

DATE:	3 April 2023
TO:	Physicians and Nursing Staff, All Zones
FROM:	APL Transfusion Medicine
RE:	Updates to Transfusion Medicine Client Resources

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Key Message

- New and revised Transfusion Medicine resources are available on www.ahs.ca/labtransfusion.
- These resources provide information to support safe and appropriate transfusion practice in alignment with the [AHS Transfusion of Blood Components and Blood Products Policy](#)

Background

- Blood Component & Product Information / Monographs provide specific information required for obtaining, preparing, and transfusing blood components and products available in Alberta hospitals.
- Blood Selection Policies provide information on the appropriate use of blood components.

Action Required

- Review the most current version of the applicable Blood Component or Product Information / Monograph before transfusion.

Document	Rev #	Rev Date	Notes
New Resources			
Prescriber Information – Autologous and Directed Donations	1.00	Feb 2023	New resource for prescribers regarding Autologous and Directed Donations
TM40-05.010 Risk Assessment for Patient Transport During Blood Transport	1.00	Jan 2023	New resource for risk assessment for transfusion during transport
Revised Resources			
Transfusion of Blood Products and Components Documentation Form for North Zone Meditech Sites	1.01	Jan 2023	Changes made to align with the revised Transfusion of Blood Components and Blood Products policy PS-59 (revised February 2022).
Blood Inventory in Alberta Hospitals	N/A	Feb 2023	Updated Inventory availability at sites across Alberta



Document	Rev #	Rev Date	Notes
Grande Prairie Regional Hospital – Clinical Resource Document Massive Hemorrhage protocol Adult/Ped	1.00	Feb 2023	<ul style="list-style-type: none"> • Included step that clinical location is to designate runner to transport blood products from TM lab to the patient care area • Added low titer group A plasma as a possible blood component for patients with unknown ABO group • Added that MHP activation can only occur once the patient has been arrived on site and registration information can be provided. • Updated “Procedure” steps to streamline content including info to order MHP in Connect Care to initiate lab orders and medications (but not blood components or products). • Updated “Physiologic Goals” section re fibrinogen levels for obstetrical (>2.0g/L) and trauma (>1.5g/L) bleeds, re maintaining patient’s temperature (>36°C).
Transfusion of Blood Components and Blood Products Policy FAQs	1.00	Jan 2023	<ul style="list-style-type: none"> • Two-year requirement for education and competency (see more information under Education and Competency). • Expanded competency statements including clarifying required education and training expectations for all health care providers. • Reordering of the sections to reflect the sequence that activities involved in blood component and blood product transfusion occur. • Expanding and clarifying content for activities that we know are error prone (from RLS and SIM lab reports). • Addition of a new section called Emergency Unmatched Transfusion. • Aligning with Connect Care workflows. • Clarity to the two-person verbal check process. • Direction on management of medication with a blood transfusion. • Clarity for infusion rates for the first 15 minutes of blood component transfusions. • Practice about pre-transfusion vital signs, vital signs requirements during the first 15 minutes of blood component transfusions, and monitoring post-transfusion requirements.

Questions/Concerns

- APL Transfusion Safety Team - Transfusion.SafetyTeam@aplabs.ca

Approved by

- Dr. Susan Nahirniak, Medical Director, APL Transfusion and Transplantation Medicine Program