

**DukeMedicine**

**Pediatric Blood and Marrow Transplant  
Adult Blood and Marrow Transplant  
Stem Cell Laboratory**

**DOCUMENT NUMBER:** COMM-PAS-003 JA1**DOCUMENT TITLE:**

Storage Temperature and Expiration of Cellular Products JA1

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## COMM-PAS-003 JA1

### Storage Temperature and Expiration of Cellular Products

		Bone Marrow	PBPC	UCB	Mobilized Granulocytes	
Collection to Fresh Infusion	Temperature	RT	RT or 1-6° C if processing delayed >2 hrs or overnight storage needed	RT	RT ( <i>if first collection day</i> )	
	Expiration	48 hrs or <i>Planned Deviation</i>	48 hrs	48 - 96 hrs	Expiration time extended by <b>8 hours</b> , <i>if needed</i> , based on Urgent Medical Need ( <b>ARC-Collected granulocytes</b> )	24 hrs ( <b>Duke-Collected granulocytes</b> )
International NMDP Products Collection to Infusion	Temperature	RT	RT			
	Expiration	72 hrs	72 hrs			
Collection to Storage	Temperature	RT	RT or 1-6° C if processing delayed >2 hrs or overnight storage needed	RT	1 - 6° C	
	Expiration	48 hrs or <i>Planned Deviation</i>	48 hrs or <i>Planned Deviation</i>	72 hrs	72 hrs	
Collection to Cryopreservation	Temperature	RT	RT or 1-6° C if processing delayed >2 hrs or overnight storage needed	RT		
	Expiration	48 hrs or <i>Planned Deviation</i> unless International NMDP Product (72 hrs)	48 hrs or <i>Planned Deviation</i> or if International NMDP Products (72 hrs)	48 - 72 hrs		
Return from Issue - <i>Receipt Back into the Stem Cell Lab (after distribution)</i>	Temperature	RT	Fresh or DAT - 1-6° C	Fresh or DAT - 1-6° C	1 - 6° C	
	Expiration	48 hours from time of collection or <i>Planned Deviation</i> or <i>Non-Conforming Product (if applicable)</i>	<b>Fresh</b> – 48 hours from time of collection or <i>Planned Deviation</i> or <i>Non-Conforming Product (if applicable)</i> <b>DAT</b> – 4 hrs ( <i>post thaw</i> )	<b>Fresh</b> – 72 hours <b>DAT</b> – 4 hrs ( <i>post thaw</i> ) or <i>Planned Deviation</i>	72 hours	
37 Degree Thaw to Start of Infusion	Temperature	RT	RT	RT		
	Expiration	20 minutes	20 minutes	20 minutes		
Dextran/Albumin Thawed (DAT) to start of infusion	Temperature	RT	RT	RT		
	Expiration	4 hrs ( <i>post thaw</i> ) or <i>Planned Deviation</i> needed	4 hrs ( <i>post thaw</i> ) or <i>Planned Deviation</i> needed	4 hrs ( <i>post thaw</i> ) or planned deviation needed		

Distribution is defined as the release of the product from the Stem Cell Laboratory.

Products returned from issue will be handled as non-conforming products (*if applicable*).

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Stem Cell Laboratory, DUMC

Durham, NC

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All dates and times are in Eastern Time.

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**Document Release**

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