**Purpose**

This policy describes the methods and procedures used by Harborview Medical Center Transfusion Service to pack blood products for transport.

**Policy**

All blood products are transported in shipping containers as outlined below.

* Shipping containers are supplied by the blood supplier.
* Validation of shipping containers for maximum transport time is performed by the blood supplier.

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| **Refrigerated Products: Transport Outside the Facility and within the Facility** | | | |
| **Container Contents:** | **Container Size** | | |
| **Small** | **Medium** | **Large** |
| Red Blood Cells (RBC) or Thawed Plasma (TP) | 1-12 | 5-18 | 5-25 |
| Coolant | 5 lbs. wet ice  minimum | 10 lbs wet ice minimum | 10 lbs wet ice minimum |
|  | **Maximum Transport Time** | | |
| **15 hours** | **20 hours** | **20 hours** |
| **Room Temperature Products: Transport outside the Facility OR within the Facility** | | | |
| **Container Contents:** | **Endurotherm Container (large box)** | | |
| * Platelets * Thawed Cryoprecipitate * Granulocytes | Place between two temperature stabilizers.  1-Full\* | | |
| * Temperature Stabilizer (bubble wrapped) * Store in the platelet incubator. | 4 | | |
|  | Maximum Transport Time | | |
| **20 hours** | | |

\*Full allows room to fold the liner over the components and temperature stabilizer plus close the lid without resistance.

|  |  |
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| **Room Temperature Products: Transport for Trauma/MTP Response within the Facility** | |
| **Container Contents:** | **Puget Sound Blood Center Mini-Platelet Box** |
| * Platelets (one apheresis unit only) | * Place between two temperature stabilizers. |
| * Temperature Stabilizer   (bubble-wrapped)   * Stored in the platelet incubator 20-24°C | * 2 |
|  | Maximum Transport Time |
| **12 hours** |

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| **Frozen Blood Products:** | | | |
| **Container Contents:** | **Container Size** | | |
| **Small** | **Medium** | **Large** |
| * Frozen Plasma      * Frozen Cryoprecipitate * Dry Ice | 6 | 12 | 22 |
| 18 | 20 | 50 |
| 5 lbs | 10 lbs | 10 lbs |
| **Maximum Transport Time = 21 hours**   * ***Note:*** *Dry Ice must still be present and components frozen*   *upon receipt* | | |

**References**

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

PSBC Validation of Shipping Containers