Knowledge Discovery Through Patient Safety Event Analysis: Using Hemovigilance Data to Improve Performance

Wednesday, January 18, 2012
1:00 PM to 2:30 PM (CT)

MODERATOR
Barbee Whitaker, PhD, AABB

SPEAKERS Barbara Rabin

DESCRIPTION
This program will discuss how adverse event reporting and investigation are critical components of effective hemovigilance. Classification, patient safety, and root cause analysis will be discussed. The information will be presented as a lecture including examples.

Designing SOPS for Learners- St. Louis Center ONLY

Wednesday, January 25, 2012
1:00 PM to 2:30 PM (CT)

MODERATOR
Jayanna Slayten, MS, MT(ASCP)SBB, Indiana Blood Center

SPEAKERS Keltie Cameron-Choi
Shanta Rohse

DESCRIPTION
In this presentation, ten cognitive principles derived from cognitive science research will be covered. These principles are to be used as guidelines for designing more effective operating procedures. Procedures should be designed to leverage the strengths of how individuals learn and to compensate for our cognitive limitations. Underpinning these guidelines is the principle that vision is the dominant sense we use to absorb information and that our brains are wired for pictures. The use of voluminous written text in a procedure can foster confusion, misinterpretation, and the inability to follow the procedure.

The speakers will present several examples of "before and after" procedures that are transformed from incomprehensible to comprehensible and from forgetful to memorable when these principles are applied. The overall intention and focus of this presentation is to inspire new ways of designing SOPs that inform rather than confuse.

ARDP (American Rare Donor Program) Overview and Case Studies- Davenport Center ONLY

Wednesday, February 01, 2012
1:00 PM to 2:30 PM (CT)

SPEAKERS Cynthia Flickinger, MT(ASCP)SBB, American Red Cross

DESCRIPTION
On November 1, 1998, the American Rare Donor Program (ARDP) was formed after merging the ARC Rare Donor Registry and the AABB Rare Donor File. Currently, both AABB and ARC provide funding for the program. The associated computer database is
maintained by the American Red Cross (ARC) and is accessible by the ARDP staff at the Philadelphia, PA site. Although the ARDP specifically deals with rare donors and rare patient requests, the rarest blood product is truly that product that is unavailable when needed. It is through the dedicated efforts of donors, technologists, volunteers, office staff, doctors, nurses, international contacts, couriers, and even airport customs staff, that the blood supply is maintained and the ARDP can be effective. Some of the high-level case studies to be presented will illustrate some of these very interesting and complex scenarios that supplement the background information on how the ARDP process is executed.

**A Very Unique Test to Discover Etiology of TRALI- St. Louis and Davenport Centers ONLY**

**Wednesday, March 28, 2012**
**1:00 PM to 2:30 PM (CT)**

**MODERATOR**
Monica LaSarre, MT(ASCP)SBB, Bonfils Blood Center

**SPEAKERS**
Chris Silliman, MD, PhD, Bonfils Blood Center
Tuan Le, MD, Bonfils Blood Center

**DESCRIPTION**
TRALI continues to be an important topic in transfusion medicine. Investigating whether TRALI occurred and what the donor and/or patient etiology of TRALI is, continues to be poorly defined and standardized amongst laboratories and donor centers. This session will review an across-the-U.S. look at how TRALI is being investigated. Also, a specific assay that may be underutilized in TRALI investigations will be discussed.

**What is a Patient Safety Organization and How Can AABB’s Patient and Donor Safety Center Help with Hemovigilance?- Davenport Center ONLY**

**Wednesday, April 11, 2012**
**1:00 PM to 2:30 PM (CT)**

**MODERATOR**
Barbee Whitaker, PhD, AABB

**DESCRIPTION**
This program will explain how AABB's Patient and Donor Safety Center will work with hospital members to better understand adverse reactions and incidents occurring in the transfusion process.

**Method Comparability Between Different Platforms: Gel vs. Tube**

**Wednesday, April 18, 2012**
**1:00 PM to 2:30 PM (CT)**

**MODERATOR**
Shelvi McFadden, MLS(ASCP), Shands Jacksonville Medical Center

**SPEAKERS**
Roger Bertholf
Shelvi McFadden, MLS(ASCP), Shands Jacksonville Medical Center

**DESCRIPTION**
Method comparability compares the primary test method with other comparative test methods that are in use within a laboratory. For transfusion service facilities, this comparison is performed with quality control testing when different testing platforms are being used. This program will look at the background of method comparison testing and an example protocol for a transfusion
Drug Induced Immune Hemolytic Anemia

Wednesday, May 09, 2012
1:00 PM to 2:30 PM (CT)

SPEAKERS George Garratty, PhD, FRC Path, American Red Cross Blood Services
Pat Arndt, MS, MT(ASCP)SBB

DESCRIPTION
Drug-induced immune hemolytic anemia (DIIHA) should be considered whenever any hemolytic anemia is suspected. More than 100 drugs can cause a positive direct antiglobulin test (DAT) and, in some patients, this will be associated with significant hemolysis. This session will review the pathophysiology of DIIHA, laboratory investigations, and examples of case histories.

When Professions Meet: Bridging the Gap between Laboratory and Nursing – Davenport and Springfield Centers ONLY

Wednesday, July 11, 2012
1:00 PM to 2:30 PM (CT)

SPEAKERS Lucinda (Cindy) Manning, BA, MT(ASCP), RN

DESCRIPTION
This session will compare the differences in learning within the laboratory and nursing professions. Personal examples illustrating the struggles each profession has in understanding each other will be discussed. This session will explore practical ways to bridge the gaps in understanding between the two professions. There will be time during the presentation to discuss the issues you may be facing within your own organizations in regards to the laboratory/nursing interactions and ways to enhance those relationships. The audience will be given an opportunity to share problems as well as best practices and successes in bridging the gap between these two professions.

Case Study Approach to Root Cause Analysis, from Transfusion Service Perspective

Wednesday, July 25, 2012
1:00 PM to 2:30 PM (CT)

MODERATOR
Jayanna Slayten, MS, MT(ASCP)SBB, Indiana Blood Center

SPEAKERS Beth Hughes, MT(ASCP)
Kim Coors, MT(ASCP)
Kristine Beltz, QA Specialist

DESCRIPTION
Root cause analysis tools, when applied appropriately and effectively allows a transfusion service to respond to errors. In an effort to present how to efficiently use these tools, this program will present a group of case studies applying root cause analysis for error management and corrective and preventative action strategies in the transfusion service.
Serological Case Studies: Unexpected/Odd Outcomes – St. Louis and Davenport Centers ONLY

Wednesday, August 01, 2012
1:00 PM to 2:30 PM (CT)

MODERATOR
Monica LaSarre, MT(ASCP)SBB, Bonfils Blood Center

SPEAKERS
Agnes Lee-Stroka, MT(ASCP)SBB, National Institutes of Health
Karen Byrne

DESCRIPTION
The age-old adage of, "there's more than meets the eye!" applies as much to the immunohematologist as to anyone else. In a case study approach, this session will cover immunohematology investigations where the initial RBC antibody identification or clinical scenario was vastly different from the final conclusion at the end of the investigation. The cases presented here will prove that, in immunohematology, it is a benefit to keep an open mind until the very end of an investigation, since there may be a surprising or odd outcome at the end!

Sickle Cell Disease Overview/Transfusion Support- St. Louis Center ONLY

Wednesday, August 29, 2012
1:00 PM to 2:30 PM (CT)

MODERATOR
Shelvi McFadden, MLS(ASCP), Shands Jacksonville Medical Center

SPEAKERS
Jeanne Hendrickson, MD, Emory University

DESCRIPTION
Sickle Cell patients can pose quite a challenge on a transfusion service. Each hospital facility has their own protocol on how to handle these patients and that may vary between different hospitals within the same regional area. This program will look at the most effective way to manage sickle cells patients with testing and transfusion support.

Physician Transfusion Medicine Educational-Challenges and Triumphs – Springfield Center ONLY

Wednesday, December 05, 2012
1:00 PM to 2:30 PM (CT)

MODERATOR
Jayanna Slayten, MS, MT(ASCP)SBB, Indiana Blood Center

SPEAKERS
Gregurek Steve, MD
Julie Cruz, MD, Indiana Blood Center

DESCRIPTION
With the ever growing aspects of transfusion medicine, the education of Transfusion Medicine physicians continues to be a challenge. This session will explore what are the challenges and triumphs of transfusion medicine education of today's
**1:1:1 Ratio of Massive Transfusion**

Wednesday, December 12, 2012
1:00 PM to 2:30 PM (CT)

**MODERATOR**
Shelvi McFadden, MLS(ASCP), Shands Jacksonville Medical Center

**SPEAKERS** John Holcomb, MD, FACS, Houston, TX

**DESCRIPTION**
Patients suffering from traumatic injuries require aggressive treatment. Massive blood loss may be apparent but the mechanism to stop the bleeding may not. The use of a Massive Transfusion Protocol (MTP) is necessary for these patients in order to stabilize the patient and stop the bleeding. But what is the appropriate ratio of blood products needed for these patients? This program will look at the use of a 1:1:1 ratio of blood products and the benefits of this ratio.