

Transfusion Medicine @ MSJ

Did you know?

Pre-transfusion testing (a.k.a. "Type & Screen") is **not** performed on-site.

**(And it has been this way since 2004!)*



What actually happens when I order a Type & Screen?

Tests are sent to St. Paul's Hospital Transfusion Medicine Laboratory.

Then, if your patient needs a blood transfusion, and does not have antibodies (luckily ~98% of patients do not have antibodies!), SPH Lab electronically issues a unit of blood from the Blood fridge located at MSJ and Laboratory staff at MSJ issue the product to your patient.

** Note, if urgent bleeding precludes waiting for T&S completion, there are O- units designated for use as un-crossmatched emergency issue product.*

What inventory is available on-site?

<u>RBC's</u>	<u>#Units</u>	<u>RBC's</u>	<u># Units</u>
O+	10-16	O-	4-8
A+	6-10	A-	0-2
B+	5-10	B-	0-2
AB+	2-4	AB-	0

<u>Plasma Protein Products</u>	<u># Vials</u>
5% Albumin (250 mL)	2-6
25% Albumin (100 mL)	6-12
RhIg 1500 IU (300 mcg)	1-3
IVIG ("Privigen") 10 g	2-4
	20 g
Prothrombin Complex Concentrate 500 IU (PCC; "octaplex")	4-10
HBIG	1-2
VZG	0-625 IU

<u>Frozen Plasma</u>				
<u>Group</u>	O	A	B	AB
<u># Units</u>	2	2	2	6

*** Platelets &/or other plasma protein products not routinely stocked at MSJ (e.g. Berinert for HAE, Factor VIII for Hemophilia, etc.) can easily be sent over from SPH.**

What do the Data show?

In 2014 & 2015 at MSJ, 695 red cells were issued to 225 patients.

** The majority of the red cells issued at MSJ were proper crossmatch-compatible units.*

** The use of O negative un-crossmatched units at MSJ is a rare occurrence.*

Who can I contact for more information?

Check out the Providence Laboratory website @ www.providencelaboratory.com

Transfusion Medicine information is found under the Clinical Services tab @ www.providencelaboratory.com/hem_transfusion.php

Dr. Karen L. Dallas is the Medical Lead for Transfusion Medicine and can be reached by email: KDallas@providence.bc.ca or Mobile phone: (604) 230-3182