

2019 NCABB Leadership Workshop and Fall Meeting Presentation Information

Sunday, September 15, 2019 Leadership Workshop

12:30-2:30pm ***Conflict Prevention and Resolution***
Catherine Stakeans, MA

Description:

This course focuses on five conflict-handling modes and resolution models used during various kinds of conflicts. The five modes represent a set of useful social skills. We will study the views of conflict, different approaches to conflict situations, and your own preferred conflict management approaches. People can make a significant contribution to the effectiveness of organizations, impact the lives of coworkers, the satisfaction of customers, and the morale of staff by leading people through conflict strategies.

Objectives:

1. Identify the precursors of conflict.
2. Apply the CLEAR and VOMP conflict management and resolution models.
3. Contribute and impact the effectiveness of the organization through applying the five conflict-handling modes for preventing and resolving conflict.

3:15-5:15 pm ***Reacting to Change***
Catherine Stakeans, MA

Description:

Reacting to Change provides theories and models for understanding how people react to change and how to manage change effectively. Change management is a process to help employees accept and embrace organizational change, whether it is adaptation of new technology, a new compliance requirement, or downsizing. Understanding how people react to change and anticipating their reactions, allows leaders and employees to plan accordingly and to set employees and the entire organization up for success.

Objectives:

1. Understand different emotional reactions to change.
2. Utilize different change theories in reacting to and managing change.
3. Plan for change effectively through the use of Kotter's 8-Step Process for Change and the Appreciative Inquiry Model.
4. Developing new ways of reacting to change.

Monday, September 16, 2019

8:00-9:00am ***Pathogen Reduction: Benefits and Challenges***
Thomas Lightfoot, MD

Description:

Discuss the need for Pathogen Reduction (PR) and overview of general principles of PR. Provide an overview of Cerus Intercept Blood System technology to include data/study results regarding efficacy, safety, etc. Current status of American Red Cross with respect to PR implementation. Regulatory guidance/input regarding PR for platelet products and bacterial contamination mitigation. Lastly, challenges and issues with respect to PR implementation.

Objectives:

1. Understand the general principles of PR and the technology for Cerus Intercept Blood System.
2. Current status of PR Platelet products at the American Red Cross.
3. Discuss the benefits and challenges regarding implementation of PR.

9:45-10:45am **Petteway-Shepherd Award Presentation**
Blood transfusion safety: from mass-scale red cell genotyping to new antigens
Gregory Denomme, PhD, FCSMLS(D)

Description:

Molecular immunohematology has transformed the provision of blood to transfusion recipients at risk of forming blood group antibodies.

Objectives:

1. Review how licensed serological reagents and genotyping lead to the discovery of variant antigens.
2. Understand how blood group discrepancies can be an indication of an underlying acquired disease.
3. Describe the difference between antigen matching and genotype (allele) matching.

10:45-12:00pm ***Implementation of a new blood cooler insert and tracking technology and its effect on reducing RBC Wastage***
Emmanuel A. Fadeyi, MD, FCAP

Description:

The use of temperature-validated blood cooler inserts, state-of-the-art real-time tracking technology, and a continued educational initiative may help reduce wastage while maintaining the safety of RBC components. Raising awareness of blood product wastage and educating staff regarding best practices in blood product handling are low-cost interventions with high impact.

Objectives:

1. Discuss the implementation of our new blood cooler insert and tracking technology.
2. Review of our data over the 3-year period of implementation.
3. Present the cost savings.

1:00-2:00pm ***One October Shootings: A Summary of Events and Lessons Learned***
Lois Borowski, MPM, MT(ASCP)SBB

Description:

Discussion of the October 1, 2017 shootings at the Route 91 Harvest Festival from the Mandalay Bay Resort. Participants will learn how the event affected Blood Bank operations. The goal is to teach others how to prepare in advance for a mass casualty event, what to expect during the response and the unresolved issues in the aftermath

Objectives:

1. Identify the strengths associated with the response to the mass casualty event.
2. Discuss the challenges that were identified in the Blood Bank.
3. Summarize the lessons learned.

2:00-3:00pm ***Evaluation and Management of the Trauma Patient: Role of Blood and Blood Products***
Anthony Charles MD, MPH

Description:

Discussion of Trauma Injury Mechanism, initial evaluation of the trauma patient, and the role of blood and blood products in a trauma situation.

Objectives:

1. Understand what happens in a Trauma Bay.
2. The initial evaluation of a trauma patient.
3. Rationale for blood and blood product transfusion

3:45-4:45pm

The Blood Bank's Role in the Care of Trauma Patients
Yara Park, MD

Description:

This session will delve into the blood bank's role in the treatment of trauma and bleeding patients, including the use of pre-hospital transfusion, whole blood, and a variety of plasma products. We will also discuss the obstacles to some of these interventions.

Objectives:

1. Describe the literature regarding massive transfusion blood component ratios.
2. Discuss the advantages and disadvantages of thaws plasma and liquid plasma.
3. Identify obstacles to implementing pre-hospital blood products.

4:45-5:45pm

Blood Bank Remote Refrigeration: You issue the blood so we don't have to
Allison Meyer, MLS(ASCP)^{CM}

Description:

Remote refrigeration can improve the efficiency of some transfusion related tasks. While not a one size fits all solution, remote issue can be a safe and effective tool to reduce blood bank workload, improve blood product management, and reduce time to transfusion.

Objectives:

1. Discuss the potential benefits of remote refrigeration.
2. Discuss potential errors and concerns with remote refrigeration.
3. Discuss costs and savings associated with remote refrigeration.
4. Discuss barriers to implementation and success of remote refrigeration.

Tuesday, September 17, 2019

8:30-9:30am

Baby Steps: Applying Patient Blood Management to Pediatrics
Cyril Jacquot, MD, PhD

Description:

Patient blood management is an evidence– based, interdisciplinary approach to reduce unnecessary transfusions, reduce costs, and improve care. While great strides have occurred in adults, pediatric implementation has been more limited. This talk will present approaches such as maximum blood ordering schedule, transfusion thresholds, and use of coagulation testing.

Objectives:

1. List implementation associated with patient blood management.
2. Describe the benefits of a maximum surgical blood ordering schedule.
3. Explain the use of coagulation testing to guide transfusion therapy.

10:15-11:15am ***It's an Assessment not an Inquisition***
Anne Chenoweth, MBA, MT(ASCP)^{CM}, CQA(ASQ)

Description:

Session designed to explain the most common nonconformances found during AABB assessments as well as how to avoid them. A discussion of the new accreditation database and how to make it a great asset for facilities.

Objectives:

1. List common AABB nonconformances in the Transfusion Services, Donor Services, IRL, CT, MT, and Perioperative services.
2. Provide guidance on steps to avoid nonconformances/ deficiencies.
3. Learn about cool new stuff at AABB.

11:15-12:15pm ***Blood Bank IT: Needs vs Wants***
Jessica L Poisson, MD MMCi

Description:

In this session we will review the regulatory requirements around the information system used by the Blood Bank/ Transfusion Service. The second half will focus on advancements in informatics for transfusion, including universal barcode scanning, clinical decision support and improved integration.

Objectives:

1. Identify the unique LIS needs of the transfusion service.
2. Review the regulatory requirements of the BB/ TS LIS.
3. Discuss advancements in informatics for Transfusion practice.

1:15-2:15pm ***High There!: Serologic Case Studies***
Jessica Drouillard, MSTM, SBB(ASCP)^{CM}

Description:

Intermediate to advanced level serologic case studies including antibodies to high prevalence antigens.

Objectives:

1. Recognize antibodies to high prevalence antigens.
2. Appreciate differences between serologic and molecular testing.
3. Review laboratory techniques to investigate antibodies to high prevalence antigens.

2:15-3:15pm

Stem Cell Transplant as a Cure for Sickle Cell Disease

Michael W. Kent, MD

Description:

Brief description of Sickle Cell Disease as well as epidemiology of Sickle Cell Disease. Discuss the process of stem cell transplantation. Discuss the pros and cons of transplantation for sickle disease. Discuss transplant options for sickle cell disease and future disorders.

Objectives:

1. Know basics of stem cell transplant process.
2. Understand limitations of stem cell transplant for sickle cell disease.
3. Understand the basic different types of transplant available for sickle cell diseases.

3:15-4:15pm

Introduction to CAR-T Cell Therapy

Natalie Grover, MD and George Hucks, Jr. MD

Description:

This session will provide an introduction to the new exciting cancer therapy of chimeric antigen receptor T (CAR-T) cells. We will give a basic overview of how CAR-T cells work, how treatments are given, and applications for adult and pediatric patients including currently available commercial products and future direction of the field.

Objectives:

1. Define CAR-T cells and give a basic overview of their mechanisms of action.
2. Describe the indications of the current FDA approved CAR-T cell products.
3. Describe the unique toxicities of CAR-T cells.