

# Blood Transfusion Clinical Practice Manual

This manual offers guidelines, information and understanding about blood transfusion processes and blood components and products. The table below provides routine information as well as special circumstances that require specific action.

Following the table, sections detailing transfusion processes as well as the components and products are listed. Quick guides with checklist and chart format are also included.

Click on the title to access the link and open the PDF file to review the material.

Search a document by selecting “control” and “f” on the keyboard.

Type the key words in the search box.

Transfusion Order Guidelines		
<p><b>Adult</b> Transfusion Guidelines</p> <p><a href="#">Guidelines</a></p> <p><a href="#">Transfusion Guidelines Visual Aid</a></p>	<p><b>Neonatal</b> Transfusion Guidelines</p> <p><a href="#">Guidelines</a></p>	<p><b>Pediatric</b> Transfusion Guidelines</p> <p><a href="#">Guidelines</a></p>
		<p><a href="#">Neonatal and Paediatric Blood Components Visual Aid</a></p>
Transfusion General Patient Care		
<p>Pre-transfusion <b>Sample Collection</b></p> <p><a href="#">Quick Guide</a></p>	<p><b>Administration</b> of Blood Products</p> <p><a href="#">Quick Guide</a></p> <p><a href="#">Documenting the Transfusion</a></p>	<p><a href="#">ABO/Rh Compatibility Table</a></p>
Specific Transfusion Clinical Situations		
<p><a href="#">Massive Hemorrhage Protocol (MHP)</a></p>		<p><a href="#">Paediatric Massive Hemorrhage Protocol ( PAED MHP)</a></p>
<p><a href="#">St. Joseph’s Health Care Parkwood Hospital Kidney Care Centre</a></p>	<p><b>TRAC (Transfusion ReAction Course) – <a href="#">Acute Reaction Management</a></b></p> <p><a href="#">How to report a Transfusion Reaction</a></p>	<p><a href="#">Urgent Reversal of Anticoagulants</a></p>
IVIG (Intravenous Immune Globulin), Home infusion: SCIG (Subcutaneous Immune Globulin), C1-Esterase Inhibitor (Berinert/Cinryze), A-1 Proteinase Inhibitor (Human) Injection Glassia quick Links		
<p><a href="#">IVIG Dose Calculator</a></p> <p><a href="#">Ontario IG Utilization Management Guidelines</a></p> <p><a href="#">LHSC Pre-approved IG Indications</a></p> <p><a href="#">IVIG rate recommendations</a></p>	<p><a href="#">MOHLTC IVIG Request Forms</a></p> <p>All <b>Non-Neurology</b> Indications <b>Neurology</b> Indications</p>	<p><a href="#">SCIG Process Explained</a></p> <p><a href="#">SCIG FORMS:</a></p> <p>Cuvitru Hizentra</p> <p><a href="#">fSCG Forms: HYQVIA</a></p> <p><b>C1-Esterase Inhibitor:</b> <a href="#">Berinert</a> <a href="#">Haegarda</a>, <a href="#">Glassia Forms</a></p>

<b><a href="#">References</a> – Bloody Easy, Transfusion Medicine website</b>		

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## B. [Blood Transfusion Clinical Practice Manual Information](#) Including Introduction, Contacts, Disclaimer, Abbreviations, Glossary of Terms & Acknowledgments

## C. Pre-transfusion

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- [Urgent Transfusion / Uncrossmatched Blood](#)
- [Consent for Blood Transfusion](#)
- [Refusal of Blood Transfusion](#)
- [Laboratory Tests Group and Screen, BTLCT: Orders and Results](#)
- [Pre-transfusion sample collection](#)
- [Preparing the Patient](#)

## D. Administration of Blood Components and Fractionated Blood Products

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- [Tubing, Filters, and Intravenous Fluid](#)
- Infusion Devices
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  - v) [Transporting Patients with Blood Components and Blood Products infusing](#)

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- [Types of Transfusion Reactions \(including causes & symptoms\)](#)
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- [Symptoms of a Transfusion Reaction](#)

## F. Blood Components

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- [Packed Red Blood Cells](#)
- [Platelets](#)
- **Plasma**
  - i) [Plasma \(FP, AFFP\)](#)
  - ii) [Cryosupernatant Plasma](#)
  - iii) [Solvent Detergent Treated Plasma](#)
- [Cryoprecipitate](#)
- [Special Requirements: Blood Components](#) – CMV Safe, Irradiated, HLA Platelets, Preservative Depleted, Volume Reduced, Washed

## G. Fractionated Blood Products / Blood Products (Derivatives)

- **Albumin**

[Albumin](#)

- **Factor Concentrates:**

- i) [Anti-Inhibitor Coagulation Complex FEIBA®](#)
- ii) [Factor VII Human](#)
- iii) [Factor VIIa Recombinant Niasase RT®](#)
- iv) [Factor VIII Adynovate® EHL](#)
- v) [Factor VIII Eloctate® EHL](#)
- vi) [Factor VIII Kovaltry® SHL](#)
- vii) [Factor VIII Nuwig® SHL](#)
- viii) [Factor VIII Xyntha® SHL](#)
- ix) [Factor VIII Obizur®, Recombinant Porcine Sequence](#)
- x) [Factor IX Alprolix® EHL](#)
- xi) [Factor IX Benefix® SHL](#)
- xii) [Factor IX Rebinyn® EHL](#)
- xiii) [Factor X Human](#)
- xiv) [Factor XI Concentrate](#)
- xv) [Fibrinogen Concentrate](#) RiaSTAP®, FIBRYGA®
- xvi) [Prothrombin Complex Concentrate \(PCC\)](#) Octaplex®, Beriplex®
- xvii) [Von Willebrand Factor Complex HumateP®](#)
- xviii) [Von Willebrand Factor Complex Wilate®](#)

- **Immune Globulins**

- i) [Cytomegalovirus \(CMV\) Immune Globulin CytoGam®](#)
- ii) [Hepatitis B Immune Globulin HyperHEP B® – stocked at VH](#)
- iii) [Hepatitis B Immune Globulin HepaGam B® stocked at UH](#)
- iv) [Immune Serum Globulin GamaSTAN®](#)
- v) [Intravenous Immune Globulin \(IVIG\)](#) Gammagard Liquid®, Gammagard S/D®, Gamunex®, IVIGNex®, Privigen®, Panzyga®, Octagam®
- vi) [Rh Immune Globulin WinRho®](#)
- vii) [Subcutaneous Immune Globulin \(SCIG\)](#) Cuvitru®, Cutaquig®, Hizentra®
- viii) [Varicella Zoster Immune Globulin VariZIG®](#)

- **Other**

- i) [Anti-thrombin III](#)
- ii) C1 Esterase Inhibitors [Cinryze®](#), [Berinert®](#), [Haegarda®](#)
- iii) [Emicizumab Hemlibra®](#)
- iv) [Hemin Panhematin®](#)
- v) [Glassia®](#)

## H. [Health Canada Access Program](#)

## I. [Patient Blood Management Program](#)