

Halo Disinfection Policy and Procedure

Pertains to: Housekeeping, Environmental Services

Effective Date:

Revised Date:

Review Date:

ENHANCED DISINFECTION SOLUTION

The Halo Disinfection System™ is an enhanced total room no touch disinfection solution that is EPA registered and validated for a six log 99.9999% kill for Clostridium Difficile spores, MRSA, Pseudomonas, fungi, mold and many other pathogens. This system is used as an adjunct to basic cleaning of gross contaminants and filth in a patient care area. The Halo™ Disinfection System combines a choice of two patented hydrogen peroxide-based disinfectants for use with the dry-mist dispensing HaloFogger™ as an easy to use hard surface disinfection system.

POLICY & PROCEDURES

CORE PREVENTION STRATEGIES--- Strategies that should always be in place

1. All resident rooms are to be fogged at least once a month as part of the monthly terminal room cleaning.
2. All resident rooms are to be fogged upon resident discharge.
3. Common areas such as tub/shower rooms, and rehab/therapy rooms should be fogged weekly or as necessary.
4. Other common areas such as beauty shop, conference rooms, and library should be fogged monthly.

ENHANCED PREVENTION STRATEGIES--- Strategies to be considered in addition to core strategies when:

- a) There is evidence that the core strategies are being implemented and adhered to consistently
- b) There is evidence of on-going transmission HAI or an increase in HAI
- c) There is evidence of change in pathogenesis e.g. increase morbidity/mortality
- d) An outbreak as defined by facility protocol

In addition;

1. Any resident with an active infection will have their room fogged weekly.
2. Any resident identified as having a high risk to infection will have their room fogged weekly.

Responsibilities:

In addition to housekeeping's routine cleaning responsibilities the housekeeping staff will be responsible for the actual fogging. A designated person will be responsible for maintaining the fogging disinfection schedule and keeping the log of location, date and other information as required.

A designated person will communicate with housekeeping upon a resident discharge from the facility and the discharged room will be added to the fogging disinfection schedule. Information will be

communicated to housekeeping regarding whether the room to be disinfected was an active infection room.

A designated person will communicate with housekeeping regarding any resident with an active infection or a high risk resident. A schedule will be developed to provide Enhanced Disinfection using the HaloFogger™ System.

Halo Disinfection Procedure

Operating Instructions – Room Preparation - Disinfecting

Equipment:

1. Halosil HaloFogger™
2. HaloMist™ Solution
3. Chemical indicator strips
4. Vent Covers – HaloShield™
5. Smoke Detector Cover
6. Halo™ Disinfection In-Progress sign
7. Tape measure
8. Blue painter tape

A gross contaminate clean must be performed removing all organic materials such as blood, stool, urine, food and bio-films. The use of a mild detergent or disinfectant should be used. Once this is complete you are ready to prepare the room for Halo™ Disinfection.

1. Close all windows, partially open privacy curtains and window curtains.
2. Remove any open food, drinks, live plants, fish or other living creatures.
3. If possible, turn off the HVAC system and fans in the room or use HaloShields™ to block the vent. And return. Use smoke detector cover to prevent false alarms during fogging.
4. Remove linens from bed and prop mattress up against bed rail. Resident clothes and belongings may remain in the room, closets and drawers if necessary without harm.
5. Make sure drawers, cabinet doors, etc. are open to allow the HaloMist™ to enter.
6. Place any equipment that requires disinfection into the room.
7. Position the HaloFogger™ in a corner of the room one foot (0.3 meters) away from the wall, pointing the nozzle towards the center of the room. If possible, choose the corner farthest away from vents or duct work. If there is a bathroom /shower in room then open the door and aim fogger in that direction.
8. Once the room is prepared, plug the HaloFogger™ into a standard electrical outlet. When the power connection has been made, the green status indicator light on top of the device will illuminate.
9. Multiply room length X width X height = Cubic Feet of the room. Round up to the nearest cubic foot or meter. Set your timer dial (See back of unit).
10. Do not set the timer for longer than the suggested time. Excessive fogging may cause the room to become wet.

11. Check the fluid level indicator lights to make sure there is enough HaloMist™ in the HaloFogger™ to treat the current room size. If not, refer to the Setup and Filling section of the manual to refill.

12. *Press and hold the Start button for 2 seconds. The green status indicator light will begin to flash red indicating that you have 30 seconds to leave the room before the HaloFogger™ begins to operate.

*** The HaloFogger™ can be shut off at any time by pressing the Start button.**

13. Close the door to the room after you have exited. Post a sign on the door indicating that the room should not be entered. Apply three inch tape around the bottom of the door. Place Treatment sign on the door.

14. After 30 seconds, the status indicator light will turn solid red and the HaloFogger™ will begin to dispense HaloMist™ Disinfectant into the room. It is likely that you will hear the HaloFogger™ running through the door.

15. When the HaloFogger™ has finished dispensing, the room will be full of atomized, dry-mist HaloMist™ Disinfectant. The status indicator light will change from red to flashing red.

16. The room must remain unoccupied for a total of 90 minutes following a 10-15 minute fogging cycle. Sixty (60) minutes is a required dwell to assure a 99.9999% pathogen kill after the fogging has stopped. After the dwell time the vents should be opened and HVAC turned on to aerate the room. The room may be re-occupied following room aeration. This total process takes between 75-90 minutes.

17. Early re-entry into the room after fogging when H2O2 Levels are above 1PPM, requires a half face respirator and unvented goggles to be worn.

18. When finished, unplug the HaloFogger™ and remove it from the room. Store it in a safe, dry location in an upright position.

A Walk Around Tour of the HaloFogger®



www.halosil.com

Rear Handle

Status Indicator Light

High Precision Nozzle

Dry-mist of disinfectant is dispensed through nozzle.

Timer Dial

Turn the dial to set time for fogging treatment.

Fogging Time Chart can be found in the HaloFogger User Manual and on the rear panel of the Halo unit.

Start Button

Press and hold for 2 seconds to begin unit's countdown and the treatment process.

Disinfectant Fluid Level Indicator

Shows how much disinfectant is in the reservoir and when it is time to refill.

Reservoir Door

Push and lift open to expose funnel port for refilling.

Front Handle

Reservoir Door

Funnel Port

Large Wheels

For easy maneuvering.

Power Cord Connection

For more information,
please contact:



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