

Use of UV Light as part of terminal clean during period of High Prevalence COVID-19

UV light is a helpful adjunct to cleaning protocols, providing an extra degree of assurance that room is thoroughly disinfected and ready for next patient. Some studies have demonstrated reduction in HAIs when UV light is used after cleaning. However, UV light treatment is not specifically recommended as part of terminal cleaning process by the CDC.

General Principles:

1. The most important step in preparing the room for the next admission is thorough terminal cleaning of the room.
2. UV light treatment of room is not required for safe patient placement.
3. The goal is to focus use of UV light treatment in rooms that will most likely benefit from added level of disinfection.

Recommendations:

I. Protocol for room cleaning Enhanced Isolation/Quarantine Isolation/Contact Isolation discharge:

- a. At discharge, rooms should be terminally cleaned, with scrupulous attention to high touch surfaces.
- b. UV light should be used as possible, with prioritization given per schedule below.
- c. Patient placements should not be unduly delayed due to inability to treat a room with UV light.

II. Prioritization for UV Light

| Level | Description |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | (+) COVID-19 patient in room >4 hours, non COVID unit <i>OR</i> (+) CDIFF or (+) CRE patient in room >4 hours, any unit |
| 2 | (+) COVID-19 patient in room <4 hours, non-COVID unit |
| 3 | Other MDRO patients |
| 4 | PUI, non COVID unit |
| 5 | Positive COVID-19 patient on designated COVID-19 unit <ol style="list-style-type: none">a. Rooms are terminally cleaned between patients.b. As available, UV light should be used to treat rooms at least monthly |

References:

CDC Guidelines for Environmental Infection Control in Health-Care Facilities

<https://www.cdc.gov/infectioncontrol/guidelines/environmental/background/services.html>