

Transfusion 101 What's Your Role?

Blood Management Awareness Week
Nov 7 - 11

Wednesday, November 2, 2011
Frederic Gaspard Theatre
Basic Medical Sciences Building
727 McDermot Avenue
Winnipeg, Manitoba

Conference Agenda

- 0730 Registration
- 0745 Blood Shortage - Panic or Plan?
Dr. Susan Nahirniak, Medical Director,
Transfusion Medicine, University of Alberta
Hospital
- 0845 Welcome Address
- 0900 Blood Conservation Strategies - Role of the Anesthetist
Dr. Scott Wolfe, Anesthetist & S.W.A.T. Team Member, Health Sciences Centre
- 0930 Blood Conservation Strategies - What the Surgeon Can Do
Dr. Brian Muirhead, Medical Manager, WRHA Blood Conservation Service
- 1000 Coffee Break
- 1030 Plasma to Red Cell Ratios in Massive Transfusion
Dr. Ryan Zarychanski, Asst. Professor, Internal Medicine & Community Health Sciences, University of Manitoba
- 1115 Electronic Issuing (or Crossmatching) of Red Cells
Robert Fallis, Director, Diagnostic Services, Canadian Blood Services
- 1145 International Awards - MB Bleeding Disorders
- 1200 Lunch (on your own)
- 1300 Blood in "Jeopardy"
WRHA Blood Conservation Service
- 1330 Blood Management in Rural Manitoba
Cathy Rudd, Senior Technologist for Hematology & Transfusion Medicine, Boundary Trails Health Centre
- 1400 Coffee Break
- 1430 Canadian Blood Services Behind the Scenes - Research & Development
Dr. Jason Acker, Senior Scientist, Canadian Blood Services and Associate Professor, Laboratory Medicine & Pathology, University of Alberta
- 1500 Transfusion Practice - A Fluid Process
Shauna Boitson, Clinical Manager, Oncology & Hospice, Grace General Hospital
- 1530 Closing Remarks



Accreditation

This event is an accredited group learning activity (section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada, and approved by the University of Manitoba for a maximum of 6.0 credit hours. Participants should only claim credit for actual number of hours attended.

Competency: Continuing competency credit for Canadian Nurses Association, College of Registered Nurses of Manitoba, and the College of Medical Laboratory Technologists of Manitoba.



Certificate of Attendance

Participant Name (print): _____

Signature: _____

Licence Number: _____

Time	Presenter	Presentation	Contact Hours	Hours Attended
0745	Dr. Susan Nahirniak	Blood Shortages - Panic or Plan?	1.0	
0900	Dr. Scott Wolfe	Blood Conservation Strategies: Role of the Anesthetist	0.5	
0930	Dr. Brian Muirhead	Blood Conservation Strategies: What the Surgeon Can Do	0.5	
1030	Dr. Ryan Zarychanski	Plasma to Red Cell Ratios in Massive Transfusion	1.0	
1115	Robert Fallis	Electronic Issuing (or Crossmatching) of Red Cells	0.5	
1300	WRHA Blood Conservation Service	Blood in "Jeopardy"	0.5	
1330	Cathy Rudd	Blood Management in Rural Manitoba	0.5	
1430	Dr. Jason Acker	Canadian Blood Services Behind the Scenes - Research & Development	0.5	
1500	Shauna Boitson Exhibits	Transfusion Practice - A Fluid Process	0.5	
Total Credit Hours			6.0	

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Learning Objectives

BLOOD SHORTAGES - PANIC OR PLAN

Objectives are to highlight the National Blood Contingency Plan and identify areas in which provincial collaboration is crucial; to identify key elements of effectively dealing with a blood shortage; and to discuss the national recommendations for how to allocate blood to patients who may require massive transfusion in the context of a blood shortage.

BLOOD CONSERVATION STRATEGIES: THE ROLE OF THE ANESTHETIST AND WHAT THE SURGEON CAN DO

Attendees will develop an understanding of the complications of perioperative anemia and transfusion, be made aware of what mechanisms are in place to prevent or correct anemia, and learn how to treat large blood loss in the perioperative period.

PLASMA TO RED CELL RATIOS IN MASSIVE TRANSFUSION

Objectives are to summarize literature evaluating the effect of varying plasma to red cell ratios in patients requiring massive transfusion; to discuss important limitations of these studies to date; and to present the methodology and results of a recently completed multicentre study in patients requiring massive transfusion in the WHRA .

ELECTRONIC ISSUING (OR CROSSMATCHING) OF RED CELLS

Attendees will understand electronic issuing (or cross-match); the current standards required; recent experience in Manitoba with electronic issuing; advantages and disadvantages; the pros and cons as to why two ABO/Rh on patient samples; and what is happening now to make electronic issuing available on site at Manitoba hospitals.

BLOOD IN “JEOPARDY”

Objectives are to provide information about blood conservation strategies, risks associated with blood, iron deficiency, autologous donation and anemia; and to provide a better understanding of what the WRHA Blood Conservation Service provides to the pre-surgical patient.

BLOOD MANAGEMENT IN RURAL MANITOBA

Objectives are to provide an understanding of rural challenges with the blood supply, the growth and uniqueness of Boundary Trails Health Center (BTHC), BTHC initiatives, continuing challenges, and what the future holds for rural Manitoba.

CANADIAN BLOOD SERVICES BEHIND THE SCENES - RESEARCH & DEVELOPMENT

Objectives are to describe the role that Canadian Blood Services has in the transfusion medicine research community in Canada; and to understand the capacity that the Network Centre for Applied Development (netCAD) and the CBS Quality Monitoring Program provides transfusion science research in Canada.

TRANSFUSION PRACTICE - A FLUID PROCESS

Attendees will become knowledgeable about the tools, resources and processes that have been implemented and evaluated within the Winnipeg Health Region reflecting best practice for transfusion practices for health care providers. They will also develop an awareness of the successes and barriers to successful implementation from the perspective of leaders, direct care providers, and patients.



Coordinators

Blood Day is coordinated by the following organizations:

- Canadian Blood Services
- WRHA Blood Conservation Service
- Manitoba Health
- Diagnostic Services of Manitoba

For more information about Blood Day, contact the WRHA Blood Conservation Service at (204) 787-1277 or visit their website at www.bloodconservation.mb.ca.

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