

Best Practice Guideline	Rapid Disinfectant (RD) Machine Use Priorities
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Site Applicability

All Vancouver Coastal Health acute care facilities with an RD machine.

Scope of Practice

For use by clinical and EVS staff. Contact IPAC for unusual circumstances or help in interpreting this document.

Purpose

Provide IPAC guidance on how to prioritize the use of the Rapid Disinfectant Machine.

Background

RD machines have been deployed broadly to support environmental cleaning and disinfection in the acute setting. This document reflects the IPAC strategy for RD prioritization within Vancouver Coastal Acute Care facilities when the machine is available.

Priority List

Clinical Staff

RD Machine will be used in rooms housing patients with infections or colonization, in this priority order:

1. Isolated *Clostridioides difficile* (previously known as *Clostridium difficile*) (*C. diff*)
2. *Candida auris* (*C. auris*)
3. Carbapenemase-Producing Organism (CPO)
4. Norovirus and other gastrointestinal pathogens
5. Influenza-like illness (including COVID-19)
6. Methicillin Resistant *Staphylococcus aureus* (MRSA)

EVS Staff

RD Machine will be used in rooms housing patients with this type of additional precautions:

- 1) Contact Plus
- 2) Outbreaks of GI illness
- 3) Outbreaks of Respiratory illness
- 4) Droplet and Contact
- 5) Contact

To maximize usage when not otherwise deployed for isolation cleaning, the RD machine will be used in the following areas and in the following priority order (provided there is a door that can be closed and the room has been thoroughly cleaned within the last hour):

- 1) Shared patient bathrooms
- 2) Multi-use shared tub/shower rooms
- 3) Public bathrooms
- 4) Endoscopy and bronchoscopy suites (VGH ORs have dedicated RD support)

