of Continuous Professional Development (MSCPD) reserves the right to cancel or postpone any course due to unforeseen circumstances. In the unlikely event that MSCPD must cancel or postpone this course, MSCPD will fully refund the registration fee, but is not responsible for any related costs, charges or expenses to participants, including fees assessed by airline, travel or lodging agencies.

MSCPD will not be responsible for expenses incurred by individuals who are not confirmed for courses with a closed registration status. Costs incurred by the registrant such as airline or hotel fees or penalties are the responsibility of the registrant.

### For additional information, contact:

Mayo School of Continuous Professional Development

13400 East Shea Boulevard • Scottsdale, Arizona 85259

Website: [ce.mayo.edu](http://ce.mayo.edu) • E-mail: [mca.cme@mayo.edu](mailto:mca.cme@mayo.edu) • Phone: (480) 301-4580



Mayo Clinic  
13400 East Shea Boulevard  
Scottsdale, Arizona 85259

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**\$75 DISCOUNT** when you register online at  
[www.ce.mayo.edu/hospmed2016](http://www.ce.mayo.edu/hospmed2016) by September 30, 2016

For more information, contact Mayo School of Continuous Professional Development  
Website: <https://ce.mayo.edu> • E-mail: [mca.cme@mayo.edu](mailto:mca.cme@mayo.edu) • Phone: 480-301-4580

## Mayo Clinic Hospital Medicine: Managing Complex Patients 2016

November 2-5, 2016

Omni Scottsdale Resort & Spa at Montelucia  
Scottsdale, Arizona



The Mayo Clinic CME app puts everything you need to know about the course directly onto your mobile device. App highlights include accessing presentation slides and taking notes directly on the slides.

A step-by-step guide to using the Mayo Clinic CME App will be provided to all course participants prior to the course.

**For additional Mayo Clinic CME activities,  
visit [www.ce.mayo.edu](http://www.ce.mayo.edu).**

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