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Owner: Nadera Poirier: Spvr, Transfusion Services
Policy Area: Lab - Transfusion Service
References:
Applicability: Sutter Roseville Medical Center

Use and Maintenance of Hemoroam 8XL

PURPOSE

To provide instruction on the use and maintenance of the Hemoroam 8XL mobile storage device.

POLICY

- Notes on general use of Hemoroam 8XL:
 - Refrigerated section should be kept closed and latched at all times unless immediately accessing for placement or removal of products
 - Platelet chambers are sensitive to room temperature and may be taped open to ensure appropriate temperature is kept. When platelets are placed in the storage compartment of the roamer, the chamber door must be kept closed.
 - Alarms should be left in the ON position on data loggers to ensure timely management of temperature failures
 - Hemoroam devices should be left plugged in, but can be unplugged and used for at least 24 hours on one battery charge
- Battery capacity (>12V) and terminal connection/corrosion checks will be performed by Facilities quarterly.
- Monthly maintenance and remaining quarterly maintenance will be performed by Transfusion Services.
- Additional maintenance:
 - Every 2 years: replace Hemoroam battery and all power cords
 - Every 5 years: check refrigerant, replace temperature probe, check and repair insulation, replace castors, and check all electrical connections
- Documentation of maintenance performed by Facilities will be kept by the Transfusion Services Supervisor.

PROCEDURE

Monthly Maintenance

Step:	Action:
1.	Clean the outer casing, inner refrigerated section, and platelet compartment with Bleach Germicidal or Hydrogen Peroxide wipes.

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| 2. | Replace data logger batteries. <ul style="list-style-type: none"> • Ensure data logger is plugged into an AC adapter prior to removal of batteries to prevent data loss |
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Quarterly Maintenance

Step:	Action:
1.	Check casters and brakes for proper operation.
2.	Check latches and handles for proper operation.
3.	Inspect rubber seals for integrity.
4.	Check battery alarms for each device individually, ensuring that only one device is unplugged at a time and another is not unplugged for check until the other two are fully charged. <ul style="list-style-type: none"> • Unplug Hemoroam device and note date and time unplugged • Turn off temperature alarm on the data logger • When alarm sounds, note date and time it first alarms, then plug back in <ul style="list-style-type: none"> ◦ Alarm will continue to sound at intervals until plugged back in ◦ Battery should last longer than 24 hours

All revision dates:

Attachments

[Hemoroam Maintenance Log.pdf](#)

Approval Signatures

Step Description	Approver	Date
Laboratory Director	Lindsey Westerbeck: Dir, Lab	pending