

TRAINING UPDATE

Lab Location: SGAH and WAH **Date Implemented:** 01.30.2015
Department: Blood Bank **Due Date:** 02.15.2015

DESCRIPTION OF PROCEDURE REVISION

Name of procedure:

Washed Red Blood Cells for Transfusion

Description of change(s):

I removed the references to codabar units in this procedure.

Electronic Document Control System



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Title: WASHED RED BLOOD CELLS FOR TRANSFUSION

Owner: LESLIE.X.BARRETT LESLIE BARRETT

Status INWORKS

Effective Date: 28-Feb-2015

Next Review Date:

Non-Technical SOP

Title	Washed Red Blood Cells for Transfusion	
Prepared by	Stephanie Codina	Date: 12/15/2010
Owner	Stephanie Codina	Date: 12/15/2010

Laboratory Approval		
Print Name and Title	Signature	Date
<i>Refer to the electronic signature page for approval and approval dates.</i>		
Local Issue Date:		Local Effective Date:

Review:		
Print Name	Signature	Date

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1. PURPOSE

Washed red blood cells are cellular blood products that are washed in saline to remove or reduce the amount of plasma, anticoagulant, preservative, leukocytes, platelets, and other cellular debris. Red blood cells are also washed to remove high levels of potassium for neonates in certain situations.

2. SCOPE

Washed red blood cells are indicated for the following situations:
 A. Multiple progressive allergic reactions in the recipient
 B. Antibodies against immunoglobulin A (IgA) in the recipient when IgA-deficient cellular blood products are not available
 C. Antibodies against haptoglobin in the recipient
 D. To remove high levels of potassium prior to neonatal transfusion (in some situations)

3. RESPONSIBILITY

All blood bank staff members must understand when washed red blood cells are indicated and how to order and process them.

4. DEFINITIONS

None

5. PROCEDURE

Step	Action
1	When washed red blood cells are ordered for a patient, the "IGAD" marker is placed into the patient's historical blood bank information. A. Refer to procedure, "Entering Special Transfusion Attributes into the LIS."

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Step	Action
	B. If the washed red cells are ordered for a neonate, add a comment indicating such. The patient will not need washed red cells permanently.
2	Washed red blood cells are not manufactured in-house and must be ordered from a blood supplier. A. The American Red Cross in Baltimore does not wash red cells. B. If time does not permit transfer of washed red blood cells into the region, frozen deglycerolized red blood cells are an equivalent, alternative product.
3	Contact the American Red Cross Reference Laboratory to order the product. A. Provide ARC with the recipient's name, blood type, antigen typing (if indicated), number of units needed, and date/time of transfusion. B. Request the time that the units will be available and dispatch a courier to pick up the units from Baltimore. C. Note: Washed red blood cells have an expiration date of 24 hours. Efficient transport is critical.
4	When the units arrive in the blood bank, process them per procedure, "Entering Blood Products Into Inventory."
5	Crossmatch and issue the blood products per routine procedures.
6	Washed and/or deglycerolized red blood cells are stored at 1-6°C for up to 24 hours.

6. RELATED DOCUMENTS

- SOP: Entering Special Transfusion Attributes into the LIS
- SOP: Entering Blood Products into Inventory

7. REFERENCES

1. Fung, M.K., Grossman, B.J., Hillyer, C.D., Westoff, C.M., 2014. Technical Manual of the AABB, 18th ed. AABB Publishing, Bethesda, Maryland.
2. Standards for Blood Banks and Transfusion Services, 29th ed. AABB Publishing, Bethesda, Maryland.

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8. REVISION HISTORY

Version	Date	Reason for Revision	Revised By	Approved By
		Supersedes SWB.022.000		
000	1.27.2015	Section 5: Removed codabar referenced from procedure. Footer: version # leading zero's dropped due to new EDCS in use as of 10/7/13	SCodina	NCacciabeve

9. ADDENDA AND APPENDICES
N/A

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