

8:00 – 8:15**Welcome****Courtney Robinson, MLS(ASCP)^{CM}****8:15 – 9:15 *Platelet Bacterial Mitigation Strategies***

Speakers: Corinne Goldberg, MD

Level: Intermediate

Contact Hours: 1.0

Due to standard storage conditions, platelets are susceptible to microbial growth, increasing the risk of transfusion-transmitted infections. This presentation will focus on two FDA approved platelet bacterial mitigation strategies, Pathogen Reduction and Large Volume Delayed Sampling, with an emphasis on the impacts on clinical safety, efficacy, and costs to hospitals.

Objectives:

1. Describe how Pathogen Reduction (PR) and Large Volume Delayed Sampling (LVDS) can reduce risk for bacterial contamination in collected apheresis platelet units.
2. Understand the residual risks with PR and LVDS after transfusion.
3. Assess the cost and operational effectiveness associated with these platelet bacterial contamination mitigation strategies.

9:15 – 10:15 *Treatment Options for Fibrinogen Supplementation*

Speaker: Cynthia Robbins, RPh, BS Pharm.

Level: Intermediate

Contact Hours: 1.0

Rapid control of massive hemorrhage is important to patient survival. Fibrinogen rapidly depletes in bleeding patients and is an independent indicator for severe hemorrhage. Early fibrinogen replacement may improve patient outcomes. This course will review key clinical trials and all treatment options for the replacement of fibrinogen in bleeding patients.

Objectives:

1. Learn about the advancement of hemorrhage control and the MTP.
2. Assess early replacement of fibrinogen in bleeding patients.
3. Differentiate Cryoprecipitated AHF (Cryo AHF), Fibrinogen Concentrates, and Pathogen Reduced Cryoprecipitated Fibrinogen Complex.



10:15 – 10:25 Frances Widmann Service Award Presentation

10:25 – 10:45 Break (Vendor Slides)

10:45 – 11:45 *Case Study: Identification of an Antibody to High Prevalence Antigen in the Presence of Multiple Antibodies*

Speaker: Matt Hukill, MBA, MLS(ASCP)^{CM}SBB^{CM}

Level: Advanced

Contact Hours: 1.0

Step by step walk through of the process of identifying an antibody to a high prevalence antigen without missing additional clinically significant alloantibodies. Will take audience through process of discovery to resolution, giving insight about decisions made at each step.

Objectives:

1. Develop a strategy to work through unexpected panreactivity.
2. Uncover potentially hidden clinically significant antibodies.
3. Resolve complex cases involving high prevalence antibodies mixed with common antibodies.

11:45 – 12:30

Lunch Break

Sponsored by OneBlood

12:30 – 13:30 Petteway-Shephard Award Presentation

Current Issues in Clinical Laboratory Education

Speaker: Susan Beck, PhD, MLS(ASCP)^{CM}

Level: Basic

Contact Hours: 1.0

This presentation will focus on several key educational issues facing the clinical laboratory profession including the gap between workforce needs and the number of graduates of programs, the role of the Doctorate in Clinical Laboratory Science, and the move to standardize the title of medical laboratory professionals.

Objectives:

1. Discuss the current statuses of clinical laboratory educational programs and gap between the number of graduates and workforce needs.
2. Describe the role of the Doctorate in Clinical Laboratory Science and the potential for these to improve patient care.
3. Discuss the rationale for a standard title for the baccalaureate level laboratory professional.

13:30 – 14:30 *Hemoglobin as a Trigger for RBC Transfusion in Preterm Infants: Maybe Not!*

Speaker: Cassandra Josephson, MD

Level: Intermediate

Contact Hours: 1.0

Learn about pitfalls to using hemoglobin as surrogate marker for transfusing RBCs in preterm infants.

Objectives:

1. Discuss limitation of hemoglobin as a surrogate for tissue oxygenation trigger for RBC transfusion.
2. Explore consequences of permissible severe anemia and what may occur when below these intended levels.
3. Examine donor RBC variability and the potential impact of recipient morbidity: mortality.



2022 Virtual Fall Meeting

Tuesday, September 13, 2022

14:30 – 14:50 **Break (Vendor Slides)**

14:50 – 15:00 **Passing of Gavel and
Introduction of 2022 – 2023 Board**

15:00 – 16:00 ***Patient Blood Management (PBM): Moving Beyond Red Cells***

Speaker: John Sherbeck, MD

Level: Intermediate

Contact Hours: 1.0

Discuss the importance and current state of PBM, using pRBCs as a guide, and the need for PBM principles for PLT and plasma products. Discuss the challenges in appropriate utilization and formal PBM programs for non-pRBC products. Discuss the role the transfusion service CLS/ MT can have in real-time utilization improvement.

Objectives:

1. Describe the basics of a PBM program.
2. Understand the knowledge gaps and challenges with PLT/ Plasma PBM.
3. Consider creative ways they can positively impact PLT/ Plasma usage in their role/ workplace.

16:00 – 16:15 **Closing Remarks and Meeting Adjournment**

Jamie Moore, MLS(ASCP)^{CM}SBB^{CM}