



Team Name: Acute Care Team	Reference Number: CLI.4510.PL.006
Team Lead: Director - Acute Community Hospitals	Program Area: Across Hospital Units
Approved by: Regional Lead - Acute Care & Chief Nursing Officer	Policy Section: General
Issue Date: November 1, 2018	Subject: Transfusion of Blood and Blood Products
Review Date:	
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Use of pre-printed documents: Users are to refer to the electronic version of this document located on the Southern Health-Santé Sud Health Provider Site to ensure the most current document is consulted.

POLICY SUBJECT:

Transfusion of Blood and Blood Products

PURPOSE:

To ensure compliance with Health Canada Blood Regulations that results in safe administration of blood and blood products by following standardized procedures defined in *Manitoba Transfusion Best Practice Resource Manual*.

BOARD POLICY REFERENCE:

Executive Limitation (EL-02) – Treatment of Clients

Executive Limitation (EL-01) – Global Executive Restraint and Risk Management

POLICY:

Southern Health-Santé Sud adopts and endorses the Standard Operating Procedures (SOPs) defined within *Manitoba Transfusion Best Practice Resource Manual* as regional policies and procedures that identify best practices for safe administration of blood and blood products.

All nurses involved in the administration of blood and blood products meet competency requirements defined in *Manitoba Transfusion Best Practice Resource Manual*: Section 4.

IMPORTANT POINTS TO CONSIDER:

Despite precautions, transfusion therapy carries risks. To minimize risks, safety measures have been defined by Transfusion Manitoba that encompass processes from donor collection, product preparation, transfusion to a recipient, and follow-up.

The SOPs in the *Manitoba Transfusion Best Practice Resource Manual* are based on the standards of the relevant accrediting bodies and are meant to translate for nurses what is expected of them in regards to safe and efficient administration of blood and blood products.

These have been written to offer flexibility and encourage critical thinking. However, when the term “shall” is used in the SOPs, the action is a mandated standard and compliance is required.

PROCEDURE:

1. The prescriber provides a written order for blood and blood products on the patient’s health record.
2. The prescriber obtains informed consent from the patient or designate as per Consent for Procedures, Treatment and Investigations (CLI.4110.PL.001) and documents on the Consent to Procedure, Treatment, or Investigation Bilingual consent form (CLI.4110.PL.001.FORM.01). Should the patient and/or designate refuse the recommended treatment, the Waiver of Responsibility Form (CLI.4110.PL.001.FORM.03) is completed.
3. The prescriber documents the consent discussion on the Integrated Progress Notes (CLI.4510.PR.002.FORM.01).
4. Once a written prescriber order for blood or blood products is confirmed, the nurse reviews:
 - the electronic version of *Manitoba Transfusion Best Practice Resource Manual* found at [Transfusion Manitoba](#) to guide the transfusion of blood and blood products
 - the *Transfusion of Blood and Blood Products Algorithm* (CLI.4510.PL.006.SD.01)
 - the applicable [Product Monograph](#) for the blood and blood product to be administered
5. Review with the patient / designate the [Blood Transfusions What You Should](#) handout. Review with patients the potential adverse events and the need to notify the nurse immediately should such adverse events present.
6. Proceed with the preparation and administration of blood and blood products
7. Document on the [Transfusion Manitoba Cumulative Blood Record](#)
8. Monitor and report transfusion reactions based on the [Transfusion Reaction Algorithm](#) (*Manitoba Transfusion Best Practice Resource Manual*, Appendix 10).
9. Following the transfusion
 - provide patient and/or designate with Patient Notification Record: Administration of Blood/Blood Products
 - provide and review with patient and/or designate, After Receiving a Blood Product: Patient Information Handout

Education:

All nurses involved in the administration of blood and blood products completes the required education competencies as outlined in the *Manitoba Transfusion Best Practice Resource Manual* including but not limited to:
Transfusion Medicine Best Practices on eHealth Learning Management System (LMS)
Safe transportation of blood products.

Quality Improvement:

- Annually, complete the Safe Blood and Blood Products Administration Audit (CLI.4510.PL.006.FORM.01) by conducting a retrospective audit of patients’ charts.
- Regional Centre: a minimum of 10 patient charts.
- Acute Community sites: a minimum of 5 patient charts.
- Shared Health – Diagnostic Staff randomly select patients who received a blood transfusion over the past 12 months. For patients identified who may have had multiple transfusions over the said period, audit one (1) transfusion.

- The local interdisciplinary team reviews audit results, identifies opportunities for improvement and develop an action plan. The results and the action plan are submitted to the respective program.

SUPPORTING DOCUMENTS:

CLI.4510.PL.006.FORM.01	Safe Blood and Blood Products Administration Audit
CLI.4510.PL.006.SD.01	Transfusion of Blood and Blood Products Algorithm
CLI.4510.PL.006.SD.02	After Receiving a Blood Product Patient Information Handout
CLI.4110.PL.001	Consent for Procedures, Treatment and Investigations
CLI.4110.PL.001.FORM.01	Consent to Procedure, Treatment, or Investigation Bilingual
CLI.4110.PL.001.FORM.03	Waiver of Responsibility Form
CLI.4510.PR.002.FORM.01	Integrated Progress Notes

REFERENCES:

Elsevier Clinical Skills website. (2023). Retrieved from <https://elsevier.com> .

[Cumulative Blood Product Record \(CBPR\)
https://healthproviders.sharedhealthmb.ca/files/cumulative-blood-product-record.pdf](https://healthproviders.sharedhealthmb.ca/files/cumulative-blood-product-record.pdf)

<https://healthproviders.sharedhealthmb.ca/files/sample-patient-information-sheet-on-risks-of-transfusion.pdf>

[Patient Notification Record: Administration of Blood/Blood Products](https://healthproviders.sharedhealthmb.ca/files/patient-notification-card-sample.pdf)

<https://healthproviders.sharedhealthmb.ca/files/patient-notification-card-sample.pdf>

Transport of Blood, Blood Components and Plasma Protein Products (Within a Facility) [Shared Health Transfusion Medicine Manual Policy 160-INV-17].

Transfusion Manitoba. (2019) [Manitoba Transfusion Best Practice Resource Manual – April 2019](#).

Winnipeg, MB: Author. Retrieved from

<https://healthproviders.sharedhealthmb.ca/files/bbm-best-practice.pdf>

[Transfusion Reaction Algorithm](https://healthproviders.sharedhealthmb.ca/files/transfusion-reaction-algorithm.pdf) <https://healthproviders.sharedhealthmb.ca/files/transfusion-reaction-algorithm.pdf>