

<b>Effective Date</b> 03/June/2021		<b>Last Revise</b>	<b>Pages :4</b>
<b>Issued by</b>	Fleet ICO , Fleet RDM		
<b>Shipboard</b>	Medical Staff , Houskeeping Department		
<b>Shore-Side</b>	SVP Marine Operations , SVP Hotel Operations		
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## 1. Purpose

To ensure that the Medical Center , Treatment Rooms, Wards, ICU, office areas are properly cleaned and sanitized and maintained in a clean, hygienic, sterile and infection free environment. The cleaning of the Medical Center and equipment is the responsibility of both the Medical Center Staff ( Doctor and Nurses) and Houskeeping Utilities / Hit Squad

## 2. Definitions of Medical Equipment

The Medical Staff are responsible for ALL medical equipment.

Reusable equipment are defined as medical devices that health care providers can reuse to diagnose and treat multiple patients. Examples of reusable medical devices include otoscopes, stethoscopes, blood pressure cuffs, pulse oximeters. When used on patients, reusable devices become soiled and contaminated with microorganisms.



Single-use medical devices include any medical equipment, instrument or apparatus having the ability to only be used once in a hospital or clinic and then disposed.



Whilst handling re-usable medical equipment on a day to day operation, the Medical Center shall establish a 'used / dirty' area and make use of a labelled container "Dirty Items" to collect instruments for cleaning and disinfecting at the nearest available time.

For larger items, these items may be placed in a defined ' dirty area' clearly labelled and segregated from a 'clean area'.

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Single use items must be disposed of in the appropriate waste receptical such as a 'sharps container' for sharp objects and biohazard waste for all other medical equipment and supplies.



### 3. Cleaning of Re-usable medical Equipment

Re-usable medical equipment where possible must be cleaned using warm water and detergent to remove soils and scrubbed before disinfection occurs.

Methods of Disinfections may be by the use of:

- Alcohol / Ethanol
- Kay 5 Sanitizer ( Chlorine Base)
- Peroxide Multi Surface Cleaner and Disinfectant

Adenosine triphosphate bioluminescence and microbiologic sampling may be conducted to evaluate the effectiveness of environmental surface cleaning . At a minimum, all instruments should be individually inspected and be visibly clean. ATP testing may be conducted by the vessel Infection control Officer.

### 4. Available Chemicals for cleaning and Disinfectant and their uses

The following products are available for cleaning and disinfection of the Medical Center:

#### ALCOHOL

424270	HANDCLEANER GEL - ETHANOL 70% EA= 1 BOTTLE @ 500 ML	EA
M06300180	MEDICAL EQUIPMENT TO USE WITH CEPHEID PCR TEST MACHINE Chemistry Reagent Ethanol ACS Grade 70% 16oz EA= 1BTL	EA

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## SANIWIPES ( ALCOHOL BASED)

424262	WIPES - FOOD CONTACT SANITIZING EA = 1 PKCT @ 80 WIPES (12 PKCT PER CASE) ECOLAB # 60122-46-11	EA
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Wipes containing alcohol may be used where electronics ( scanners / controls of medical equipment / screens / computers / monitors) may be affected or where alcohol may be the preferred disinfectant for the instrument or object.

## Peroxide Multisurface Cleaner and Disinfectant



A bottle can be supplied by Housekeeping and the Nursing staff shall be advised where the bottle can be refilled at the dispensing point. Standard dilution under OPP Plus ( green level) is 4oz / 2350ppm with 5 minute contact time, allow to air dry. Under OPP Ultra ( GI Outbreak) and OPP Max (PUI / Covid) 6oz / 3500ppm with 3 minute contact time. Allow to air dry. The Chief Housekeeper will periodically check the concentrations and ensure is correct.

Peroxide Multi Surface Cleaner and Disinfectant can be used on all surfaces and can be applied to a clean rag (yellow / blue) and used to clean desks/ chairs / door handles / telephones/ work spaces/ high touch surfaces / treatment table / cabinets and counter tops. Peroxide multi Surface Cleaner and Disinfectant can also be used to clean hospital floors.

## Kay 5 Sanitizer



Kay 5 sanitizer when diluted with water produces a chlorine bleach solution. 1 sachet mixed in a bucket of 9.5 liters water has the equivalent of 100ppm. Dilutions can be adjusted as required and tested with litmus paper.

## 5. Housekeeping Cleaning responsibilities

Housekeeping undertakes to clean ' non – medical / non-specialist items.' Housekeeping Utilities will clean the waiting room furniture , walls, floors and frequent touch surfaces.

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The treatment room floors, ward floors and corridors shall be cleaned daily. The walls and ceilings shall be cleaned as required at least once per week. Houskeeping shall maintain the wards / isolation and ICU ensuring there is adequate bed linen / bedding / towels/ hand soap and shower soap available at all times.



**Exception to this is when the ICU is in use – and the zone is closed. The Medical Team will have to manage the area themselves. Housekeeping must NOT go in as it's an isolation zone.**

In the event there is a requirement of a biohazard spill to clean up ( Bodily fluids / fecal / vomitus) then the Chief Housekeeper must be notified and the Hit Squad shall respond with the appropriate PPE kit and tools to effectively clean and disinfect the area.

At the end of each day the Medical center shall be electrostatically sprayed / fogged with Hypochlorous Solution 50 - 300ppm. In the event of an outbreak, the medical center shall be electrostatically fogged at the end of each opening time.

## **6. Medical Staff Cleaning responsibilities**

The Nurse and Doctor are responsible for their own work stations ( telephones / computer / desk areas / chair ) and shall maintain their work station in a clean, sanitized and disinfected manner.

Work benches , medical preparation and storage areas shall be frequently cleaned and sanitized by Medical Staff. ALL reusable medical equipment shall be cleaned by Medical Staff only.

The Doctor is responsible to ensure that the Medical Center is maintained in a continuous state of readiness maintaining sterile and hygienic environments at all times and to ensure adequate cleaning and disinfection supplies are always available.