



University of Washington Medical Center 1959 NE Pacific Street. Seattle, WA 98195 Transfusion Services Laboratory Policies and Procedures Manual	Original Effective Date: 10-28-2020	Number: PC-0090.01
	Revision Effective Date:	
TITLE: Quarantine and Final Disposition of Blood Components at Northwest Campus		

PURPOSE:

Provide instructions for quarantine and/or disposition of blood products to prevent transfusion when there is a concern regarding the safety, purity or potency of the blood component

LOCATION:

Northwest Transfusion Support Service (TSS)

PRINCIPLE & CLINICAL SIGNIFICANCE:

Blood components suspected to be unsuitable for transfusion must be removed from the available inventory until appropriate disposition of the component can be determined.

Components shipped from the blood supplier with defects such as clots, hemolysis in the segments or when a component(s) is recalled by supplier due to post donation information may be eligible for credit. Depending on the reason for recall, the supplier may request the component returned or disposed of on-site at the receiving facility.

POLICIES:

- Blood components will be physically and electronically sequestered from the general inventory to prevent inadvertent issue while acceptability for transfusion is investigated and resolved
- Blood components quarantined at Northwest TSS must be labeled with a “Quarantine” sticker prior to return to Montlake Transfusion Service Laboratory (TSL) to prevent inadvertent allocation and issue to a patient.
- Blood components are quarantined for the following:
 - Component fails visual inspection
 - Supplier recall or market withdrawal
 - Testing error
 - Test results identify a component as unacceptable for transfusion
 - Components not maintained at appropriate storage or transport temperatures
 - Shipping container is damaged or there is evidence of leakage
 - Coolant or temperature stabilizing materials are incorrect or inadequate during shipping or transport
 - Anytime the purity, potency or safety of the blood component is in question
- Montlake TSL will notify NW TSS of supplier recalls, market withdrawals and testing errors. Components must then be quarantined and shipped back to Montlake TSL for investigation and final disposition.
- Once electronically quarantined, components cannot be placed into “In-Transit” status in Sunquest to document shipping and return to Montlake TSL.

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- Quarantined blood components must be packed and sent in separate shipping containers from non-quarantined components. Do not mix quarantined and non-quarantined blood components in the same shipping container.
- Montlake TSL Manager (Operation or Quality) will determine final disposition of quarantined blood components

SPECIMEN REQUIREMENTS:

NA

REAGENTS/SUPPLIES/EQUIPMENT:

Reagents:	Supplies:	Equipment:
NA	<ul style="list-style-type: none"> • Quarantine stickers • QI Form • Blood Component Quarantine Form 	<ul style="list-style-type: none"> • LIS • Fax/Copy Machine

QUALITY CONTROL:


NA

INSTRUCTIONS:

TABLE OF CONTENTS:

[Quarantine and Disposition Blood Components in Sunquest](#)
[Returning Quarantined Blood Components to Montlake TSL](#)

Quarantine and Disposition of Blood Components in Sunquest

Step	Action	
1	Physically remove blood components from inventory	
2	Place a Quarantine sticker on the component without obscuring the face label	
3	Quarantine the component in Sunquest <ul style="list-style-type: none"> • Log into SQ location: NW  <ul style="list-style-type: none"> • Select Blood Status Update • Select 'Unit Update' in Update Option field • Scan Unit # and Product code in the appropriate fields • Tab through Date/Time or update as necessary following downtime recovery 	
4	If component is	Then select the following from the 'New Status' field drop-down menu
	Intact	<ul style="list-style-type: none"> • 'QU' (Quarantined) • Press <TAB>
	Broken	<ul style="list-style-type: none"> • DS' (Discarded) • Press <TAB>

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Step	Action						
5	<ul style="list-style-type: none"> • Enter CQI code in the reason field • Click <Add> • Click <Unit Location> select NWBB • Click <Ok> • Click <Save> • Click<Exit> 						
6	Fill out a Quality Improvement (QI) form clearly explaining the reason for quarantine or discard						
7	<table border="1"> <thead> <tr> <th>If component is</th> <th>Then</th> </tr> </thead> <tbody> <tr> <td>Intact</td> <td> <ul style="list-style-type: none"> • Place in the designated QUARANTINE area of appropriate storage device until ready to pack and return to Montlake TSL • Go to section Returning Quarantined Blood Components to Montlake TSL </td> </tr> <tr> <td>Broken</td> <td> <ul style="list-style-type: none"> • Discard in a biohazard container • Send the completed QI to Montlake TSL </td> </tr> </tbody> </table>	If component is	Then	Intact	<ul style="list-style-type: none"> • Place in the designated QUARANTINE area of appropriate storage device until ready to pack and return to Montlake TSL • Go to section Returning Quarantined Blood Components to Montlake TSL 	Broken	<ul style="list-style-type: none"> • Discard in a biohazard container • Send the completed QI to Montlake TSL
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Returning Quarantined Blood Components to Montlake TSL

Step	Action						
1	Complete Section A of the <i>Blood Component Quarantine Log</i>						
	<table border="1"> <thead> <tr> <th>Section</th> <th>Completed by</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Northwest TSS</td> </tr> <tr> <td>B</td> <td>Montlake TSL</td> </tr> </tbody> </table>	Section	Completed by	A	Northwest TSS	B	Montlake TSL
	Section	Completed by					
A	Northwest TSS						
B	Montlake TSL						
2	Pack blood component(s) in appropriate shipping container - refer to SOP <i>Returning Blood Components to Montlake from Northwest Campus</i>						
3	Send the QI form and <i>Blood Component Quarantine Log</i> along with components to Montlake TSL						

CALCULATIONS/INTERPRETATIONS/RESULTS REPORTING/NORMAL VALUES/CRITICAL VALUES

NA

CALIBRATION:

NA

PROCEDURE NOTES AND LIMITATIONS:

- This procedure does not apply to partially transfused components involved in a suspected transfusion reaction. These units will remain in issued or transfused status in Sunquest and returned to the Montlake TSL as per SOP ***Transfusion Reaction Workflow at Northwest Campus***

REFERENCES:

- Technical Manual. Bethesda, MD: AABB Press, current edition
- Standards for Blood Banks and Transfusion Services. Bethesda, MD: AABB Press, current edition

RELATED DOCUMENTS:

Form Quality Improvement

Form Blood Component Quarantine Log

SOP Visual Inspection of Blood Components at Northwest Campus

SOP Returning Blood Components to Montlake from Northwest Campus

SOP Transfusion Reaction Workflow at Northwest Campus

APPENDIX:

NA

TITLE: Quarantine and Final Disposition of Blood Components at Northwest Campus

**Number:
PC-0090.01**

UWMC SOP Approval:

**UWMC CLIA
Medical Director**


Mark H. Wener, MD

Date 10/20/20

**Transfusion
Service Manager**


Nina Sen

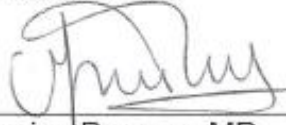
Date 10/20/20.

**Compliance
Analyst**


Christine Clark

Date 10-20-2020

**Transfusion
Service
Medical Director**


Monica Pagano, MD

Date 10-20-2020

UWMC Biennial Review:

_____ Date _____

_____ Date _____