



VIVAX MEDICAL CORPORATION QUALITY ASSURANCE PROCEDURE			
Title:	Care and Maintenance		
DCN:	VM-29	Revision:	C

1.0 Purpose and Scope

The purpose of this procedure is to ensure the Soma Safe Enclosure is cleaned after each use in accordance with the JCAHO, FDA, and Vivax Medical Corporation policies. Vivax ensures that the detergents, cleaning agents and chemicals utilized are EPA registered hospital-grade chemical disinfectants that are effective against a broad spectrum of pathogens.

2.0 References

Contamination Control (VM-28)
Enclosure Laundering (VM-31)

3.0 Definitions

FDA – Food and Drug Administration
JCAHO – Joint Commission of Accreditation of Healthcare Organizations
VMC – Vivax Medical Corporation
EPA – Environmental Protection Agency
Isolation Room – Any room in a hospital or like facility that requires the donning of PPE other than the standard pair of nitrile gloves.
PPE – Personal Protective Equipment
C-Diff – Clostridium difficile, a species of gram-positive spore forming bacteria.

4.0 Responsibilities

5.0 Approved Contact Materials

- 5.1. CaviWipes1:** Primary product for cleaning of non-isolation room frames prior to removal from the facility.
- 5.2. Virasept:** Manufactured by Eco-Lab this product is used for the cleaning of frames prior to the removal from isolation rooms. Virasept is the first non-bleach, ready-to-use, EPA registered disinfectant efficacious against Clostridium difficile endospores.
- 5.3. Ecolab High Performance Neutral Floor Cleaner**
- 5.4. Ecolab Rapid Multi-Surface Disinfectant:** A product manufactured by Eco-Lab that helps reduce the spread of microorganisms on hard surfaces.
- 5.5. Tri-Star Laundry Detergent Plus:** A one shot low pH non-phosphate liquid laundry detergent manufactured by Eco-Lab.
- 5.6. Artemis Bio-Oxegyn Laundry Parts A & B:** A two-part laundry detergent system that effectively removes harmful bacteria, mold spores, viruses and allergens while leaving behind a barrier inhibiting the growth of microorganisms. Artemis Bio-Oxygen Laundry has produced excellent kill rates on C-Diff in less than 2 minutes.
- 5.7. Tri-Star AdvaCare 120 Sanitizer/sour:** Combined laundry sanitizer and sour, manufactured by Eco-Lab, that provides high neutralizing capacity sanitizing linen at



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temperatures as low as 90° Fahrenheit as compared to the normal 160° temperature mandated by the U.S. Government.

5.8. 3% Hydrogen Peroxide Solution: Can be used in lieu of the above-mentioned Eco-Lab Tri-Star Products. An unscented laundry detergent shall be added when using the peroxide option.

6.0 Procedure

6.1. Cleaning in a Non-Isolation Room

- 6.1.1. Remove the enclosure from the frame and place in a black plastic bag large enough to handle the enclosure without tearing. Tie bag closed so none of the enclosure is exposed. With the exception of removal from the hospital the enclosure will not be handled again until at a Vivax facility to be laundered.
- 6.1.2. Remove the frame from around the bed and begin wiping down the entire frame with CaviWipes1. All pins are to be removed and hinges adjusted so as the entire frame can remain wet for at least one minute for the product to work effectively. Any areas that were not accessible shall be sprayed with Ecolab Multi-surface disinfectant Cleaner and allowed to stay wet for ten minutes.
- 6.1.3. Once products are dry the frame may be collapsed and is considered ready to use.
- 6.1.4. Upon arrival at a Vivax facility nets in black bags are taken to the appropriate area designated for dirty equipment.
- 6.1.5. Dirty nets are then laundered in a commercial laundry machine and logged following procedure VM-31.

6.2. Cleaning in an Isolation Room

- 6.2.1. Be sure to don all necessary PPE before going on to the next step.
- 6.2.2. Remove the enclosure from the frame and place in a black plastic bag large enough to handle the enclosure without tearing. Tie bag closed so none of the enclosure is exposed. The bagged net is then placed in a red or yellow "Hazard" bag and tied so as none of the black bag is visible. With the exception of removal from the hospital the enclosure will not be handled again until at a Vivax facility to be laundered.
- 6.2.3. Remove the frame from around the bed and begin wiping down the entire frame with CaviWipes1. All pins are to be removed and hinges adjusted so as the entire frame is allowed to remain wet for at least one minute for the product to work effectively. Upon allowing the CaviWipes1 product to dry, spray the entire frame with Virasept and let it remain wet for at least ten minutes.
- 6.2.4. When dry spray the entire frame again with Virasept and wipe dry. The frame may then be collapsed and is considered ready to use.
- 6.2.5. Upon arrival at a Vivax facility nets in yellow or red bags are taken to the appropriate area designated for dirty isolation equipment
- 6.2.6. Dirty nets are then laundered in a commercial laundry machine and logged following procedure VM-31.



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Note* There is no substitution allowed for the Artemis Bio-Oxygen Laundry products, they must be used when laundering an enclosure removed from an isolation room.