Hematologic Disorders

- **Anticoagulation Reversal: Part of the ABCs of Resuscitation**
  10/27/2019 4:30 PM - 4:55 PM
  SU-76
  *Faculty: Michael A. Gibbs, MD, FACEP*
  Anticoagulation complicates the management of many critically ill & injured patients. With the novel anticoagulants that exist, the reversal of these medications has become even more challenging. An approach that emphasizes the early recognition & management of hemorrhages associated with anticoagulations will be discussed.

- **Stop the Bleeding: New Technologies For Hemorrhage Control**
  10/28/2019 8:30 AM - 8:55 AM
  MO-110
  *Faculty: David W. Callaway, MD, FACEP*
  All bleeding stops eventually, but preferably prior to exsanguination. So when the direct pressure with gauze isn't doing the trick, what else is out there? The speaker will introduce the latest & greatest in hemorrhage control technology for use in both the pre-hospital & emergency department settings. Additionally, the speaker will discuss recent advances & literature surround blood replacement products.

- **Disorders of Deranged Platelet: Making Thin Thick Again**
  10/28/2019 1:00 PM - 1:25 PM
  MO-158
  *Faculty: Megan Boysen Osborn, MD, FACEP*
  Patients presenting to the emergency department with low platelets can be a unique challenge to emergency physicians. The differential diagnosis ranges from self-limited to immediately life-threatening. Emergency physicians must be able to differentiate between the various causes of thrombocytopenia in order to provide optimal treatment for critically ill patients. The speaker will discuss the presentation, management, & prognosis for patients with DIC, TTP, HELLP, HIT, ITP, & PTP.

- **Hemostasis Without Direct Pressure: ED Applications of Tranexamic Acid**
  10/29/2019 3:30 PM - 3:55 PM
  TU-298
  *Faculty: Colin G. Kaide, MD, FACEP*
  The WHO lists Tranexamic Acid (TXA) as an “essential medication”, & the drug’s ability to stop bleeding in multiple clinical scenarios may prove to be very useful for the practicing emergency physician. Learn about the pharmacology of this relatively inexpensive medication, & identify how TXA can be used in trauma, GYN, ENT, & other acute ED patients.
• **Thinking Twice About Transfusions: When TACOs & TRALIs Turn Treatment Into Tragedy**
  10/29/2019 4:00 PM - 4:25 PM
  TU-313
  Faculty: Alisa V. Wray, MD
  Over 85 million red blood cell units are transfused worldwide each year & up to 8 percent of cases are complicated by transfusion reactions. While virus transmission is the most widely publicized risk of blood transfusion, complications such as transfusion associated circulatory overload (TACO) & transfusion related acute lung injury (TRALI) occur much more frequently & cause a higher rate of mortality. During this case-based discussion the speaker will highlight six complications of transfusion, focusing on the diagnosis, prevention, & management.

• **Anticoagulants, Antiplatelets, Fibrinolytics...Oh My!**
  10/30/2019 8:00 AM - 8:50 AM
  WE-356
  Faculty: Colin G. Kaide, MD, FACEP
  The last decade has seen an explosion in the number of antithrombotic treatment options available at our fingertips, however this also leads to new questions. Are the latest & greatest really better than the status quo? In which settings should I consider using these agents? What are the bleeding risks? How can I correct or “reverse” the antithrombotic effects of these medications if I’m in a bind? The speaker will highlight what every emergency physician needs to know about antithrombotics.

• **Understanding the "Sick" in Sickle Cell**
  10/30/2019 9:30 AM - 9:55 AM
  WE-347
  Faculty: Alisa V. Wray, MD
  Sickle cell patients are high-risk patients at increased risk for serious life-threatening complications. It is important for emergency physicians to be aware of the sickle cell specific disasters that cause increased morbidity & mortality & to be able to treat them appropriately. The presenter will review the basics of sickle cell & 5 sickle cell complications & their treatments.

• **How to Discharge the PE Patient Safely**
  10/30/2019 12:00 PM - 12:25 PM
  WE-383
  Faculty: Colin G. Kaide, MD, FACEP
  ED providers are experts at detecting pulmonary embolism, but do all patients with PE need to be admitted? The speaker will review the latest evidence regarding factors that make a patient a potential candidate for outpatient treatment & the therapeutic options for anticoagulation, & discuss the pitfalls of sending a patient with a PE home.
• Five Can't Miss Oncologic Emergencies
10/30/2019 12:00 PM - 12:25 PM
WE-381
Faculty: Alisa V. Wray, MD

Cancer patients present a unique, high-risk patient population in the emergency department. Emergency physicians must be aware of five “can’t miss” oncologic emergencies that require early recognition & intervention. The presenter will discuss how to detect & manage critically important conditions like, acute promyelocytic leukemia, tumor lysis syndrome, hyperleukocytosis, spinal cord compression, & febrile neutropenia.