



# Institutional Animal Care and Use Committee

Effective Date: August 2017

Reviewed or Revised Date:

<b>Policy:</b> Equipment Sanitization
<b>Purpose:</b> To reduce microorganisms on equipment and transport carts
<b>Applicable To:</b> UMass Boston Research Community

This SOP is applicable to all ARCF personnel, PI's and research designee's, and individuals using carts within the vivarium. Personnel are responsible for following the procedures and guidelines as dictated in this SOP. ARCF management and PI's are responsible for ensuring that applicable individuals are in accordance with the SOP.

Identify if item/apparatus/equipment needs to be cleaned by hand or can it tolerate the water and temperatures of the cage washer. Any item that can be sanitized in the cage washer should be put through the cage washer. Items that have electronic components or parts that could be damaged in the cage washer should use the hand cleaning procedure below. If the item is on a cart, the cart entering the facility must be clean as well.

**Tools:** Dust pan and brush, clean rag or paper towel, disinfectant spray (Clidox solution 1:18:1) located at the PPE stations within the ARCF

Cleaning of equipment:

1. Remove loose debris
2. Spray Clidox on clean lint-free cloth
3. Wipe down equipment thoroughly including power cord with prepared cloth

Cleaning of cart:

1. Remove all objects on cart
2. Clean all surfaces with dustpan and brush to remove loose debris.
3. Apply disinfectant spray and allow a contact time of 10 minutes for bleach solution or 5 minutes for Clidox solution. Be sure to spray both vertical and horizontal surfaces—apply additional misting of disinfectant to keep surfaces wet during contact time.

Cleaning of cart wheels:

1. To clean wheels wipe debris from wheels with a clean rag.
2. Squirt disinfectant on wheels of cart and allow proper contact time (keeping wheels wet as above).
3. Spray floor area in front of each wheel and roll the cart through to ensure application of disinfectant to complete wheel surface (see image below).

