Procedure   
Dignity Health Central Coast Service Area

**SUBJECT**: Issuing Blood Products – Single Person Check

**ORIGIN**: Laboratory – Transfusion Service

**NUMBER**: 7540.BB.CC.319

|  |  |  |
| --- | --- | --- |
| **Applies to:** | | |
| Santa Maria Campus,  Marian Regional Medical Center | Arroyo Grande Campus,  Marian Regional Medical Center | French Hospital Medical Center |
| St. John’s Pleasant Valley Hospital | St. John’s Regional Medical Center | |

# PURPOSE:

To provide guidance for the safe issue of blood products utilizing a single person check.

Note: In emergency situations the transfusion service staff members may dispense blood products prior to presentation of patient identification, however patient identification must be verified before blood products leave the transfusion service.

# clinical Complexity:

High Complexity

# Principle:

Transfusion safety relies on ensuring the correct recipient is transfused the correct blood product. Issuing blood products requires a visual inspection and a thorough check to be performed, that at minimum must include the following:

* Unique identification of the recipient including at least two independent identifiers
* Recipient’s ABO/Rh type
* Requested component type (red cells, plasma, platelets, cryoprecipitate)
* Donor Identification Number (DIN)
* Donor’s ABO/Rh type
* Compatibility testing interpretation, if applicable
* Special transfusion requirements, if applicable
* Donor unit expiration date and time, if applicable
* Date and time of issue

The performance of a check prior to the issue of a blood product allows a discrepancy to be detected and resolved prior to transfusion.

# Procedure:

|  |  |  |
| --- | --- | --- |
| Step | Action | Related Documents |
| 1 | On the Cerner app bar select the Dispense and Assign Products icon | 7540.BB.CC.511 Dispensing Blood Products in Cerner |
| 2 | Select the Dispense mode |  |
| 3 | Scan the M# (medical record number) barcode from the patient label. Select the current admission or place the cursor in the financial number (FIN NBR) box and barcode the FIN from the patient label and select OK. Note: If the barcode is not available then type in the patient’s medical record number and verify the at least two independent patient identifiers populated by the LIS with the patient information provided. |  |
| 4 | Click in the Product List grid and barcode the donor identification number of the type of blood product(s) requested. |  |
| 5 | Perform a clerical check verifying the following information: Note: If a Request for Blood Products form is available, then document the clerical check on the form and in the LIS.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | Donor Unit | Product ID Tag | LIS | Patient ID | | Patient’s Name |  | X | X | X | | Medical Record Number |  | X | X | X | | Date of Birth |  | X | X | X | | Blood Bank Band Number |  | X |  | X | | Donor Identification Number (DIN) | X | X | X |  | | Blood Product Expiration Date and Time | X | X | X |  | | Standard Product Code and Container | X | X | X |  | | Blood Types, Patient and Donor Unit | X | X | X |  | | Specimen Expiration Date and Time |  | X | X |  | | Compatibility, if required |  | X | X |  | | Special Transfusion Requirements | X | X | X |  | | Appendix A: Request for Blood Products form |
| 6 | Verify that the blood product is not expired and is in date. Note: If the Expiration Date/Time is highlighted on the product ID tag, then compare the date and time on the product ID tag to the date and time on the computer. If the blood product is expired, then do not issue the blood product.    If the pathologist has approved the dispense of an expired blood product due to clinical necessity, then include a blood bank comment including the donor identification number, clinical reason for dispense, and approving pathologist. |  |
| 7 | Verify that the blood bank band specimen is current by reviewing the Crossmatch Expires date on the product ID tag. Note: If the Crossmatch Expires date is highlighted, then compare the date to the date on the computer. If the crossmatch is expired, then notify the caregiver that the blood bank band has expired. The patient must be re-banded before crossmatch compatible units may be issued.  cid:image006.jpg@01D44F3B.D8E61890  If it is an emergency, then refer to 7540.BB.CC.320 Emergency Release of Products and/or 7540.BB.CC.007 Code Crimson – Massive Hemorrhage Event. | 7540.BB.CC.320 Emergency Release of Products7540.BB.CC.007 Code Crimson – Massive Hemorrhage Event |
| 8 | If a discrepancy if found, then do not dispense the blood product until the discrepancy is resolved. Report significant discrepancies (i.e. ABO incompatibility, patient misidentification) to the transfusion service area supervisor or blood bank lead immediately. |  |
| 9 | Perform a visual inspection of the blood product. | 7540.BB.CC.312 Visual Inspection of Blood Components and RhIg |
| 10 | If no discrepancies were found and the visual inspection is acceptable, then select save. |  |
| 11 | Document the following:Physician ordering the transfusionReasonVisual inspectionCourierLocationCooler (if indicated)Blood bank ID (if indicated)  Select the OK button. |  |
| 12 | If the Dispense Packing List printed, then attach it to the product request form and compare to the transfusion log. |  |

# Definitions:

## LIS: Laboratory information systems

# References:

## Fung, M. K. (Current Edition). *Technical manual*. Bethesda, MD: AABB.

## *Standards for Blood Banks and Transfusion Services* (Current Edition). Bethesda, MD: AABB.

# associated Documents:

## 7540.BB.CC.007 Code Crimson – Massive Hemorrhage Event

## 7540.BB.CC.312 Visual Inspection of Blood Components and RhIg

## 7540.BB.CC.320 Emergency Release of Products

## 7540.BB.CC.511 Dispensing Blood Products in Cerner

# Appendixes:

## Request for Blood Products form

Appendix A: Request for Blood Products form

Request for Blood Products

Product type needed:

Patient Label

\_\_\_\_\_ Red Blood Cells

\_\_\_\_\_ Plasma

\_\_\_\_\_ Platelets

\_\_\_\_\_ Cryoprecipitate

\_\_\_\_\_ Rh Immune Globulin

Blood Bank Band Number \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Send to Station Number \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Phone Number \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Staff completing form \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Ordering Physician \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

For Blood Bank use only

One Person Clerical Check

Compare the following items: Ensure the following information matches on all items

Request for blood products slip ☐ Patient Name

Issue/Transfuse Tag ☐ Medical Record Number

Blood Unit Label ☐ Date of Birth

Computer Issue Function ☐ Blood Bank Band Number

☐ Blood Product Donor Identification Number

☐ Blood Product Expiration Date and Time

☐ Standard Product Code Description

☐ Blood Types, patient and donor unit

☐ Specimen Expiration Date and Time

☐ Compatibility, if required

☐ Special Transfusion Requirements

If a discrepancy is found, do not issue the product until discrepancy is resolved and documented.

Security Code given: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Technologist: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_