



**Where Safety and
Efficacy Meet**

Sneak Peek

2016 CSTM Vancouver Conference - Scientific Programme

Friday May 13, 2016

A Social history of transfusion medicine – Dr. Jean Wang
Quality-where safety and efficacy meet – Dr. Graham Sher

Data Driven Decision Making in Health Care and Transfusion Practice

Learn how data can and are being used to improve patient outcomes and optimize blood utilization

Driving health sector innovation through value-based health practices...the role of integrated data analytics
VIHA approach to transfusion error surveillance and patient safety monitoring
Optimizing Blood Inventory Management among Hospitals in British Columbia
Choosing Wisely Canada and ORBCoN initiatives

Evolving Transfusion Medicine Practice

Learn how evidence is reshaping concepts of blood safety in blood product use

Preventing post-transfusion CMV in the era of universal leukoreduction
Are we over-irradiating blood?

Rural and International Transfusion Medicine Practice

Expanding horizons...learn about transfusion medicine practices in settings less familiar to many Canadian practitioners

Transfusion Medicine in Saudi Arabia
Quality Assessment of a Kuwaiti transfusion medicine service and lab
Transfusion Medicine challenges in rural Canada...role of the general pathologist

Transfusion medicine education, training and knowledge translation

Learn about practices to disseminate and strengthen transfusion medicine knowledge and expertise

Transforming Learning → Thinking → Lifelong Thinking
Transfusion medicine, medical undergraduate, resident, and specialty training in Canada
Physician specific & comparative transfusion utilization patterns as a tool for modifying physician transfusion practice

Serologic studies/ Immunohematology

Interesting Case Studies, a collaborative investigation between Clinicians and Technologists
Managing a young Rh Negative female patient who received Rh positive red cells

Iron, Red Cells and Bleeding

ABO incompatible renal transplantation
Managing hemoglobinopathies
Iron Overload
Managing hemophilia in China

Contingency Readiness

Lessons learned from contemporary experiences

Lessons from Ebola
Is there a role for 1:1:1 transfusion management in trauma resuscitation?
Real-world transfusion medicine examples of SHTF...what if this happened to you?
Day-to-day transfusion medicine challenges in Newfoundland and Labrador



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Hemostatic defects - from infant to adult - mechanisms and therapies

Pre-operative blood management, with emphasis on infants and JW patients scheduled for cardiac surgery
Developing a Transfusion Guide for the Sick Kids-Caribbean Initiative
Update on rare inherited bleeding disorders
Evaluation and Management of Fetal and Neonatal Alloimmune Thrombocytopenia
Pediatric bleeding emergencies: one chance to get it right

Understanding and Preventing Transfusion Risk

IgA deficiency and anaphylaxis
Clinical and experimental aspects/pathogenesis of TRALI
Animal models of platelet immune disorders

Infectious Disease Risks of Transfusion

Learn about emerging infectious threats to blood safety and mitigation measures

Viral hepatitis
Travel-related blood-borne pathogens (e.g. Chikungunya, Dengue, malaria, Zika, Ross River)
Update on bacterial contamination of platelets +/- babesiosis
Update on pathogen reduction initiatives in Canada

Blood, stem cell, organ and tissue donor issues

Learn about issues related to recruitment, eligibility assessment and retention of blood, stem cell, organ and tissue donors

Blood donor demand planning at Canadian Blood Services
Donor criteria to protect the donor and the recipient: where are we in 2016
One Match stem cell donor recruitment and eligibility issues including highlighting differences between blood and One Match donor eligibility criteria
Tapping into what motivates people to donate blood and what will keep them coming back
Effects of whole blood donation on athletic performance

Does Age of Transfused Blood Affect Clinical Outcomes?

Learn about cumulative and new evidence assessing the clinical impact of age of transfused blood

Does age of blood affect patient clinical outcomes?...overview of the evidence.
Epidemiology of blood transfusion including age of blood transfused at a populational level
Platelet storage lesion and its clinical implications

Managing Coagulation/Hemorrhage

Learn about optimal clinical management of Coagulation /hemorrhage

Managing bleeding with ROTEM
Managing perioperative bleeding in hemophilia
Advances in reversal of direct anticoagulants
Whole blood in civilian trauma resuscitation

Emerging technologies, programs and knowledge

Emerging technologies in organ and tissue transplantation
Developments towards a universal blood

Oral Abstracts



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NAC and Health Canada Updates

IVIG

Mechanism of IVIG action in autoimmune states
Theoretical use of SCIG in the Leukemia/BMT population
Recent advances in IVIG substitutes
TTP

Update on research at Hema-Quebec and Canadian Blood Services

Transfusion Issues and Trends

Effects of plasma transfusion on vascular stability and inflammation in injury
Animal models of RBC biology
History of ITP and its immunopathogenesis