



# Rancho Los Amigos National Rehabilitation Center

## DEPARTMENT OF NURSING

### OPERATING ROOM

### POLICY AND PROCEDURE

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**SUBJECT:** Musculoskeletal Handling

**Policy No.:** OR003  
**Revision Date:** 09/2019  
**Effective Date:** 11/2006  
**Page:** 1 of 2

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**Purpose of Procedure:** To describe the method of assuring proper storage and handling of musculoskeletal tissue.

**Performed By:** Operating Room Staff

**Equipment:** For cleaning – Hospital approved disinfectant

**Policy:**

1. The Bone freezer will only be used for storage of banked musculoskeletal tissue purchased through an accredited nonprofit Tissue Bank. License and FDA Registration will be kept on file.
2. Musculoskeletal tissue will be ordered by authorized operating room staff. When musculoskeletal tissue is received the shipping box will be inspected for shipping date, intact dry ice (if indicated), expiration date and the integrity of the package.
3. The items received will be logged in the Bone Log book with description, lot number and expiration date. They will then immediately be stored in the appropriate location.
4. The temperature of the freezer will be maintained at -60 to -80 F. The temperature will be logged daily during days of operation. A Chart Recorder which allows continuous monitoring and will be inspected to determine if the temperature exceeded expected parameters during past 24 hours.
5. The freezer will be cleaned once a week.
6. The freezer will be plugged into the red emergency outlet.
7. The freezer will be checked for electrical/mechanical safety on an annual basis.  
(Refer to policy C154 Refrigerator Maintenance)
8. The Refrigerator/Freezer Log (RFL) is kept in a designated location in proximity to the freezer.
9. Completed RFLs will be kept in the Laboratory for three years or the duration of the Licensing and accreditation Cycle.
10. The freezer will be checked once a month for outdates and a report will be given to the Tissue committee with the following information:
  - a. Copy of the current bone/tissue log with expiration dates
  - b. Items implanted
  - c. Items disposed of
  - d. Date of disposal
  - e. Name of person items transferred to for disposal

**Procedural Steps:**

**Daily Temperature Check:**

1. Check and record the temperature daily and record time, initials and temperature on the designated date on the RFL. Check Chart Recorder to assure parameters are met.  
**Key point: Freezer Temperature should be between -60 to -80 F.**
2. Initial and sign name at the bottom of the RFL.
3. Record any problems or temperature discrepancies on the RFL and report problems or discrepancies to Facilities Management.

**Weekly Cleaning**

1. Using gloves, wipe the unit with the hospital approved cleaning solution inside and out.
2. Initial in the appropriate date on the RFL.
3. Initial and sign at the bottom of the RFL.

**Maintenance**

1. Annual preventive maintenance will be maintained by BioMedical Engineering.

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**Reference:**

Guidelines for Perioperative Practice 2018 Edition  
Essentials of Perioperative Nursing

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