



POLICIES AND PROCEDURES MANUAL

System Department

Supersedes:

Section: Biocontainment Unit

Subject: Isopod Cleaning and Storage

Number: 1162

Attachments:

Date Effective: June 2006

March 2007; March 2011; March 2013; June

Date Reviewed: 2015, November 2017; April 2018

**Nebraska Biocontainment Unit (NBU)
Isopod Cleaning and Storage Policy and Procedure**

Policy:

Isopods will be stored in the provided black duffel bags until needed. One NBU marked isopod will be kept in the Emergency Department storage room and two isopods will remain in the external NBU supply room. The batteries for the Isopod will be kept on charge in the internal NBU supply room and rotated to keep fully charged until needed.

Purpose:

To insure the Isopod is charged and ready for use when needed and to safely dispose of the Isopod after use.

Procedure:

Procedure for Storage:

- 1) HEPA filter battery packs will be stored with the PAPR batteries and charged per manufacturer's recommendations.
- 2) Each isopod will be checked for defects annually and prior to use.

Procedure for Cleaning:

A safe procedure for cleaning a used Isopod has not yet been determined. Until a method of cleaning is determined the isopod will be considered one-time use equipment.

Once used it will be dismantled and cut into sections that will fit into the autoclave.

The batteries and blower motors must not be placed in the autoclave. They will be kept in the designated dirty area until the NBU undergoes deactivation cleaning.

Battery storage and charging:

- 1) The battery will last up to 4 hours when fully charged.
- 2) Batteries should be charged in the charger in the external NBU supply room.
- 3) Dedicated NBU staff is responsible for charging and rotating batteries.
- 4) Once the battery is fully charged it should be removed from the charger.
- 5) The battery will lose 1% of its charge per day while being stored.
- 6) Each battery will lose potency based on frequent use, number of charges, and storage.
- 7) Batteries take 12 hours to fully charge.

Staff Accountability

Nebraska Biocontainment Unit Leadership
Nebraska Biocontainment Unit Policy and Procedure Workgroup

Department Approval

Signed | s |: Kate Boulter
Title: Nurse Manager
Department: NBU

Administrative Approval

Signed | s |: Michele Schwedhelm
Title: Executive Director