**Purpose**

This procedure provides instructions for receipt of blood products intended for a specified recipient or requested by Harborview Medical Center (HMC) TS for a specific patient.

**Table A: Designated Products**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Product Name** | **E Code** | **Other SQ Code** | **Comment Code** | **Additional Information** |
| **Autologous red blood cells** * Full volume
 | **Varies with collection** | **AUTRC** | **AUTRC** |  |
| * Low Volume; anticoagulant **NOT** adjusted
 | **E5242** | **RCLV** |
| * Low Volume; anticoagulant **is** adjusted
 | **E4158** | **RCLV1** |
| HLA-Matched platelets\*\* | **Varies with collection** | **MAPH / MAPLT** |  | **Always Irradiated** |
| Granulocytes |  | **GRI** | **Gran** |
| Rare donor red blood cells | **Varies with collection** | **NA** | **NA** |  |
| Directed red blood cells | **PSBC does not collect or accept directed RBCs from other facilities. Consult with TS Lead if directed RBCs are received.** |

**\*\*** PSBC ISBT codes same for matched and un-matched apheresis platelets. Entered into PSBC system as a directed/designated product which adds verbiage to the ISBT label indicating the product is directed.

**Procedure**

|  |  |  |
| --- | --- | --- |
| **Step** | **Action** | **Related Documents** |
| Receive blood products | * Receiving Stock Blood Products
 |
| **1** | * Compare unit number to Order Distribution report.
	+ Match: Continue
	+ Does not match: Contact PSBC
 |  |
| **Step** | **Action** | **Related Documents** |
| **2** | * Inspect product tags related to designation:
	+ Autologous Tie Tag
	+ Directed Donation Tie Tag
	+ HLA-Matched/Crossmatched Apheresis Tie Tag
* Note the number of units expected and investigate if additional units are expected but not yet received. Example: Auto Tie Tag says “1 of 2”. Check to see when #2 is expected to arrive.
 | * Blood Product Inspection Policy
 |
| **3** | * Access Blood Bank Inquiry (BBI) function
* Perform patient search using patient information on the bag tag.
* Patient in LIS:
	+ Record HID on Order Distribution Report (ODR).
	+ Verify accuracy of bag tag against SQ administrative data.
 | * SQ Using Blood Bank Inquiry
 |
| **Blood Product Entry in SQ** |
| **1** | * Scan unit number
* Product barcode may not scan. Enter Alpha product code from table A.
* Complete entry of ISBT label information.
 | Blood Product Entry in Sunquest |
| **2** | * Access Assignee tab in Blood Product Entry (BPE)
 |  |
| **3** | * **IF** HID Available:
* Enter patient HID in appropriate field.
* Patient Name should display in NAME field.
* ADD to assign this patient to the unit.
 |  |
| **4** | * + **IF** No HID:
* Click on SEARCH by HID entry field.
* SEARCH by patient name. Press “ADD”. If an HID is in the system, it will display.
* Enter patient name in appropriate field.

*Note: Without an HID, unit will not be assigned to the patient.* |  |
| **5** | * Add Comment in BPE:
	+ (**Type of product**) for (**patient name, HID**)
		- Press “ADD”.
		- Comment Code: AUTRC or Free Text
	+ Product name is in Table A.
 |  |
| **6** | * Complete BPE. Retention sample is stored with allogeneic units received that day.
* Perform BPT for visual inspection.
* Forward to an MLS:
	+ For Blood Bank Administrative Data update.
	+ For outside source antigen typing entry.
	+ Unit label type confirmation testing
 |  |
| **Step** | **Action** | **Related Documents** |
|  | * Record patient name and unit number on the Antibody whiteboard near the Transfusion Tag printer.
 |  |
| **7** | Antigen Negative RBCs* + Unit Antigens are printed on the ODR and on the unit bag tag
	+ Determine Outside source antigen codes from job aid
	+ Enter antigen codes in blood product entry through “Modify Unit”.
	+ Confirm entry in Blood Bank Inquiry by a 2nd technologist
 | Antigen/Antibody codes job aid SQ Blood Product Entry |
| **8** | * Detach and store retention sample
 |  |
| **Perform Blood Product Testing**  |
| **1** | * Result visual inspection and perform ABD confirmation.
 | Unit Type Confirmation using Tube Method |
| **Update BAD File for ALL Designated Blood Components**  |
| *Once patient has a UW Medicine HID, SQ Bad File should be updated to reflect the availability of designated blood components.* |
| **1** | * Access Blood Bank Administrative Data Entry function.
 |  |
| **2** | * Enter free text comment: Product type plus unit number
	+ Example: AUTO RBC W141610876674
 |  |
| **3** | * Confirm information is posted to the Antibody whiteboard
 |  |
| **4** | * Determine blood component status in BBI.
 |  |
| **5** | * Store blood component.
 | * Blood Product Storage Policy
 |

**References:**

Standards for Blood Banks and Transfusion Services, Current Edition. American Association of Blood Banks. AABB Press, Bethesda, MD

Blood Bank User’s Guide, Mysis Laboratory