**Purpose:**

This procedure provides instructions for the use of Portable Blood Refrigerators in the Harborview Medical Center (HMC) Transfusion Service (TS) operations.

**Procedure:**

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|  | **Action** | **Related Documents** |
| **1.** | * When portable refrigerators are requested for use by a patient care area. . * TS staff will deliver and return PBR to and from the patient care area. * Plug the PBR into Emergency Power outlet immediately upon arriving in the patient care area. (Must be within 15 minutes of leaving Transfusion Service) * Document on the Portable Refrigerator Log, and on the whiteboard in the Transfusion Service. | * + Portable Refrigerator Log |
| **2.** | * When stocking and dispensing blood to a PBR: * Confirm the PBR is operational * Temperature is 1-6°C * Compressor is running * Graph is recording * Place blood products directly on the top shelf of the refrigerator. * Stock only ONE patient’s blood per PBR. * Do NOT refrigerate platelets or cryoprecipitate. * Remain with the PBR until released by the Physician or charge nurse once the patient has stabilized. * Do NOT leave a PBR unattended with Blood Products inside unless products are issued to a nurse using Blood Products Release Form. |  |
| **3** | * When issuing blood products from the PBR: * Record date and time of issue on appropriate log * Record unit number issued on appropriate log. |  |
| **4.** | * When issuing products in the BPR to a nurse because the BPR has been requested at the bedside: * Fill out the Blood Product Release Form, and issue the products to the nurse caring for the patient before leaving the BPR in the patient care area. |  |
| **5.** | * If the patient is transferred to another location and still requires the BPR: * Transfer the BPR. * Notify TS staff of new location so they can update the log and whiteboard. |  |

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|  | **Action** | **Related Documents** |
| **6.** | * When returning the PBR to the Transfusion Service: * Complete the Returned Section of the PBR log. * Verify that the temperature graph is recording. * Return any unused blood products to the appropriate storage area. If the products were issued in Sunquest, return them using Blood Status Update. * Complete Blood Product Issue for transfused products. * Clean both the exterior and interior surfaces of the PBR with a disinfectant solution designated for use on stainless steel. * Document on the Portable Refrigerator Cleaning Log * Plug into Emergency Power outlet. | * + Blood Status Update.   + Blood Product Issue   + Portable Refrigerator Cleaning Log Form |

**References:**

AABB Standards for Blood Banks and Transfusion Services, Current Edition.

AABB Technical Manual, Current Edition.