



September 19, 2019
Seattle, WA

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LEARNING OBJECTIVES

At the end of this activity, participants will be able to:

- Identify best Transfusion Medicine Practice, with special attention on pediatric transfusion
- Describe developments in platelet transfusion, including FDA Guidance and new platelet products
- Describe optimal use of Group O red blood cells

ACCREDITATION



CONTINUING MEDICAL EDUCATION CREDIT INFORMATION

Accreditation

This activity has been planned and implemented in accordance with the accreditation requirements of the Washington State Medical Association through the joint providership of Providence Health Care and Bloodworks. Providence Health Care is accredited by the WSMA to provide continuing medical education for physicians.

Providence Health Care designates this live activity for a maximum of 9.0 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This activity meets the criteria for up to 9.0 hours of Category I CME credit to satisfy the relicensure requirements of the Washington State Medical Quality Assurance Commission

Co-Sponsored by ASCLS-WA

ASCLS-WA is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E. ® Program.

For questions, please contact us at News@BloodworksNW.org



EDUCATIONAL GRANTS

The Bloodworks Northwest Transfusion Symposium
gratefully acknowledges education grant support for this symposium from

ABBOTT LABORATORIES



EXHIBITORS

The Bloodworks Northwest Transfusion Symposium gratefully acknowledges exhibit support for this symposium from

ALEXION

BIO-RAD LABORATORIES

VERAX LABORATORIES



COMMITTEE MEMBERS

YanYun Wu, MD, PhD
Chief Medical Officer, Bloodworks

Kirsten Alcorn, MD
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Brian Danforth

Vida Farhang
Thom Murray
Ron Lim



SPEAKER SCHEDULE

Morning Sessions: General Focus		
7:00-8:00	Continental Breakfast and Registration (No CME Credit)	
8:00-8:15	Welcome Remarks	YanYun Wu, MD, PhD
8:15-9:15	Optimal Use of Group O Red Blood Cells	Claudia S Cohn, MD, PhD
9:15-10:15	Neonatal And Pediatric Transfusion: How To Be Prepared Even If You Are Not a Children's Hospital	Nabiha Huq Saifee, MD, PhD
10:15-10:30	Pediatric Transfusion Medicine Cases	Nabiha Huq Saifee, MD, PhD Trisha Wong, MD
10:30-10:45	Break	
10:45-11:45	Pediatric Transfusion Inside and Outside the Transfusion Service Lab, Including Use of Low-Titer Group O Whole Blood	Trisha Wong, MD Mick Scanlan, MD
11:45-12:00	Cases (part 2)	Nabiha Huq Saifee, MD, PhD Trisha Wong, MD
Lunch: Simultaneous Sessions/Exhibition		
12:00-1:00	Lunch Round Tables	
	Deviations and Other Reasons to Call Transfusion Service Medical Staff	Katie Wilkinson, MD
	Common Test Topics: Lab Scientist Certification	Jackie Degler, MT(ASCP)
	Positive DAT in a Newborn: Where to Go Next	Theresa Nester, MD
	Changing Paradigms for Blood Donor Deferrals and Increasing Blood Donor Diversity	Kirsten Alcorn, MD
	Pediatric Transfusion Topics	Trisha Wong, MD
	Open Lunch Networking/Exhibits (No CME Credit)	
Afternoon Sessions: Joint Session		
1:00-1:15	Cases (part 3)	Nabiha Huq Saifee, MD, PhD Trisha Wong, MD
1:15-3:15	1:15-1:30: Intro to Current Issues with Platelet Inventory: Bacterial Contamination - FDA Guidance - New Formulations and Processes - Getting Your Hospital Ready	Kirsten Alcorn, MD
	1:30-2:15: New Platelet Formulations, Focus on Pathogen Reduction Technology	Claudia S Cohn, MD, PhD
	2:15-2:45: Prepping Your Hospital for PRT Platelets: Special Considerations, Going Beyond Product Codes	Kirsten Alcorn, MD
	2:45-3:15: Use of Pathogen Reduction Technology in Transfusion of Pediatric Patients	Nabiha Huq Saifee, MD, PhD
3:15-3:30	Break	
3:30-4:30	Patient-Centered Challenges in Platelet Transfusion	Thomas Deloughery, MD, MACP, FAWM
4:30-5:30	Case Based Panel Discussion Closing Remarks	All Faculty



PRESENTATION SUMMARIES

MORNING SESSIONS

Optimal Use of Group O Red Blood Cells

Claudia S. Cohn, MD, PhD

This session will provide information about challenges to Group O RBC inventory and approaches to its best use. Upon completion of this course, participants will be able to:

- Understand challenges of maintaining Group O RBC inventory.
- Describe transfusion options in situations that might stress Group O RBC inventory.
- Describe Group O RBC inventory management methods.

Neonatal And Pediatric Transfusion: How To Be Prepared Even If You Are Not a Children's Hospital

Nabiha Huq Saifee, MD, PhD

This session will outline special considerations and practical options for transfusion in neonatal and pediatric patients. Upon completion of this course, participants will be able to:

1. Review physiologic considerations for transfusion in neonatal and pediatric patients.
2. Contrast testing and inventory requirements for transfusion of neonates versus adults.
3. Discuss transfusion guidelines in neonatal and pediatric patients.

Pediatric Transfusion Medicine Cases

Nabiha Huq Saifee, MD, PhD

Trisha Wong, MD

This session (occurring in segments throughout the day, and culminating in a case-based panel discussion) will use real cases to highlight issues the

transfusion service may encounter in pediatric care. Upon completion of this course, participants will be able to:

1. Apply lecture material to actual cases.
2. Learn the common steps in problem-solving for complex clinical scenarios.
3. Learn the critical first steps in care of pediatric patients with transfusion needs.

Pediatric Transfusion Inside and Outside the Transfusion Service Lab, Including Use of Low-Titer Group O Whole Blood

Trisha Wong, MD

Mick Scanlan, MD

This session will describe how different perspectives fuel transfusion decisions, with a focus on implementation of low-titer Group O whole blood transfusion in pediatrics. Upon completion of this course, participants will be able to:

1. Describe product needs and timing considerations for different pediatric patient groups.
2. Describe pediatric patient groups with special needs, such as sickle cell disease, HSCT transplant, trauma, surgery.
3. Describe use of low-titer Group O whole blood transfusion in pediatric patients.

Pediatric Transfusion Medicine Cases (part 2)

Nabiha Huq Saifee, MD, PhD

Trisha Wong, MD

Continuation of *Pediatric Transfusion Medicine Cases*



LUNCH/ROUNDTABLES

Deviations and Other Reasons to Call Transfusion Service Medical Staff

Katie Wilkinson, MD

This round table will describe and discuss areas of concern for transfusion service lab medical directors. Participants will:

1. Discuss events that suggest need for deviation or approval from medical staff.
2. Discuss events that medical staff needs to know about in real time.
3. Engage colleagues in discussion about incorporating medical staff notifications into standard operating procedures.

Common Test Topics: Lab Scientist Certification

Jackie Degler, MT(ASCP)

This round table will describe and discuss topics that are likely to be represented on professional certification exams. Participants will:

1. Discuss rationale for test questions.
2. Discuss likely areas for test questions.
3. Engage colleagues in discussion about laboratory certification exams.

Positive DAT in a Newborn: Where to Go Next

Theresa Nester, MD

This round table will describe and discuss concerns related to positive DAT in newborns that are different than adults. Participants will:

1. Discuss options for steps in evaluating positive DAT in a newborn.
2. Discuss recommendations for related standard operating procedures.
3. Engage colleagues in discussion about positive DAT in the newborn.

Changing Paradigms for Blood Donor Deferrals and Increasing Blood Donor Diversity

Kirsten Alcorn, MD

This round table will describe and discuss changes and potential changes to evaluation of blood donors. Participants will:

1. Discuss recent change of China-related malaria deferral.
2. Discuss use of updated science in developing a better donor history questionnaire.
3. Engage colleagues in discussion about diversity in the blood supply.

Pediatric Transfusion Topics

Trisha Wong, MD

This round table will describe and discuss pediatric transfusion topics of your choice. Participants will:

1. Discuss topics of special consideration in pediatric transfusion medicine.
2. Serve as expert for questions from attendees.
3. Engage colleagues in discussion.

Or

Open Lunch Networking/Exhibits (No CME Credit)



AFTERNOON SESSIONS

Pediatric Transfusion Medicine Cases (part 3)

Nabiha Huq Saifee, MD, PhD
Trisha Wong, MD

Continuation of *Pediatric Transfusion Medicine Cases*

Current Issues with Platelet Inventory: FDA Guidance, New Formulations and Processes, Getting Your Hospital Ready

Introduction

Kirsten Alcorn, MD

New Platelet Formulations, Focus on Pathogen Reduction Technology (PRT)

Claudia S. Cohn, MD, PhD

This section will describe PRT and other platelet formulations. Upon completion of this course, participants will be able to:

1. Describe pros and cons of PRT platelets in particular (other formulations as time allows).
2. Describe clinical decision-making in use of PRT platelets in particular (other formulations as time allows).
3. Describe inventory management with mixed platelet formulations in inventory.

Prepping Your Hospital for PRT Platelets: Special Considerations, Going Beyond Product Codes

Kirsten Alcorn, MD

This section will discuss activities related to moving new products into transfusion practice at hospitals and in hospital systems. Upon completion of this course, participants will be able to:

1. Provide guidance on typical approval and implementation steps for new blood products.
2. Provide speaking points to provide during the approval process.
3. Provide guidance for documentation of approval process in relation to lab accreditation

Use of Pathogen Reduction Technology in Transfusion of Pediatric Patients

Nabiha Huq Saifee, MD, PhD

This section will summarize use, safety, and efficacy of blood components treated with pathogen reduction technology (PRT) with special attention to pediatric patients. Upon completion of this course, participants will be able to:

1. Explain the potential benefits of PRT-treated blood components.
2. Review studies on safety and efficacy of PRT-treated components.
3. Discuss special considerations regarding use of PRT-treated components in pediatric patients.

Patient-Centered Challenges in Platelet Transfusion

Thomas Deloughery, MD, MACP, FAWM

This session will describe medical conditions that add challenges to platelet transfusion support. Upon completion of this course, participants will be able to:

1. Discuss platelet and HLA-related antibodies.
2. Discuss recommendations for platelet transfusion strategy.
3. Discuss interaction with transfusion service laboratory in support of these patients.

Case Based Panel Discussion

All Faculty

This interactive session will include all program faculty and symposium attendees for questions, answers, notes about the illustrative case studies, and comments on related topics. Upon completion of this course, participants will be able to:

1. Consolidate learning from the illustrative case studies of the day.
2. Gain additional learning from multiple perspectives.
3. Learn from additional topics raised by faculty and participants.



GENERAL INFORMATION

REGISTRATION

Register early, as space is limited:

- Online registration: <http://2019nwtransfusionsymposium.brownpapertickets.com>
- On-site registration, if space is available - additional fees apply

Registration Fees	Online Registration		On-Site Registration
	On or before September 2, 2019 (Early Bird)	On or before September 17, 2019 (Regular)	If space is available
Physician/Industry Attendee	\$175 USD	\$200 USD	\$225 USD
Non Physician (Med Tech, RN)/Physician Trainee	\$100 USD	\$125 USD	\$150 USD
Students (with photo ID on site)	\$45 USD	\$50 USD	\$55 USD

- Continental breakfast and lunch included in price

DIRECTIONS

- **Symposium Location:**
Oregon Convention Center
777 NE Martin Luther King, Jr. Boulevard
Portland, OR 97232
- **Map**, directions, and parking information can be found on the Oregon Convention Center website: <https://www.oregoncc.org/visitors/parking-and-directions>

