**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