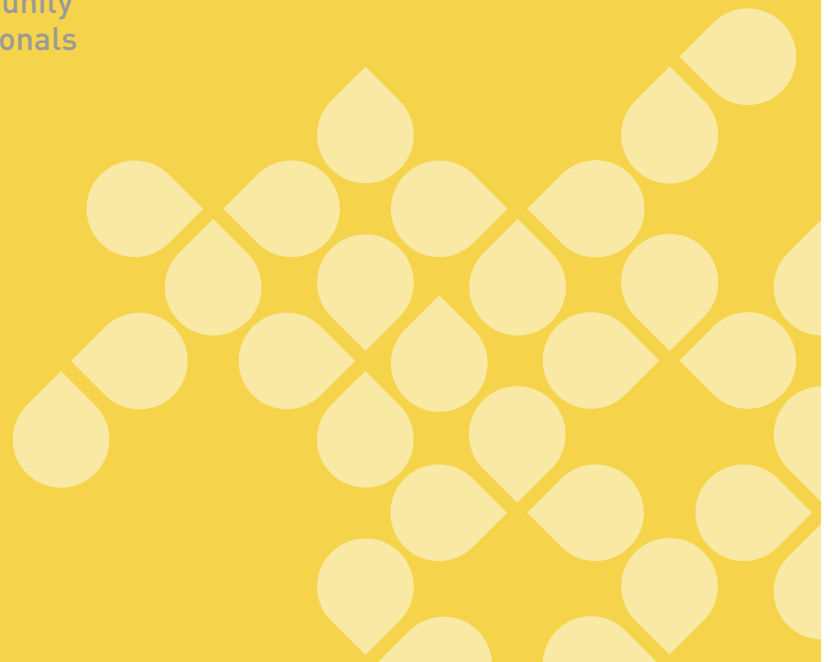




NORTHWEST TRANSFUSION SYMPOSIUM

2018 PROGRAM

An education and networking opportunity
for Physicians, Nurses, Lab Professionals
and other healthcare professionals



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June 28, 2018
Seattle, WA

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LEARNING OBJECTIVES

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

- Identify best transfusion medicine practice.
- Describe updated transfusion laboratory practice relevant to coagulopathies.
- List advances in the Transfusion Medicine field and how it relates to transfusion practice.

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 7.5 *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 7.5 hours of Category I CME credit to satisfy the relicensure requirements of the Washington State Medical Quality Assurance Commission

Co-Provided 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 GRANT

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

OCTAPHARMA PHARMACEUTICALS, INC.



EXHIBITORS

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

ALEXION PHARMACEUTICALS, INC.

BIO-RAD LABORATORIES

CERUS

CSL BEHRING

INCYTE

OCTAPHARMA PHARMACEUTICALS, INC.

RIGEL PHARMACEUTICALS, INC.



COMMITTEE MEMBERS

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SPEAKER SCHEDULE

Morning Sessions: General Focus

8-8:45am	Continental Breakfast and Registration	
8:45-9am	Welcome Remarks	James P. AuBuchon, MD, FCAP, FRCP (Edin) William Harper
9-10am	VAD-OPATHY: Coagulation Defects Related to VADs	Thomas Deloughery, MD, MACP, FAWM
10-10:30am	Lab Testing in Massive Transfusion	John R. Hess, MD, MPH, FCAP, FAAAS
10:30-11am	Break	
11-11:30am	Anticoagulation, Bleeding and Thrombosis during Extracorporeal Life Support	Wayne Chandler, MD
11:30-12pm	Transfusion Support for Patients Receiving Extracorporeal Life Support (ECLS)	Nabiha Huq Saifee, MD, PhD
12-12:30pm	State-Wide Patient Blood Management Initiative in Washington	Tamara Glover, MSc Ravi Hira, MD

Lunch: Simultaneous Sessions/Exhibition

12:30-1:45pm	Lunch Round Tables: Plasma, Critical Thinking about the Yellow Stuff	Hamilton Tsang, MD John R. Hess, MD, MPH, FCAP, FAAAS
	AABB and CAP Standards for Electronic Crossmatch	Kirsten Alcorn, MD
	Patient Blood Management and Accreditation	Katie Wilkinson, MD
	PAS Platelets	Monica Pagano, MD
	Whole Blood Resuscitations/ MTP	Amanda VanSandt, DO
12:30-1:45pm	Open Lunch Networking/Exhibits (No CME Credit)	

Afternoon Sessions: Transfusion Medicine Focus

1:45-2:25pm	Seeing Red: Case Studies in Hemolysis	Theresa Nester, MD Nabiha Huq Saifee, MD, PhD
2:25-3:05pm	Blood Product Update: From 2 nd Bacterial Testing, Pathogen Reduction to Cold Storage Platelets	YanYun Wu, MD, PhD
3:05-3:45pm	The Relationship between Transgender Health, Transfusion Medicine, Hematology, and Hemostasis	Dina N. Greene, PhD, DABCC
3:45-4pm	Break	

Afternoon Sessions: Coagulation Focus

1:45-2:25pm	The Value of Molecular Diagnosis in Hemophilia	Barbara Konkle, MD
2:25-3:05pm	New Treatments for Hemophilia	Rebecca Kruse-Jarres, MD, MPH
3:05-3:45pm	Anticoagulation Reversal	Barbara Konkle, MD
3:45-4pm	Break	

Joint Wrap-up Session

4-5pm	Case Based Panel Discussion on Anticoagulation and Reversal	Thomas Deloughery, MD, MACP, FAWM Wayne Chandler, MD
	Closing Remarks	Barbara Konkle, MD Rebecca Kruse-Jarres, MD, MPH

PRESENTATION SUMMARIES

MORNING SESSIONS: GENERAL FOCUS

VAD-OPATHY: Coagulation Defects Related to VADs

Thomas Deloughery, MD, MACP, FAWM

This session will discuss VADS (Ventricular Assist Devices) including how they work and coagulation defects associated with them. Upon completion of this course, participants will be able to:

1. Discuss the clinical indications for VADs.
2. Describe how different VADs work.
3. Review the mechanism of the various coagulation defects seen with VADs.

Lab Testing in Massive Transfusion

John R. Hess, MD, MPH, FACP, FAAAS

This session will discuss controversies over conventional coagulation lab tests involved in the diagnosis and therapy of acute trauma and coagulopathy. This discussion will review turn-around time and cost. Upon completion of this course, participants will be able to:

1. Recognize the controversy over the utility of conventional lab tests (Platelet count, PT, PTT, and fibrinogen) vs. thromboelastography (TEG) in the diagnosis and therapy of acute trauma coagulopathy.
2. Discuss the problems of turn-around time with both kinds of coagulation testing.
3. Review the cost of testing.

Anticoagulation, Bleeding, and Thrombosis during Extracorporeal Life Support

Wayne Chandler, MD

This session will describe ECLS (Extracorporeal Life Support) and discuss anticoagulation monitoring and types of thrombosis that can occur. Upon completion of this course, participants will be able to:

1. Discuss optimal strategies for anticoagulation monitoring during ECLS.
2. Describe different types of thrombosis that can occur during ECLS.
3. Review new approaches to monitoring hemostasis during ECLS.

Transfusion Support for Patients Receiving Extracorporeal Life Support (ECLS)

Nabiha Huq Saiffee, MD, PhD

This session will discuss the Transfusion Service role in supporting patients on (ECLS) Extracorporeal Life Support, including factors affecting transfusion and strategies to decrease transfusion for these patients. Upon completion of this course, participants will be able to:

1. Describe the role of transfusion service in urgent initiation and continued support on ECLS.
2. Name 3 factors that account for the significant transfusion requirements for patients on ECLS.
3. Name one strategy to decrease allogeneic transfusion for patients on ECLS.

**State-Wide Patient Blood Management Initiative
in Washington**

Tamara Glover, MSc
Ravi Hira, MD

This session will review Patient Blood management
and the Patient Blood Management Initiative in

Washington. Upon completion of this course,
participants will be able to:

1. Discuss the Patient Blood Management Initiative in Washington.
2. Review Patient Blood management.

LUNCH/ROUNDTABLES**Plasma, Critical Thinking about the Yellow Stuff**

Hamilton Tsang, MD
John R. Hess, MD, MPH, FCAP, FAAAS

**AABB and CAP Standards for Electronic
Crossmatch**

Kirsten Alcorn, MD

Patient Blood Management and Accreditation

Katie Wilkinson, MD

PAS Platelets

Monica Pagano, MD

Whole Blood Resuscitations/ MTP

Amanda VanSandt, DO

Or

**Open Lunch Networking/Exhibits (No CME
Credit)**

The lunch round tables will provide an opportunity
to discuss with the experts the following: uses of
thawed plasma, standards for electronic
crossmatches, accreditation for patient blood
management, PAS (Platelet Additive Solution)
platelets, and whole blood transfusion during MTP
(massive transfusion protocol). Upon completion of
this course, participants will be able to:

1. Describe what is in a unit of plasma and recognize clinical situations when thawed plasma may be useful and when it is less likely to be useful.
2. Discuss AABB and CAP standards for the Electronic Crossmatch.
3. Review Patient Blood Management and the Accreditation process.
4. Describe PAS platelets and its clinical use including: different platelet additive solutions, advantages and disadvantages of using platelets stored in additive solution, and potential uses of platelets stored in additive solutions.
5. Describe whole blood resuscitations and its relation to the (MTP) massive transfusion protocol.

AFTERNOON SESSIONS: TRANSFUSION MEDICINE FOCUS**Seeing Red: Case Studies in Hemolysis***Theresa Nester, MD**Nabiha Huq Saiffee, MD, PhD*

In this session, the attendees will review situations where non-transfusion related hemolysis is encountered, including acquired and inherited hemolytic anemias. Upon completion of this course, participants will be able to:

1. List three laboratory tests that support a diagnosis of hemolysis.
2. Describe the differential of red plasma.
3. List one cause of inherited and one cause of acquired hemolytic anemia.

Blood Product Update: From 2nd Bacterial Testing, Pathogen Reduction to Cold Storage Platelets*YanYun Wu, MD, PhD*

This session will include updates regarding testing required to extend platelets, cold storage platelets,

and pathogen reduction. Upon completion of this course, participants will be able to:

1. Discuss second bacterial testing needed to extend platelets.
2. Review pathogen reduction and how it works.
3. Describe cold storage platelets and its efficacy.

The Relationship between Transgender Health, Transfusion Medicine, Hematology, and Hemostasis*Dina N. Greene, PhD, DABCC*

This session will discuss gender and how it relates to transfusion medicine. Upon completion of this course, participants will be able to:

1. Illustrate the differences between gender and sex.
2. Define the influence of gender on transfusion medicine and hemostasis.
3. Identify which reference intervals should be used for transgender people.

AFTERNOON SESSIONS: COAGULATION FOCUS**The Value of Molecular Diagnosis in Hemophilia***Barbara Konkle, MD*

This session will discuss Hemophilia and how genetic variants play a role in the disease and how molecular testing is used in patient care. Upon completion of this course, participants will be able to:

1. Review the clinical presentation and genetics of hemophilia.
2. Distinguish the role of genetic variants in disease manifestations.
3. Understand approaches to testing and its use in patient care.

New Treatments for Hemophilia*Rebecca Kruse-Jarres, MD, MPH*

This session will discuss Hemophilia treatment including gene therapy and future alternatives. Upon completion of this course, participants will be able to:

1. Outline the biggest challenges in hemophilia care to date.
2. Review the status of gene therapy for hemophilia.
3. Introduce the subcutaneous longer half-life alternatives on the horizon.



Anticoagulation Reversal

Barbara Konkle, MD

This session will discuss current anticoagulant and reversal agents available, when they are indicated, and how to apply them to patient scenarios. Upon completion of this course, participants will be able to:

1. Review currently available anticoagulants and reversal agents.
2. Discuss when anticoagulant reversal is needed.
3. Describe how to apply use of reversal agents to patient scenarios.

JOINT WRAP-UP SESSION

Case Based Panel Discussion on Anticoagulation and Reversal

Thomas Deloughery, MD, MACP, FAWM

Wayne Chandler, MD

Barbara Konkle, MD

Rebecca Kruse-Jarres, MD, MPH

This session will be a clinical case based discussion reviewing anti-coagulation and reversal. Participants will have an opportunity for open discussion and questions. Upon completion of this course, participants will be able to:

1. Discuss clinical cases involving anti-coagulation.
2. Review clinical cases involving anti-coagulation reversal.
3. Provide an opportunity for discussion and questions regarding anticoagulation and reversal.

Closing Remarks

Yanyun Wu, MD, PhD

GENERAL INFORMATION

REGISTRATION

Register early, as space is limited:

- Online registration: <http://2018nwtransfusionsymposium.brownpapertickets.com>
- On-site registration, if space is available - additional fees apply

Registration Fees	Online Registration		On-Site Registration
	On or before June 1, 2018 (Early Bird)	On or before June 24, 2018 (Regular)	If space is available
Physician/Industry Attendee	\$150 USD	\$175 USD	\$200 USD
Non Physician (Med Tech, RN)/Physician Trainee	\$75 USD	\$100 USD	\$125 USD
Students (with photo ID on site)	\$40 USD	\$45 USD	\$50 USD

- Continental breakfast and lunch included in price

DIRECTIONS

- **Symposium Location:** Grand Hyatt Seattle, WA
- **Map,** directions, and parking information can be found at [here](#)



NOTES:

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