



Purpose:	To define criteria and requirements for the cleaning and disinfection of non-critical IMIT equipment and non-critical medical devices in clinical areas where care is provided and clinical devices are shared.
Scope:	<p>All Island Health care providers including health care staff, physicians, contracted services, volunteers and students who work in clinical and support areas.</p> <p>Devices in scope: any device used by a single staff member that is taken from room to room but does not touch the patient; any device that touches the patient’s skin or the patient’s environment; any device that is shared between patients and any device that is shared between staff. Examples include, but are not limited to: vocera badges, medication delivery carts, workstation on wheels (WOWs), keyboards, computer screens, barcode scanners, tablets, laptops, phones, personal devices, portable vital sign monitors, oximeter machines, and bladder scanners.</p>
Outcomes:	Reduce the potential direct and indirect transmission of microorganisms from staff, patient and environmental interaction. All user groups will actively integrate transmission risk assessment into their daily work flow and patient interaction to identify and perform appropriate cleaning and disinfection protocols.

1.0 Guiding Principles

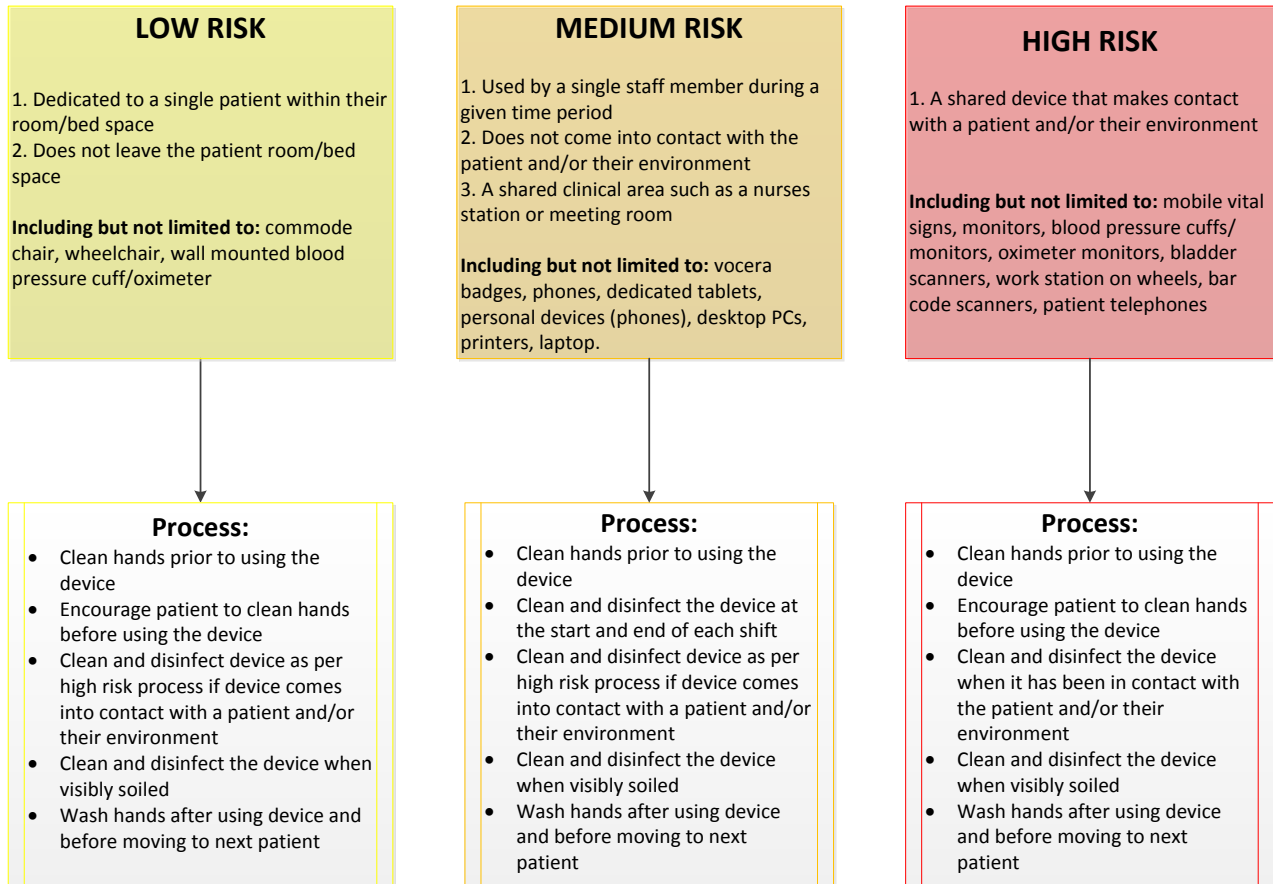
1. It is assumed that all non-critical medical devices and IMIT equipment are contaminated if they come in contact with the patient or the patient’s environment or have been touched with “unclean hands”.
2. All non-critical medical devices and IMIT equipment will be approached with clean hands.
3. This protocol will be integrated by the user groups into their daily practice.
4. The appropriate product and each contact time according to manufacturer’s recommendations will be available at point of use to enable user groups to integrate the protocol, See Appendix B.
5. The procedure for cleaning (cleaning vs. cleaning **and** disinfection) will be determined by applying the transmission risk assessment tool to the medical device or IMIT equipment. See Appendix A.

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Non-critical Medical Devices and Information Management/Information Technology Equipment Cleaning and Disinfection

2.0 Protocol

Non-critical Medical Devices and IM/IT Equipment Transmission Risk Assessment



Note: Routine practice recommends gloves are used for all cleaning where the medical device or IMIT equipment may potentially have contact with bodily fluids.

Note: When a patient is on **Additional Precautions**, staff will be expected to follow the [Infection Prevention and Control Reference Guide](#).

Note: Clean and disinfect the device at the beginning and end of each shift to ensure it is safe to use.

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3.0 Definitions

Cleaning: Is the physical removal of foreign material (e.g. dust and soil) and organic material (e.g. blood, secretions, excretions, microorganisms). Cleaning physically removes rather than kills microorganisms. It is accomplished with water, detergents and mechanical action. Cleaning must be performed before disinfection or sterilization.

Clinical environment: area relating to the bedside of a patient, the course of his disease, or the observation and treatment of patients.

Cross Contamination: is the physical movement or transfer of harmful bacteria from one person, object or place to another.

Disinfection: a chemical agent that kills most disease-producing microorganisms, but not necessarily bacterial spores. Medical devices must be cleaned thoroughly before effective disinfection can take place. There are three levels of disinfection: High, Intermediate and Low.

Hand hygiene: a general term referring to any action of hand cleaning. Hand hygiene relates to the removal of visible soil and removal or killing of transient microorganisms from the hands. Hand Hygiene shall be accomplished using soap and running water or an alcohol-based hand rub (ABHR).

IMIT (Information Management and Information Technology) or Medical device: any instrument, apparatus, appliance, material, or other article, whether used alone or in combination, intended by the manufacturer to be used by human beings for the purpose of diagnosis, prevention, monitoring, treatment or alleviation of disease, injury or handicap; investigation, replacement or modification of the anatomy or of a physiological process; or control of conception.

Manufacturer's Instructions for Use: the written directions provided by the manufacturer or distributor of a product that contain the necessary information for the safe and effective use of the product.

Non-critical Medical device: devices that either touch only intact skin (but not mucous membranes) or do not directly touch the patient. Reprocessing of non-critical devices involves cleaning and may also require low-level disinfection (e.g. blood pressure cuffs, stethoscopes).

Risk Assessment: is performed principally to rule out the presence of infectious disease and is completed where the patient, the healthcare worker and the environment interact. Its purpose is to assess the degree of exposure likely during an encounter and to determine the actions, additional precautions and equipment necessary to interact safely with the patient and their environment.

4.0 Related Island Health Standards

- [IPAC reference guide](#)
- [Medical Device Reprocessing Manual](#)
- [Hand Hygiene Policy](#)

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- [Housekeeping \(ESS\)](#)

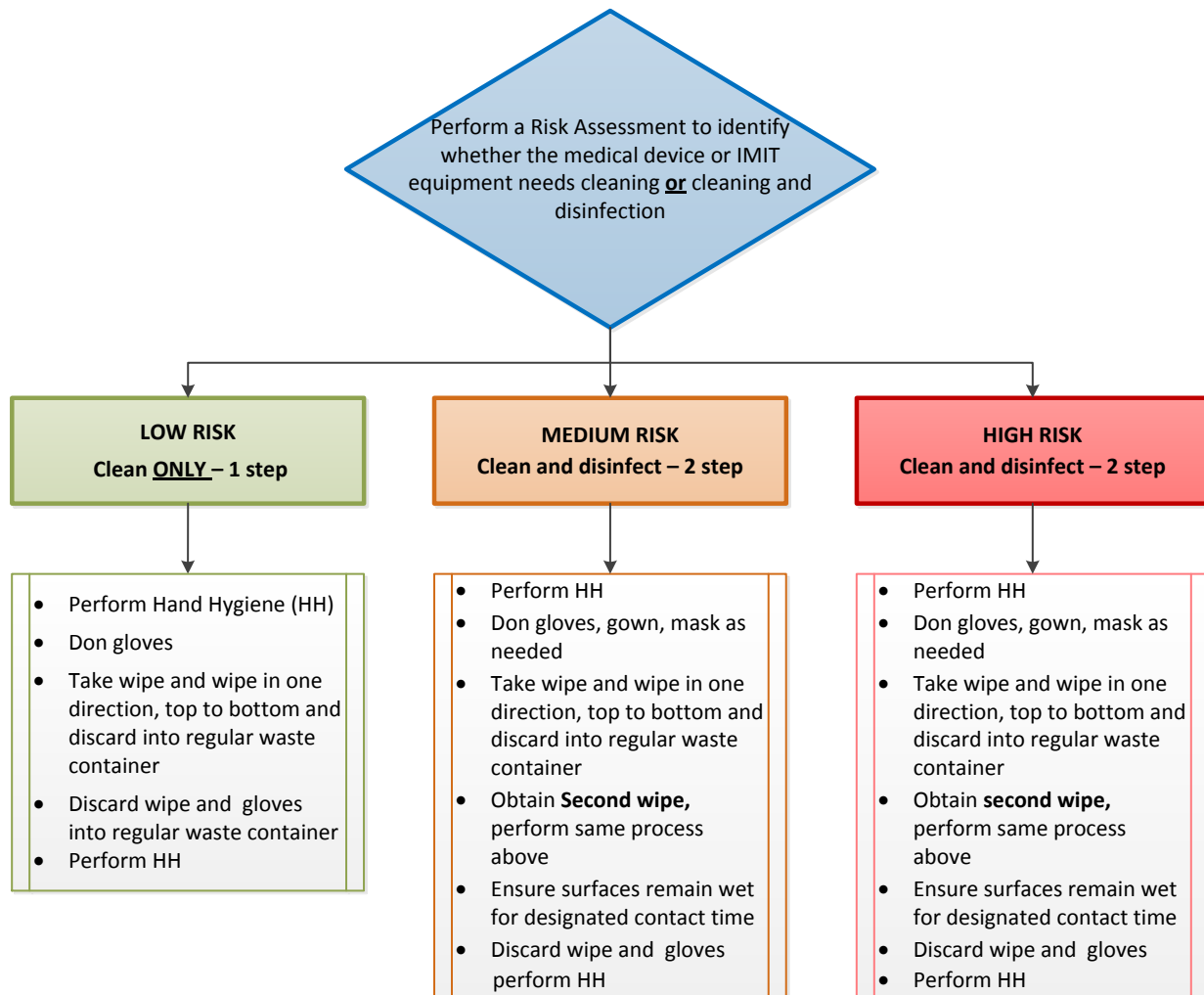
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Appendix A:

Procedure for Cleaning versus Disinfection of Non-critical Medical Devices and IM/IT Equipment Transmission



Please Note: The 1 step process (one wipe) will achieve **cleaning only**. Cleaning is a pre requisite to disinfection. Cleaning **and** disinfection is a 2 step process (two wipes).

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Appendix B:

Island Health Endorsed Cleaning and Disinfectant Products

Product Name	Active Ingredient	Form	Wet contact time
PREvention Wipes	Accelerated Hydrogen Peroxide 0.5%	Wipe	3 min
Cavi Wipes	2 - Propanol 17.2 %	Wipe	3 min

Note: Unit managers or department heads will be responsible for purchasing and refilling of these products as required.

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