



University of Washington Medical Center
1959 NE Pacific Street, Seattle, WA 98195
Transfusion Services Laboratory
Policies and Procedures Manual

Original Effective Date:
03-11-16
Revision Effective Date:
04-22-18

Number:
PC-0001.02

TITLE: Blood Component Preparation

PURPOSE

To provide instruction for documenting processing and modification of components in Sunquest or on the Downtime Component Prep Log when Sunquest is unavailable

PRINCIPLE & CLINICAL SIGNIFICANCE

FDA requires documentation of blood component modifications including date and time of processing and person(s) performing each step. Depending on the process performed, the component type/code, volume, division and/or expiration date/time may change. These changes must be documented and the component label updated to reflect these changes prior to issue.

POLICIES

- Physical modification of blood components is performed prior to documentation of the process in Sunquest or on the Downtime Component Prep Log
- Do not separate divided products until the label check has been performed
- When multiple processes are applied to the same blood component, document each individual process when completed before performing additional processes
- Supplies used during product modification must be documented in Sunquest or on the Downtime Blood Component Prep Log
- Weld checks made using the sterile tubing welder must be documented in Sunquest or on the Downtime Blood Component Prep Log

SPECIMEN REQUIREMENTS NA

REAGENTS/SUPPLIES/EQUIPMENT:

Reagents	Supplies	Equipment
NA	Refer to SOP specific for the modification being performed	<ul style="list-style-type: none"> • BB LIS • Bar-code scanner

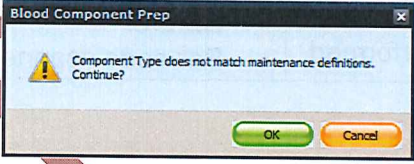
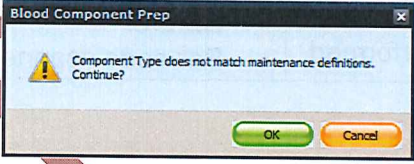
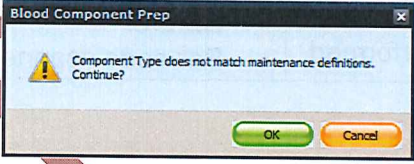
QUALITY CONTROL:

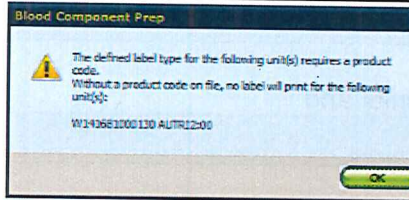
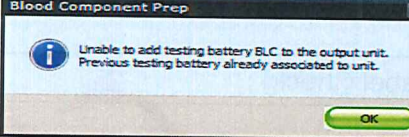
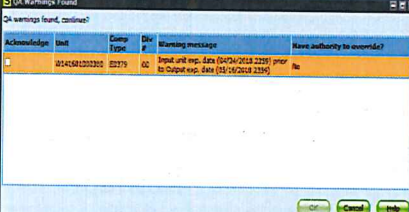
The LIS is validated upon implementation and upgrades.

INSTRUCTIONS

TABLE of CONTENTS:

- General Component Processing**
- Dividing Products**
- Reconstituting Products**
- Blood Label Check**
- Adding Unit Testing in BOP**
- Blood Label Reprint**
- General Component Processing**

STEP	ACTION																																				
1	Open Blood Component Preparation (BCP) in Sunquest																																				
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4	<ul style="list-style-type: none"> Verify the correct shift is entered in the Shift field Enter any additional processing tech IDs (if applicable) Click <Add> Click <Continue> 																																				
5	<ul style="list-style-type: none"> Scan the <u>Unit #</u> and <u>Component type</u> in the appropriate fields Scan the <u>Division #</u> (if applicable) <p>NOTE: Although the component code may prefill after scanning the unit #, scanning of the component code is required to ensure the correct component is selected</p>																																				
6	Respond to any messages that appear such as the following																																				
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		<ul style="list-style-type: none"> • Click <OK> • Use Blood Label to reprint the label and perform the Blood Label Check following modification of the component
		<ul style="list-style-type: none"> • Click 'OK' • This is a reminder to perform the label check following the product modification
		<p>Acknowledge the warning and update the output expiration date/time to be no later than the input expiration date/time and in accordance with the processing expiration limits listed below in step 8.</p>

7 Fill in all yellow highlighted fields that are blank in the 'Unit Data' section prior

Verify the expiration date and time are accurate even if auto filled by the system

Process	Component	System Type	Expiration Date/time Limits
Irradiation	Platelets	Closed	No change
Irradiation	RBC	Closed	Original expiration or 28 days from date of irradiation, whichever is sooner
Washing	Platelets	Open	4 hours from spiking
Washing	RBC	Open	24 hours from spiking
Thawing	Plasma	Closed	5 days from thawing
Thawing	Prepooled Cryo	Closed	6 hours from thawing
Combining	Platelet Pheresis	Closed	24 hours from combining

NOTE: Expiration dates/times **MUST ALWAYS** be selected by the shortest outdate of the original unit or the modified unit.

9 Click <Save> when all entries are entered and verified

10 Click <Finish> when the preview output/new units box appears

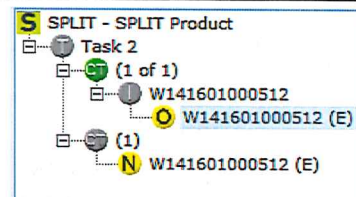
11 Retrieve the ISBT label (full face or ½ face(product /date)

Modification Process	Type of Label Printed
Washing	Full Face
Irradiation	Half face
Thawing	Half face
Volume Reducing	Half face

	NOTE: If no label printed, go to section Blood Label Reprint to reprint labels						
12	<ul style="list-style-type: none"> Verify all information is accurate Place the new labels on the appropriate units and 						
	<table border="1"> <thead> <tr> <th>Label is a</th> <th>Then</th> </tr> </thead> <tbody> <tr> <td>Full face</td> <td>Go to next step</td> </tr> <tr> <td>Half face</td> <td> <ul style="list-style-type: none"> Draw a line through the supplier license # Go to next step </td> </tr> </tbody> </table>	Label is a	Then	Full face	Go to next step	Half face	<ul style="list-style-type: none"> Draw a line through the supplier license # Go to next step
	Label is a	Then					
Full face	Go to next step						
Half face	<ul style="list-style-type: none"> Draw a line through the supplier license # Go to next step 						
13	Perform a label check (go to section Blood Label Check)						

Dividing Products

STEP	ACTION																
1	Open Blood Component Preparation (BCP) in Sunquest																
2	Enter component prep code in the "Value Field"																
	<table border="1"> <thead> <tr> <th>Process</th> <th>Description of change to product</th> <th>Product type</th> <th>Enter Code</th> </tr> </thead> <tbody> <tr> <td>Aliquot into a syringe</td> <td> <ul style="list-style-type: none"> Original bag retains original expiration date/time. New product defaults to 4hr. expiration date/time </td> <td>FFP, PLT</td> <td>ALIQ</td> </tr> <tr> <td>SPLIT into a bag</td> <td> <ul style="list-style-type: none"> Both products retain original expiration date/time </td> <td>*Any product</td> <td>SPLIT</td> </tr> <tr> <td>RBC split to a syringe</td> <td> <ul style="list-style-type: none"> Original bag retains original expiration date/time. New unit defaults to 24 hr. expiration date/time </td> <td>RBC product</td> <td>RBCSP</td> </tr> </tbody> </table>	Process	Description of change to product	Product type	Enter Code	Aliquot into a syringe	<ul style="list-style-type: none"> Original bag retains original expiration date/time. New product defaults to 4hr. expiration date/time 	FFP, PLT	ALIQ	SPLIT into a bag	<ul style="list-style-type: none"> Both products retain original expiration date/time 	*Any product	SPLIT	RBC split to a syringe	<ul style="list-style-type: none"> Original bag retains original expiration date/time. New unit defaults to 24 hr. expiration date/time 	RBC product	RBCSP
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SPLIT into a bag	<ul style="list-style-type: none"> Both products retain original expiration date/time 	*Any product	SPLIT														
RBC split to a syringe	<ul style="list-style-type: none"> Original bag retains original expiration date/time. New unit defaults to 24 hr. expiration date/time 	RBC product	RBCSP														
* The platelet parent bag retains the original outdate if maintained in the original gas permeable bag.																	
NOTE: Outdate must be adjusted if a closed system is not maintained.																	
3	TAB through today's date and time to enter the current time or enter the date and time when entering data from a Downtime Blood Component Prep Log.																
4	<ul style="list-style-type: none"> Verify the correct shift is entered in the Shift field Enter any additional processing tech IDs (if applicable) Click <Add> Click <Continue> 																
5	Scan the unit # and component type in the appropriate fields																
	NOTE: Although the component code may prefill after scanning the unit #, scanning of the component code is required to ensure the correct component is selected																
6	<p>Fill in any yellow fields in the Unit Data section of the window that are blank.</p> <p>NOTE: Notice the O and N on the left side of the screen. The O stands for the original unit, N stands for the new unit. The information displayed on the right side of the</p>																



screen is the information for the highlighted piece. Both the O and N pieces need to be checked for blank yellow fields.

NOTE: Some processes will default to an appropriate expiration, but these fields should be checked for accuracy.

NOTE: When the volume for the N(ew) product is entered, the O(riginal) unit volume will automatically update

Verify the component expiration date/time is correct for both components

Process	Closed System Expiration	Open System Expiration	Product type
Aliquot into a syringe	<ul style="list-style-type: none"> Original bag retains original expiration date/time. New product defaults to 4hr. expiration date/time 	<ul style="list-style-type: none"> Original bag expires in 24 hours New product expires in 4 hours <p>NOTE: Unless the original expiration is sooner</p>	FFP, PLT
SPLIT into a bag	<ul style="list-style-type: none"> Both products retain original expiration date/time 	Both components expire in 24 hours unless the original expiration date is sooner.	*Any product
RBC split to a syringe	<ul style="list-style-type: none"> Original bag retains original expiration date/time. New unit defaults to 24 hr. expiration date/time 	Both components expire in 24 hours unless the original expiration date is sooner.	RBC product

* The parent bag retains the original outdate if maintained in the original gas permeable bag.

NOTE: Expiration dates/times **MUST ALWAYS** match or be shorter than the shortest outdate of the original unit or the modified unit.

8 Click <Save> when all entries are entered and verified

9 Click <Finish> when the preview output/new units box appears

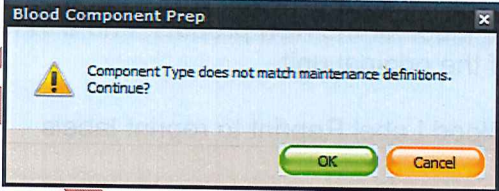
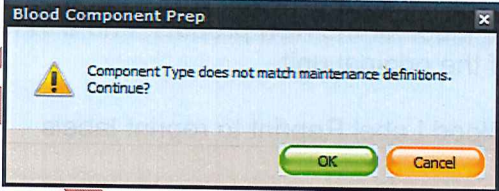
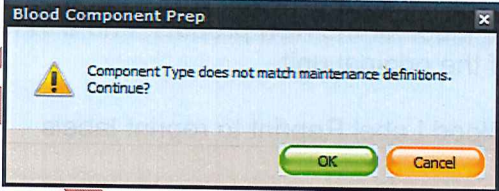
10 Verify that two Labels printed. A full face label for the new product, and a ½ face (product/date) label for the remainder of the original unit

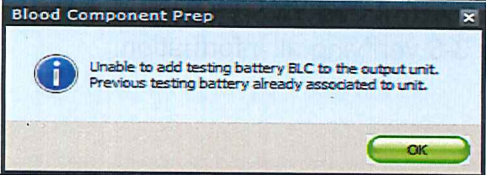
NOTE: If no label prints, go to section Blood Label Reprint to reprint labels

11	<ul style="list-style-type: none"> Verify all information is accurate Place the new labels on the appropriate units 	
	If label is a	Then
	Full face	Go to next step
Half face	Draw a line through the supplier license #	

12 Perform a label check. See Blood Label Check Below.

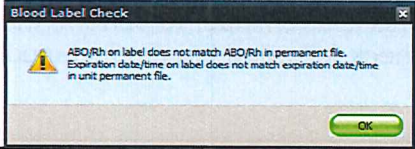
Reconstituting Products:

STEP	ACTION															
1	Select a non-irradiated RBC component with E code E0382, E4544 or E4545 NOTE: Due to a limitation in Sunquest, the Units will be physically packed, reconstituted with plasma, then irradiated prior to any computer manipulation															
2	Select an appropriate thawed Plasma product															
3	Open Blood Component Preparation (BCP) in Sunquest															
4	Enter RWB in the Value Field															
5	Press TAB to advance to the Date Field, if the date is today, Press TAB to default to today's date, otherwise enter the date of processing															
6	Press TAB. The Cursor moves to the Time field, press TAB to default to current time, otherwise enter the time of processing. Cursor will move to the Shift Box.															
7	<ul style="list-style-type: none"> Verify the correct shift is entered in the Shift field Enter any additional processing tech IDs (if applicable) Click <Add> Click <Continue> 															
8	<ul style="list-style-type: none"> First scan the Thawed PLASMA unit # in the unit # field. The cursor will move to the next field. Scan the component code in the component field Note: Although the component code may prefill, scanning of the component code is required to ensure the correct component is selected.															
9	<ul style="list-style-type: none"> Scan the RBC unit # in the unit # field. The cursor will move to the next field Scan the component code in the component field. NOTE: Although the component code may prefill, scanning of the component code is required to ensure the correct component is selected.															
10	One of two messages will appear: <table border="1" data-bbox="313 1318 1442 1776"> <thead> <tr> <th data-bbox="313 1318 841 1360">If following message appears:</th> <th colspan="2" data-bbox="841 1318 1442 1360">Then</th> </tr> </thead> <tbody> <tr> <td data-bbox="313 1360 841 1570">  </td> <td colspan="2" data-bbox="841 1360 1442 1434">Review the input and process codes to verify both are correct</td> </tr> <tr> <td data-bbox="313 1434 841 1497"></td> <td data-bbox="841 1434 1084 1497">If information is</td> <td data-bbox="1084 1434 1442 1497">Then</td> </tr> <tr> <td data-bbox="313 1497 841 1570"></td> <td data-bbox="841 1497 1084 1570">Incorrect</td> <td data-bbox="1084 1497 1442 1570">Click <Cancel> and correct the error</td> </tr> <tr> <td data-bbox="313 1570 841 1776"></td> <td data-bbox="841 1570 1084 1776">New input component needs to be added to the LIS</td> <td data-bbox="1084 1570 1442 1776"> <ul style="list-style-type: none"> Click <Cancel> Refer to a MLS Lead for resolution Complete a QI document to added component to LIS </td> </tr> </tbody> </table>	If following message appears:	Then			Review the input and process codes to verify both are correct			If information is	Then		Incorrect	Click <Cancel> and correct the error		New input component needs to be added to the LIS	<ul style="list-style-type: none"> Click <Cancel> Refer to a MLS Lead for resolution Complete a QI document to added component to LIS
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		<ul style="list-style-type: none"> • Click 'OK' • This is a reminder to perform the label check following the product modification. 						
11	Fill in the reconstituted product volume in the Unit Data section							
12	Verify the new expiration date/times are correct NOTE: The new unit expiration date/time should be 24 hours or the expiration date/time of the original products used if <24 hours							
13	Click <Save> when all entries are verified.							
14	Click <Finish> when the review output/new units box appears.							
15	<ul style="list-style-type: none"> • Retrieve the half face (product/date) label NOTE: If no label prints, go to section Blood Label Reprint to reprint labels							
16	<ul style="list-style-type: none"> • Verify all information is accurate • Place the new labels on the appropriate unit <table border="1" data-bbox="293 842 1414 989"> <thead> <tr> <th data-bbox="293 842 574 888">If label is a</th> <th data-bbox="574 842 1414 888">Then</th> </tr> </thead> <tbody> <tr> <td data-bbox="293 888 574 934">Full face</td> <td data-bbox="574 888 1414 934">Go to next step</td> </tr> <tr> <td data-bbox="293 934 574 993">Half face</td> <td data-bbox="574 934 1414 993">Draw a line through the supplier license #</td> </tr> </tbody> </table>		If label is a	Then	Full face	Go to next step	Half face	Draw a line through the supplier license #
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Full face	Go to next step							
Half face	Draw a line through the supplier license #							
17	Perform a label check (go to section Blood Label Check)							

Blood Label Check:

STEP	ACTION							
1	Open 'Blood Label Check' in Sunquest							
2	Scan the unit # and component type in the appropriate fields NOTE: Although the component code may prefill after scanning the unit #, scanning of the component code is required to ensure the correct component is selected							
3	Click <Search> NOTE: Unit information will populate the middle section of the screen. Mandatory fields will be highlighted in yellow.							
4	Click in the 'ABO on Label' field and scan the ABO/Rh barcode on the unit label NOTE: Both the ABO and Rh fields will populate							
5	Click in the expiration date field and scan the expiration date/time barcode from the unit label							
6	Click <Check Label> <table border="1" data-bbox="293 1717 1414 1879"> <thead> <tr> <th data-bbox="293 1717 743 1749">If</th> <th data-bbox="743 1717 1414 1749">Then</th> </tr> </thead> <tbody> <tr> <td data-bbox="293 1749 743 1818">Label is correct</td> <td data-bbox="743 1749 1414 1818">The screen will refresh to a new screen with unit #, component and division # retained</td> </tr> <tr> <td data-bbox="293 1818 743 1879">A discrepancy occurred during the check.</td> <td data-bbox="743 1818 1414 1879">A warning will appear explaining the discrepancy and the label will not be checked.</td> </tr> </tbody> </table>		If	Then	Label is correct	The screen will refresh to a new screen with unit #, component and division # retained	A discrepancy occurred during the check.	A warning will appear explaining the discrepancy and the label will not be checked.
If	Then							
Label is correct	The screen will refresh to a new screen with unit #, component and division # retained							
A discrepancy occurred during the check.	A warning will appear explaining the discrepancy and the label will not be checked.							

	<p>EXAMPLE:</p> 	Click OK, resolve the discrepancy and repeat steps 3-6 verifying all information.
8	If	Then
	Product was divided, split or aliquoted	Both Products need to be label checked. Repeat steps 3-8 for the remaining product.
	No divisions were made	Label check is complete.
9	If	Then
	No containers, solutions or welds used in modification	Process is complete
	EXAMPLE: Thawing and irradiation do not require additional test to track lot number	
	New containers, solutions or welds were used in modification	Go to the next section Adding Unit Testing in BOP

Adding Unit Testing in BOP (MLS only):

STEP	ACTION												
1	Open 'Blood Order Processing' in Sunquest												
	NOTE: This step is not required for processing that did not require additional supplies to be added to the product such as irradiation and thawing												
2	Open the appropriate patient accession and allocate the unit (if not already performed)												
	Highlight the unit that was modified in the 'Compatibility Testing' window												
3	NOTE: When adding testing on a divided product, the testing should be added to the daughter unit, not the mother unit.												
	Add the following tests in the 'Add Unit Test (x)' window (as appropriate to the process performed):												
4	If	Then											
	Adding Lot Number test	<ul style="list-style-type: none"> Type ;LOTNO Type ;; lot # and expiration. In the highlighted box. EXAMPLE: ;; 987654 exp. 11/17 <p>NOTE: If more than one supply was used, <tab to enter each supply on a new line</p> <ul style="list-style-type: none"> Press <Tab> 											
	Adding Weld Check test	<ul style="list-style-type: none"> Type ;WELD <table border="1"> <thead> <tr> <th colspan="2">If</th> <th>Then Enter</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Weld Passed</td> <td>Code</td> <td>Sunquest Hot Key</td> </tr> <tr> <td>WELDP</td> <td>{</td> </tr> <tr> <td>Weld</td> <td>Code</td> <td>Sunquest Hot Key</td> </tr> </tbody> </table>	If		Then Enter	Weld Passed	Code	Sunquest Hot Key	WELDP	{	Weld	Code	Sunquest Hot Key
If		Then Enter											
Weld Passed	Code	Sunquest Hot Key											
	WELDP	{											
Weld	Code	Sunquest Hot Key											

	Failed	WELDF } Modify the expiration date/time accordingly for open system (4 hrs. for platelets, 24 hrs. for RBC and FFP)								
Adding Hemolysis Check	<ul style="list-style-type: none"> Type ;HEMO <table border="1"> <thead> <tr> <th>If</th> <th colspan="2">Then Enter</th> </tr> </thead> <tbody> <tr> <td>No Hemolysis</td> <td>Code HEMNO</td> <td>Sunquest Hot Key Y</td> </tr> <tr> <td>Hemolysis Present</td> <td>Code HEM</td> <td>Sunquest Hot Key M</td> </tr> </tbody> </table>	If	Then Enter		No Hemolysis	Code HEMNO	Sunquest Hot Key Y	Hemolysis Present	Code HEM	Sunquest Hot Key M
If	Then Enter									
No Hemolysis	Code HEMNO	Sunquest Hot Key Y								
Hemolysis Present	Code HEM	Sunquest Hot Key M								
Adding a supply lot #	<table border="1"> <thead> <tr> <th>Test (Order)</th> <th>Test Description</th> <th>Enter</th> </tr> </thead> <tbody> <tr> <td>SOLLOT</td> <td>Solution Lot Number</td> <td>Saline lot number</td> </tr> <tr> <td>LOTNO</td> <td>Supply Lot Number</td> <td>Transfer pack, filter syringe, cell processing set</td> </tr> </tbody> </table> <p>NOTE: Type ;; and free text the supply lot number and Exp. <i>EXAMPLE: ;; 987654 exp. 11/17</i></p> <p>NOTE: if using more than one supply, Tab to enter each supply on a new line.</p> <ul style="list-style-type: none"> Press Tab 	Test (Order)	Test Description	Enter	SOLLOT	Solution Lot Number	Saline lot number	LOTNO	Supply Lot Number	Transfer pack, filter syringe, cell processing set
Test (Order)	Test Description	Enter								
SOLLOT	Solution Lot Number	Saline lot number								
LOTNO	Supply Lot Number	Transfer pack, filter syringe, cell processing set								
5	Click <Save> when all testing is complete									

Blood Label Reprint:

STEP	ACTION						
1	Open 'Blood Bank Label Print' function in Sunquest						
2	<table border="1"> <thead> <tr> <th>If printing a</th> <th>Then select</th> </tr> </thead> <tbody> <tr> <td>Full face label</td> <td>Full Face in the Label type box at the top of the screen</td> </tr> <tr> <td>Half face label</td> <td>Product/Date in the Label type box at the top of the screen</td> </tr> </tbody> </table>	If printing a	Then select	Full face label	Full Face in the Label type box at the top of the screen	Half face label	Product/Date in the Label type box at the top of the screen
If printing a	Then select						
Full face label	Full Face in the Label type box at the top of the screen						
Half face label	Product/Date in the Label type box at the top of the screen						
3	Enter the number of labels needed in the 'Num. of copies' drop down box (defaults to 1)						
4	Scan or type the unit number in the Unit # box						
5	Scan the product code in the component box. NOTE: Although the component code may prefill after scanning the unit #, scanning of the component code is required to ensure the correct component is selected						
6	Click <Add>						
7	Repeat steps 3-6 if additional labels of the same type need to be printed.						
8	Click <Print> when all units are entered to print the labels						
9	Click <Exit> to close Blood Bank Label Print						

PROCEDURE NOTES AND LIMITATIONS:

- Divided units may be physically separated once the both components have been relabeled and the label check performed and found to be acceptable
- A label check must be performed and entered in Sunquest after any modification. Sunquest programming does not have a mandatory setting for performing this check, but a label check **MUST** be performed.
- Testing for Lot number and weld cannot be added to units after splitting in Blood Product Testing, Blood Order processing must be used to record these results.

REFERENCES:

- Standards for Blood Banks and Transfusion Services, American Association of Blood Banks, Bethesda, MD. Current Edition.
- Sunquest Blood Bank Users' Guide Version 8.1

RELATED DOCUMENTS:

FORM Component Prep Downtime Log
SOP Dividing Blood Components
SOP Packing RBC and Reconstituting Whole Blood
SOP Reconstituting Whole Blood
SOP Volume Reduction of Platelets
SOP Washing RBC Components
SOP Washing Platelet Components
SOP Irradiating Blood Components
SOP Combining Double-Bag Apheresis Platelets

TRAINING

TITLE: Blood Component Preparation

**Number:
PC-0001.02**

UWMC SOP Approval:

**UWMC CLIA
Medical Director**

Mark H. Wener, MD _____ Date _____

**Transfusion
Service Manager**

Deanne Stephens _____ Date _____

**Compliance
Analyst**

Christine Clark _____ Date _____

**Transfusion
Service
Medical Director**

Monica B. Pagano, MD _____ Date _____

UWMC Biennial Review:

_____ Date _____

_____ Date _____

REVISION HISTORY:

04/22/2018: Revised for the Sunquest 8.1 upgrade. The system now contains logic to calculate accurate expiration dates when component processing is performed or will fire QA failures for expiration dates requiring manual correction by the processing staff member.

TRAINING

TITLE: Blood Component Preparation

**Number:
PC-0001.02**

APPENDIX:

Appendix A: Job Aid

PROCESS	ACTION					
Thawing or Irradiating	Verify modified expiration date is not longer than original expiration date					
	Mark out US license #					
	Perform Label Check					
Washing	Verify modified expiration date is not longer than original expiration date					
	Perform Label Check					
	Allocate the unit to the patient					
	Add the following unit testing in BOP:					
	<table border="1"> <tr> <td>;LOTNO</td> <td>Enter lot # and expiration for cell processing set</td> </tr> <tr> <td>;HEMO</td> <td>Enter Y for no or M for yes</td> </tr> <tr> <td>;SOLLOT</td> <td>Enter lot# and expiration for saline</td> </tr> </table>	;LOTNO	Enter lot # and expiration for cell processing set	;HEMO	Enter Y for no or M for yes	;SOLLOT
;LOTNO	Enter lot # and expiration for cell processing set					
;HEMO	Enter Y for no or M for yes					
;SOLLOT	Enter lot# and expiration for saline					
Volume Reducing	Verify modified expiration date is not longer than original expiration date					
	Mark out US license #					
	Perform Label Check					
	Allocate the unit to the patient					
	Add the following unit testing in BOP:					
<table border="1"> <tr> <td>;LOTNO</td> <td>Enter lot# expiration for attached bag (if necessary)</td> </tr> <tr> <td>;WELD</td> <td>Enter { (Weld Passed) or } (Weld Failed)</td> </tr> </table>	;LOTNO	Enter lot# expiration for attached bag (if necessary)	;WELD	Enter { (Weld Passed) or } (Weld Failed)		
;LOTNO	Enter lot# expiration for attached bag (if necessary)					
;WELD	Enter { (Weld Passed) or } (Weld Failed)					
Combining Double Bagged Platelets	Verify modified expiration date is not longer than original expiration date					
	Mark out US license #					
	Perform Label Check					
Dividing Blood Products	Verify modified expiration dates are not longer than original expiration date					
	Mark out US license # on parent bag					
	Perform label check prior to disconnecting units					
	Allocate the unit to the patient					
	Add the following unit testing in BOP:					
<table border="1"> <tr> <td>;LOTNO</td> <td>Enter lot # and expiration for new bag or syringe</td> </tr> <tr> <td>;WELD</td> <td>Enter { (Weld Passed) or } (Weld Failed)</td> </tr> </table>	;LOTNO	Enter lot # and expiration for new bag or syringe	;WELD	Enter { (Weld Passed) or } (Weld Failed)		
;LOTNO	Enter lot # and expiration for new bag or syringe					
;WELD	Enter { (Weld Passed) or } (Weld Failed)					
Reconstitute Whole Blood	Allocate the unit to the patient and perform required crossmatch					
	Verify modified expiration date is not longer than original expiration date					
	Mark out US license # if applicable					
	Perform Label Check					
	Add the following unit testing in BOP:					
<table border="1"> <tr> <td>;WELD</td> <td>Enter { (Weld Passed) or } (Weld Failed)</td> </tr> <tr> <td>;LOTNO</td> <td> <ul style="list-style-type: none"> Enter lot # and expiration for transfer bag used for plasma/supernatant removal Enter lot # and expiration of plasma transfer set Enter lot # and expiration date for pedi-pack bags </td> </tr> </table>	;WELD	Enter { (Weld Passed) or } (Weld Failed)	;LOTNO	<ul style="list-style-type: none"> Enter lot # and expiration for transfer bag used for plasma/supernatant removal Enter lot # and expiration of plasma transfer set Enter lot # and expiration date for pedi-pack bags 		
;WELD	Enter { (Weld Passed) or } (Weld Failed)					
;LOTNO	<ul style="list-style-type: none"> Enter lot # and expiration for transfer bag used for plasma/supernatant removal Enter lot # and expiration of plasma transfer set Enter lot # and expiration date for pedi-pack bags 					

TRAINING

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