Agenda

Friday, September 13, 2019

6:30 a.m. - 5:15 p.m.  Registration

6:30 - 7:30 a.m.  Breakfast (Provided)

7:30 - 7:45 a.m.  Hospital Medicine 101 Pre-Course: Welcome From Course Directors  
(Separate registration required.)

7:45 - 8:45 a.m.  Hospital Medicine 101 Pre-Course: Lab Rats to the Rescue: A Quick Review of Lab Medicine  
(Separate registration required.)  
Andrew Herber, PA-C

At the conclusion of this session, participants should be able to:

- Interpret abnormal lab values commonly found in hospitalized patients
- Determine a differential diagnosis for specific lab abnormalities
- Develop a strategic approach to ordering labs in hospitalized patients

8:45 - 9:45 a.m.  Hospital Medicine 101 Pre-Course: Abdominal Imaging Review: The Basics  
(Separate registration required.)  
Kyle K. Jensen, MD

At the conclusion of this session, participants should be able to:

- Identify basic anatomy on an abdominal and pelvic radiograph
- Better identify normal from abnormal abdominal radiographs
- Identify basic anatomy of the abdomen on computed tomography imaging

9:45 - 10 a.m.  Break

10 - 11 a.m.  Hospital Medicine 101 Pre-Course: Electrolytes on Wall Street: Managing the Highs and Lows  
(Separate registration required.)  
Andrew Herber, PA-C

At the conclusion of this session, participants should be able to:

- Differentiate different causes of hyponatremia
- Discuss management of hyperkalemia
• Identify common medications used to treat electrolyte abnormalities

11 a.m. - 12 p.m.  
**Hospital Medicine 101 Pre-Course: Chest Imaging 101**  
*(Separate registration required.)*

Gopal Allada, MD

At the conclusion of this session, participants should be able to:
• Identify thoracic imaging anatomy
• Define basic chest imaging terminology regarding pattern and distribution
• Recognize common chest imaging conditions seen in hospitalized patients
• Determine proper positioning of NG tubes, central catheters and PICC lines
• Determine indications and risks for chest CT imaging including acute pulmonary emboli

1 - 5:15 p.m.  
**Bedside Ultrasound Pre-Course**  
*(Separate registration required.)*

Adrijana Anderson, PA-C and Andrew Walker, PSM, MS, PA-C

At the conclusion of this session, participants should be able to:
• Outline the uses of bedside ultrasound, and discuss the advantages and disadvantages
• Explain the basic principles of how the ultrasound machine works
• List the goals of limited cardiac ultrasound
• Define components of the eFAST exam
• Discuss how to perform other types of ultrasound including lung, vascular, MSK, etc.

1 - 1:15 p.m.  
**Pharmacology Review Pre-Course: Welcome From Course Directors**  
*(Separate registration required.)*

1:15 - 2 p.m.  
**Pharmacology Review Pre-Course: Medication Safety and Safe Prescribing**  
*(Separate registration required.)*

Ali Olyaei, PharmD

At the conclusion of this session, participants should be able to:
• Identify important drug interactions between medications commonly prescribed in hospitalized patients
• Identify medications that can cause QTc prolongation
• Discuss medication considerations in the elderly
• Review important cost considerations pertaining to medications commonly prescribed in hospitalized patients

2 - 3 p.m. 

Pharmacology Review Pre-Course: Love the One You’re With: Antibiotics in the Hospitalized Patient *(Separate registration required.)*

David T. Bearden, PharmD, FIDP, FCCP

At the conclusion of this session, participants should be able to:
• List the spectrum of activity and major side effects for antibiotics commonly used in hospital settings
• Choose appropriate durations of therapy for commonly encountered hospital infections
• Select effective antimicrobial regimens for patients infected with commonly encountered organisms including MRSA, C. difficile, VRE, and Pseudomonas species

3 - 3:15 p.m. 

Break

3:15 - 4 p.m. 

Pharmacology Review Pre-Course: Opioids in the Hospitalized Patient: Friend or Foe? *(Separate registration required.)*

Joseph Bubalo, PharmD, BCPS, BCOP

At the conclusion of this session, participants should be able to:
• Select at least 3 areas of hospital care where the need for analgesia will include opioids, and discuss current approaches to use given the declaration of an opioid crisis in the United States
• Discuss analgesic alternatives and the role of opioids in the hospitalized patient
• Contrast different opioids with regard to dosing, adverse effects, and use in different patient populations

4 - 4:45 p.m. 

Pharmacology Review Pre-Course: Treatment of Hypertension Update 2019 *(Separate registration required.)*

Ali Olyaei, PharmD

At the conclusion of this session, participants should be able to:
• Review the pharmacology of antihypertensive drugs
• Discuss the major indications and adverse drug reactions of antihypertensive drugs
• Identify major drug interactions of commonly used medications
Saturday, September 14, 2019

7 a.m. - 5 p.m.  Registration

7 - 8 a.m.  Exhibits and Breakfast (Provided)

8 - 8:15 a.m.  Welcome From Course Directors

8:15 - 9:15 a.m.  Pneumonia in the Hospitalized Patient

Adrijana Anderson, PA-C

At the conclusion of this session, participants should be able to:

• Differentiate the following types of pneumonia: community-acquired, hospital-acquired, ventilator-associated and aspiration
• Review the diagnostic tools available for hospitalized patients with pneumonia
• Identify when a patient should be transferred to the ICU
• Utilize non-invasive ventilation strategies when appropriate
• Discuss the appropriate treatment of each type of pneumonia

9:15 - 10:15 a.m.  Debugging Sepsis

Andrew Walker, PSM, MS, PA-C

At the conclusion of this session, participants should be able to:

• Describe the pathophysiology of sepsis
• Recognize sepsis early and initiate appropriate therapy quickly
• Discuss novel approaches to sepsis treatment

10:15 - 10:30 a.m.  Exhibits/Break

10:30 - 11:30 a.m.  Infectious Disease Cases for the Hospital Medicine PA/NP

Erin Stutz, PA-C, MPAS

At the conclusion of this session, participants should be able to:

• Recognize the common causes of pneumonia in hospitalized patients
• Evaluate treatment options for immunocompromised patients who warrant additional antimicrobial coverage
• Formulate a plan for the patient presenting with intra-abdominal sepsis and poor source control
• Identify the risk factors for hospital acquired infections
11:30 a.m. - 12:30 p.m.  
**How to Make Friends and Not Hurt Patients: Lessons Learned From Hospital Medicine**

Erik C. Summers, MD

At the conclusion of this session, participants should be able to:
- Identify common causes of medical errors in the inpatient setting
- Name attributes of successful inpatient providers who give excellent patient care
- Note cases where medical errors occurred in the hospital

12:30 - 1:30 p.m.  
**Exhibits and Lunch (Provided)**

1:30 - 2:15 p.m.  
**COPD Management in the Hospitalized Patient**

Gopal Allada, MD

At the conclusion of this session, participants should be able to:
- Recognize and define a COPD exacerbation
- Formulate a COPD exacerbation management plan
- Develop strategies for preventing the exacerbation

2:15 - 3:15 p.m.  
**Perioperative Medicine: Pathways, Pearls, and Myths**

Avital Y. O'Glasser, MD, FACP, FHM

At the conclusion of this session, participants should be able to:
- Introduce the concept of perioperative evaluation and risk assessment
- Review current cardiopulmonary guidelines for preoperative evaluations
- Identify common pitfalls and areas of confusion in perioperative medicine
- Examine the nuances and “grey zones” of the guidelines
- View perioperative medicine as an engaging type of patient care and an exciting opportunity for multidisciplinary involvement

3:15 - 3:30 p.m.  
**Exhibits/Break**

3:30 - 4:15 p.m.  
**Acute Kidney Injury and Common Renal Emergencies in Hospitalized Patients**

Jessica Weiss, MD, MCR

At the conclusion of this session, participants should be able to:
- Describe the most common types of acute kidney injury (AKI) in the hospital
- Differentiate between the two most common types of AKI in the hospital
- Discuss the interpretation of common labs used to evaluate AKI

4:15 - 5 p.m.  
**Altered Mental Status in the Hospitalized Patient**

Jennifer Palermo, MS, PA-C

At the conclusion of this session, participants should be able to:
- Describe an appropriate diagnostic evaluation for a patient with AMS
- Differentiate between patients with dementia and delirium
- Recognize the risk factors for the development of delirium
- Develop strategies for delirium prevention and treatment
- Discuss common toxic substances that could lead to AMS and how to treat them

5 - 6 p.m.  
**Networking Event**

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**Sunday, September 15, 2019**

7 a.m. - 5 p.m.  
**Registration**

7 - 8 a.m.  
**Exhibits and Breakfast (Provided)**

8 - 9 a.m.  
**Clots! Clots! Clots!**

Thomas G. DeLoughery, MD, MACP, FAWM

At the conclusion of this session, participants should be able to:
- Identify hospitalized patients at risk of thrombosis
- Discuss the options for preventing thrombosis
- Discuss the role of anticoagulants, both old and new, in the treatment of thrombosis

9 - 10 a.m.  
**End-of-Life Care for Hospitalized Patients: How to Show Up and What to Bring**

Jeff Myers, PA-C, MMSc, MIH

At the conclusion of this session, participants should be able to:
- Define and discuss the role of primary palliative care for PAs/NPs providing care of hospitalized patients
- Identify how to approach advance care planning and difficult conversations in the hospital
- Discuss best practices for managing symptoms at the end-of-life
• Identify resources and options for care for patients at or near the end-of-life

10 - 10:15 a.m.  Exhibits/Break

10:15 - 11:15 a.m.  A Round of Pain

Kim Mauer, MD

At the conclusion of this session, participants should be able to:
• Discuss the pathophysiology of pain
• Identify the rationale for why certain pain medications are utilized in the hospital
• Properly prescribe pain medications commonly utilized in the hospital
• Discuss procedural interventions used in the hospital
• Discuss the importance of neuroplasticity

11:15 a.m. - 12:15 p.m.  Top Ten Hospital Based Articles of the Past Year

Alan J. Hunter, MD

At the conclusion of this session, participants should be able to:
• Identify the past year’s “AJH Top 10” potentially practice changing or NOT changing articles
• Provide a lite-contextual mini-topic ‘state-of-the evidence’ for each article described
• Apply information from these articles to daily practice

12:15 - 1:15 p.m.  Lunch (Provided)

1:15 - 3 p.m.  First Breakout Session (Choose One)

ABG Interpretation Made Easy

Stephanie Jalaba, MMS, PA-C and Andrew Walker, PSM, MS, PA-C

At the conclusion of this session, participants should be able to:
• Analyze an ABG to determine the primary acid-base disorder
• Recognize compensation and mixed acid-base disorders
• Discuss advanced concepts such as anion gap, corrected gap, and delta gap
• Formulate differential diagnoses for acid-base disorders and apply to clinical scenarios and decision making
Approach to the Neurologic Examination and Clinical Pearls
Mohan Kottapally, MD
At the conclusion of this session, participants should be able to:
• Identify pitfalls of the neurologic examination
• Properly perform all aspects of the neurologic examination
• Discuss coma syndromes and mimics

EKG Review
Benjamin Schultze, PhD, MSN, MEd, ACNP-BC and Ben Hartwig, DNP, AGACNP-BC
At the conclusion of this session, participants should be able to:
• Discuss how electricity flows through the heart and how it affects the EKG
• Utilize an EKG to detect issues with both the right and left sides of the heart
• Identify acute myocardial infarctions
• Identify old myocardial infarctions

Hospital Internal Medicine Meets Critical Care: Patient Cases
Erin Stutz, PA-C, MPAS and Adrijana Anderson, PA-C
At the conclusion of this session, participants should be able to:
• Identify patients who warrant evaluation by a critical care team and discuss early resuscitative measures
• Evaluate the patient with early sepsis
• Recognize acute respiratory failure and review the initial management strategies
• Determine which types of shock can occur simultaneously
• Discuss how an arterial blood gas can assist in clinical decision making

Respiratory Care of the Hospitalized Patient: From Oxygen Delivery Systems to Mechanical Ventilation
Bart Moulton, MD and Admir Beganovic, RRT
At the conclusion of this session, participants should be able to:
• Describe how NIPPV, HFNC, and mechanical ventilation help oxygenation
• Choose the correct type of oxygen delivery for a clinical scenario
• Demonstrate the correct use NIPPV, HFNC, and mechanical ventilation
3 - 3:15 p.m.  
**Break**

3:15 - 5 p.m.  
**Second Breakout Session (Choose One)**
- ABG Interpretation Made Easy
- Approach to the Neurologic Examination and Clinical Pearls
- EKG Review
- Hospital Internal Medicine Meets Critical Care: Patient Cases
- Respiratory Care of the Hospitalized Patient: From Oxygen Delivery Systems to Mechanical Ventilation

**Monday, September 16, 2019**

7 a.m. - 5 p.m.  
**Registration**

7 - 8 a.m.  
**Breakfast (Provided)**

8 - 9:45 a.m.  
**Third Breakout Session (Choose One)**
- ABG Interpretation Made Easy
- Approach to the Neurologic Examination and Clinical Pearls
- EKG Review
- Hospital Internal Medicine Meets Critical Care: Patient Cases
- Respiratory Care of the Hospitalized Patient: From Oxygen Delivery Systems to Mechanical Ventilation

9:45 - 10 a.m.  
**Break**

10 - 11 a.m.  
**When the Pump Crumps: Managing Acute Heart Failure**

Benjamin Schultze, PhD, MSN, MEd, ACNP-BC

At the conclusion of this session, participants should be able to:
- Identify the main causes of acute heart failure
- Initiate medical measures to improve cardiac output
- Identify when advanced therapies are necessary for survival
- Discuss the pharmacological management needed for short and long term management
- Discuss how cardiogenic shock affects the body
11 a.m. - 12 p.m.  
**Pleural Disease and Chest Tube Management**  
Ileana Esquivel, MPAS, PA-C  
At the conclusion of this session, participants should be able to:  
- Identify the etiology, assessment and management of pneumothorax  
- Identify the etiology, assessment and management of empyema  
- Identify the etiology, assessment and management of hemothorax  
- Describe the indications for tube thoracostomy and how different chest drainage systems work  
- Describe the daily management of chest tubes and address common questions and pitfalls  

12 - 1 p.m.  
**Lunch (Provided)**  

1 - 2 p.m.  
**Inpatient Assessment and Management of Acute GI Bleeding**  
Sarah J. Diamond, MD  
At the conclusion of this session, participants should be able to:  
- Perform initial assessment and triage of patients with acute gastrointestinal bleeding  
- Outline the initial stabilization and medical management of patients with GI bleeding prior to endoscopy  
- Outline post-endoscopy management  
- Identify the differential diagnosis and management of acute lower GI bleeding  

2 - 3 p.m.  
**Neurologic Emergencies for Non-Neurologists**  
Mohan Kottapally, MD  
At the conclusion of this session, participants should be able to:  
- Discuss basic neuroanatomy  
- Complete a prompt and proper assessment of someone experiencing a neurologic emergency  
- Outline the management of acute ischemic stroke, hemorrhagic stroke, aneurysmal subarachnoid hemorrhage, increased intracranial pressure, status epilepticus, spinal cord injury, and neuromuscular disorders  

3 - 3:15 p.m.  
**Break**
3:15 - 4:15 p.m.  
**Sugar Tune-Up**

Qian Liya Leng, MD, MPH

At the conclusion of this session, participants should be able to:

- Identify current guidelines for glucose targets in the inpatient setting
- Start insulin at doses that are enough but not too much
- Titrate day to day insulin doses smartly
- Estimate subcutaneous insulin needs based on insulin drip requirements
- Discuss considerations for home medication regimens

4:15 - 5 p.m.  
**Approach to the Patient with Chest Pain**

Stephanie Jalaba, MMS, PA-C

At the conclusion of this session, participants should be able to:

- Differentiate cardiac vs. non-cardiac chest pain
- Apply risk stratification for patients with suspected cardiac chest pain
- Choose appropriate testing for both cardiac and non-cardiac etiologies of chest pain
- Review the treatment of common causes of chest pain

**Tuesday, September 17, 2019**

7 a.m. - 12:45 p.m.  
**Registration**

7 - 8 a.m.  
**Breakfast (Provided)**

8 - 9 a.m.  
**Cardiac Arrhythmias in the Hospitalized Patient**

Robin Miller, DNP, MPH, ACNP

At the conclusion of this session, participants should be able to:

- Identify common arrhythmias in the hospitalized patient
- Recognize life-threatening arrhythmias and describe management
- Discuss anticoagulation strategies

9 - 10 a.m.  
**Inpatient Management of Liver Disease: 10 Things You Should Know**

Jennifer Palermo, MS, PA-C

At the conclusion of this session, participants should be able to:

- Review etiologies of elevated liver chemistries
Discuss the use of MRE
Outline the management of alcoholic hepatitis
Select antibiotics for patients with UGIB and SBP
Describe the TIPS procedure

10 - 10:30 a.m.  Break for Hotel Check-Out
10:30 - 11:30 a.m.  Hazards of Hospitalization for Older Adults: Three Vignettes
Juliana Bernstein, MPAS, PA-C
At the conclusion of this session, participants should be able to:
• Identify hazards of ICU admission and hospital level care that are unique to older adults
• Discuss successful techniques to reduce hospital-associated harm
• Distinguish optimal pharmacologic strategies to manage and prevent delirium in older adults

11:30 a.m. - 12:30 p.m.  Common Oncologic Emergencies
Brandon Hayes-Lattin, MD
At the conclusion of this session, participants should be able to:
• Recognize the subtle presentations of several oncologic emergencies
• Identify the management of common oncologic emergencies
• Appreciate emergencies in the context of overall cancer survival

12:30 - 12:45 p.m.  Closing Remarks

* This agenda may be updated or modified without notification.