

Standard Work: Transfer blood from a pneumatic tube system (PTS) bullet to a satellite fridge

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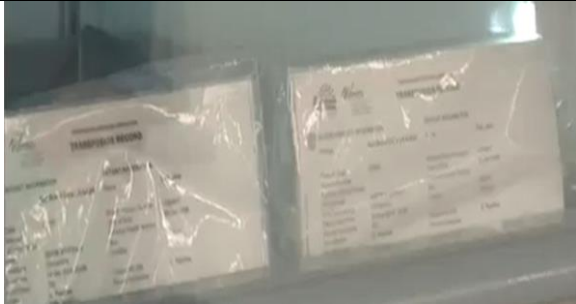
Performed By: Procedure room and ECLS staff

Other Roles Involved: Transfusion Medicine Laboratory

Process Summary: Instructions for transferring blood from a PTS bullet to a satellite fridge.

Objective: Ensure that clinical and allied health staff follow the correct steps for transferring blood from a PTS bullet to a satellite fridge.

#	Major Steps	Details/Pictures/Visuals	Rationale, Quality or Safety Considerations	Resources										
1	<p>Remove the blood component(s) from the PTS bullet immediately upon delivery.</p>		<ul style="list-style-type: none"> Blood components must be stored with temperature regulated storage. To avoid wastage of blood components. 	PTS bullet RBC unit										
2	<p>Check the transfusion record or component label to determine the product type. Refer to table 1 to check for the correct storage for the blood component.</p> <ul style="list-style-type: none"> ⚠ Do not remove the product tag from the blood component bag. ⚠ Do not separate the transfusion record from the blood component. ⚠ Do not discard the zip lock bag; the blood component should be stored in zip lock bag. ⚠ NEVER put platelets in the satellite blood refrigerators. 	<table border="1"> <thead> <tr> <th colspan="2">Table 1</th> </tr> <tr> <th>Component</th> <th>Correct Storage</th> </tr> </thead> <tbody> <tr> <td>Red Blood Cells</td> <td>Satellite fridge</td> </tr> <tr> <td>Plasma</td> <td>Satellite fridge</td> </tr> <tr> <td>Platelets</td> <td>Room Temperature</td> </tr> </tbody> </table> 	Table 1		Component	Correct Storage	Red Blood Cells	Satellite fridge	Plasma	Satellite fridge	Platelets	Room Temperature	<ul style="list-style-type: none"> Not all components are stored in satellite fridges. The product tag must remain attached to the blood component until the transfusion is complete. To avoid errors in patient and component identification. Platelets are stored at room temperature 	RBC unit Transfusion Record
Table 1														
Component	Correct Storage													
Red Blood Cells	Satellite fridge													
Plasma	Satellite fridge													
Platelets	Room Temperature													

5	<p>Place the blood component(s):</p> <ul style="list-style-type: none"> • for each patient on a separate shelf; and • so that the patient identifiers on the transfusion record are visible <p>⚠ Store the component in the zip lock bag.</p> <p>⚠ Do not pile multiple blood components on top of each other on the same shelf.</p>		<ul style="list-style-type: none"> • <i>Patient safety.</i> • <i>To avoid errors in patient and component identification.</i> • <i>To make it easier to locate blood components for individual patients.</i> 	Transfusion record
6	<p>If it is not possible to allocate a separate shelf per patient, then place the blood component(s):</p> <ul style="list-style-type: none"> • for individual patients on different sides of the shelf, and • so that the patient identifiers on the transfusion record are visible <p>⚠ Store the component in the zip lock bag.</p> <p>⚠ Do not pile multiple blood components on top of each other on the same shelf.</p>		<ul style="list-style-type: none"> • <i>Patient safety.</i> • <i>To avoid errors in patient and component identification.</i> • <i>To make it easier to locate blood components for individual patients.</i> 	Transfusion record
7		Click here to watch a short video.		

Cross-References

Transfusion Medicine Standard Operating Procedures

References

Canadian Society for Transfusion Medicine. (2017). Standards for Hospital Transfusion Services. (Version 4.0). Markham, ON: Author.

Canadian Standards Association. (2015). Blood and blood components, Z902-15. Mississauga, ON: Author.

Health Canada. (2013). Blood Regulations. Ottawa, ON: Author.

Version History

DATE	DOCUMENT NUMBER and TITLE	ACTION TAKEN
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