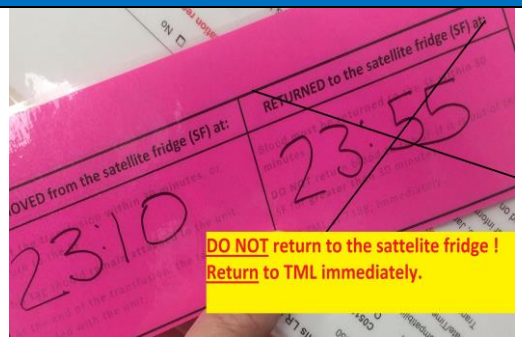
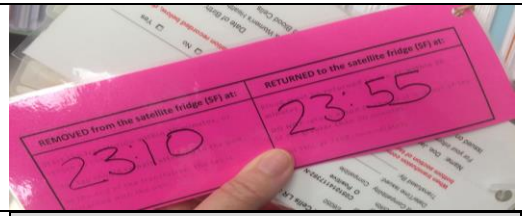
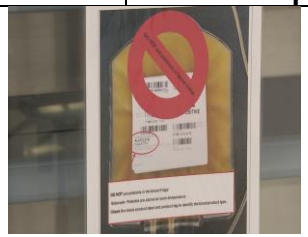
Standard Work: Return blood to a satellite fridge

Document Owner(s): Transfusion Safety **Department: Transfusion Medicine**	**Created:** Apr-2019 **Last Revised**:	**Date Approved: 07-06-2019**
Performed By: Procedure Room and ECLS staff	**Other Roles Involved: Transfusion Medicine Laboratory**	

Process Summary: Instructions for returning blood to a satellite fridge.
Objective: Ensure that staff follows the correct steps for returning blood to a satellite fridge.

#	Major Steps	Details/Pictures/Visuals	Rationale, Quality or Safety Considerations	Resources
1	**Look** for the time that the blood was removed from the satellite fridge, on the satellite fridge tag. • If the blood is out of the satellite fridge **for less than** 30 minutes, it is safe to return the blood to the satellite fridge, **go** to step 2. ⚠ If the blood is out of the satellite fridge for **greater than** 30 minutes **DO NOT** return the blood to the satellite fridge. **Return** to TML immediately**. Go** to step 6.		**Blood that has been out of temperature controlled storage for greater than 30 minutes cannot be returned to a satellite fridge.**	Satellite fridge tag.
2	**Write** the time that the blood was returned to the satellite fridge in the "returned to satellite fridge" section of the satellite fridge tag.		TML must have a record of the total time all components are out of temperature controlled storage.	Satellite fridge tag.
3	**Check** the transfusion record or component label to determine the component type. **Refer** to table 1 to check the correct storage for the blood component. ⚠ **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 1** **Component** / **Correct Storage** RBC / Satellite fridge Plasma / Satellite fridge **Platelets** / **Room Temperature** 	• 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	

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4	**Place** the blood component(s)**:** • for each patient on a separate shelf; ***and*** • so that the patient identifiers on the transfusion record are visible ⚠ **Store** the component in the zip lock bag. ⚠ **Do not** pile multiple blood components on top of each other on the same shelf.		• Patient safety. • To avoid errors in patient and component identification. • To make it easier to locate blood components for induvial patients.	
5	If it is not possible to allocate a separate shelf per patient, then **place** the blood component(s); • for individual patients on different sides of the shelf, *and* • so that the patient identifiers on the transfusion record are visible ⚠ **Store** the component in the zip lock bag. ⚠ **Do not** pile multiple blood components on top of each other on the same shelf.		• Patient safety. • To avoid errors in patient and component identification. • To make it easier to locate blood components for induvial patients.	**Click here** to watch a short video.
6	**Returning** blood to TML: • **Return** the blood to TML immediately. • **Arrange** for the return to the blood via porter services or return in person. • **Contact** TML to inform them why you are returning the blood.		Blood that has been out of temperature controlled storage for greater than 30 minutes cannot be returned to a satellite fridge.	

Cross-References:

Transfusion Medicine Laboratory 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
07-Jun-2019	C-0506-16-60223 Standard Work: Return blood to a satellite fridge	Approved at: Transfusion Medicine

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