



Hospital Forum Minutes "Let's Go Tubing" June 9, 2017

Attendees:

Guests:

Krista Roberts, Texas Health Arlington Memorial Hospital; Liang Shen, Texas Health Harris Methodist Fort Worth; Kristi Saylor, Weatherford Regional Medical Center; Julie Jackson, Weatherford Regional Medical Center; Heath Alls, Texas Health Dallas; Catrina Donnelly, Texas Health Harris Methodist Fort Worth; Patti Calcote, ETMC Tyler; Gretchen Vinson, UT Health Northeast; Rebecca Ballard, Providence Health Center; Cassi Klein, Providence Health Center; Amande Ngene, Providence Health Center; Amanda Martin, Cook Children's Medical Center; Serelia Franklin, Cook Children's Medical Center; Dr. Greg Cusano, Texas Health Harris Methodist Fort Worth; Rick Melman, BSW All Saints Medical Center; Michael Martin, BSW All Saints Medical Center; Jennifer Packard, Children's Health Dallas; Linda Rojas, Limestone Medical Center; Wayne Fernando, Texas General Hospital; Wayne Fernando, Texas General Hospital; Dr. Laura Kwan, UT Southwestern; Lesley Lee, The Heart Hospital at Baylor Plano; Ashley Flores, Cook Children's Medical Center; Julie Blackburn, Texas Health Harris Methodist HEB; Jessica Gandy, Texas Health Harris Methodist Southwest; Ayodeji Olawunmi (DJ), Baylor University Medical Center; Sun Y. Son, VA Dallas; Suzanne Moore, Medical City Dallas; Glenda Strain, Titus Regional Medical Center

Carter BloodCare: Veronica Moore, Judy Thornburg, Andrea Sign, Dr. Merlyn Sayers, Polly Wynn, Pam Boyd, Dr. Todd Nishimoto, Loretta Morgan, Nancy Perez, Lori Zigterman, Denise Fyffe, Stan Hance, Vicki Vogel, Dr. William Crews, Linda Goelzer, Carla Beck, Clint McCoy, Jennifer Maul

Stem Cell Transplant Protocol: Product Selection Considerations & Beyond, Jennifer Packard MLS(ASCP) SBB, Supervisor Transfusion & Tissue Service, Children's Health Dallas

- Attendee Questions/Comments
 - How many of the transplants are cord blood procured?
 - Less than 10%
 - Are these private or public?
 - Unsure

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Carter BloodCare

- How many stem cell transplants have been performed for sickle cell disease?
 - Have completed for six patients and not aware of any negative effects on the patients. Some had experienced strokes and thus were candidates for the stem cell transplant. Units negative for Rh and Kell were continued following transplant.
- What do they reactions appear as when the patient is demonstrating chimera?
 - Can appear as mixed field and sometimes, forward and reverse type reactions do not agree

Bacterial Detection Testing Updates, Dr. Todd Nishimoto, Medical Director of Clinical Services, Carter BloodCare

- ✓ Anticipate implementation of the new methodology for bacterial detection in October/November of 2017
 - Attendee Questions/Comments
 - Will Carter BloodCare send out positive Bacti/alert for culture?
 - Yes.
 - Rate of false positive with the new methodology?
 - No.
 - Any data on how many positives are seen on day 4 & 5?
 - No published data
 - Will Carter BloodCare perform gram stain before notifying facility of the positive Bacti/Alert?
 - Unfortunately no, we do not have the capability to perform gram stains or other microbiology on-site; therefore, will notify consignee of positive results immediately

FDA Draft Guidance Bacterial Risk Control Strategies for Blood Establishments and Transfusion Services to Enhance the Safety and Availability of Platelets for Transfusion, Dr. Todd Nishimoto, Medical Director of Clinical Services, Carter BloodCare

- ✓ Draft Guidance provided in handouts – please take the time to review the guidance and share the potential financial impact with laboratory administration.
 - Attendee Questions/Comments
 - We have heard that the cost for pathogen reduction could add \$100 to \$125 per platelet?
 - Yes there is an additional cost and it is significant.



- Draft guidance indicates you can perform point of issue testing and extend to 7 day expiration. Do you have to be FDA registered to extend to 7 day?
 - Yes, must register with the FDA. Additionally, please be aware that there are product codes associated with the platelets tested on Day 4 and 5 and if extended to Day 6 and 7. Once platelets are tested on Day 4, then must be transfused within 24 hours or it would need to be tested again prior to transfusion. Facilities that maintain platelets on-site/stock must recognize that these platelets must be tested prior to transfusion beginning on Day 4, unless the platelet is pathogen reduced. Additionally, the collection bag must be FDA approved to extend to 7 day. At Carter BloodCare we have not determined what options we will make available as we are waiting for the Final guidance to be published.
- Do you know when the final FDA guidance will be published?
 - We do not. We have heard that the final guidance should be published in 2017. Historically, the FDA has provided a minimum of 12 months to implement; however, we are not certain of the implementation time frame.

Comment from facility that has been performing Verax Platelet PGD test for approximately one year: Have seen 15 positives since performing testing on-site. Transfuse over 3,000 platelets annually.

Ferritin Levels in Donors, Dr. Merlyn Sayers, CEO & President, Carter BloodCare

- Dr. Sayers shared with the group that an AABB task force is reviewing the need to possibly screen blood donors for ferritin. There is evidence that in the absence of anemia, iron stores could be deficient. This deficiency may cause neurocognitive implications in the donor.

Hemostasis Analysis News; Saving Lives in “Live” Time, Catrina Donnelly, MLS(ASCP) SBB, Transfusion Service Lead, Texas Health Harris Methodist Fort Worth

MTP protocol calls for a sample for ROTEM[®] testing subsequent to initial sample. Transfusion service personnel proactively can add cryoprecipitate pools based on the ROTEM result as the MTP packs do not include a cryo pool.

- Attendee Questions/Comments
 - Can the blood bank staff make the determination to send cryo based on the ROTEM[®] results?



- Yes, the staff is proactively involved and will send cryo as indicated per test results.
- Do you run for the full hour?
 - Yes.
- How many instruments do you have?
 - We have 2 ROTEM[®]s.
- You indicated that the TEG[™] has platelet mapping capability. In what situations is that helpful?
 - Platelet mapping can help determine that in cases where a patient has a surgical bleed, the platelets are inhibited from medications such as Plavix or aspirin.

Physician (user) education is very important to ensure that results are understood and action can be taken based on the results.

Open Discussion:

- **Apheresis Platelets – dual bag**
 - Reminder that platelets received in two bags should not be pooled into one bag until ready to transfuse. The platelet bags, according to manufacturer are acceptable for storage between 100-400mls.
- **iWeBB historical antigen results**
 - Encourage all hospitals to enter their results when screening donor units for antigens
 - Share feedback about the process for improvements, changes, etc.
- **Thermometer Standardization and Digital Timer QC services**
 - New services available
 - Attendees requested infrared thermometer gun calibration services
- **Customer Satisfaction Survey**
 - Request for more information with regards to the backorder process and workup updates
- **Molecular Genotyping – RHD and RHCE**
 - Dr. Crews asked the attendees 3 questions regarding potential future test offerings

A most sincere thank you to the presenters – this program exists because of your generosity to share your knowledge and experiences with the group.

And of course, thank you to all the attendees!