

# SOP Template: Isolation Room Cleaning Protocols for Infectious Patients

This SOP details **isolation room cleaning protocols for infectious patients**, including the step-by-step cleaning and disinfection procedures, appropriate personal protective equipment (PPE) usage, waste disposal methods, handling of contaminated materials, ventilation requirements, and post-cleaning inspection standards. The objective is to minimize the risk of cross-contamination, ensure a safe environment for healthcare workers and patients, and maintain strict infection control within healthcare settings.

## 1. Scope and Purpose

This Standard Operating Procedure (SOP) outlines the protocols for cleaning and disinfecting isolation rooms housing infectious patients, to prevent cross-contamination and maintain compliance with infection control standards.

## 2. Responsibilities

- Environmental Services staff: Conduct cleaning and disinfection.
- Unit Nurse-in-Charge: Oversee cleaning processes; ensure room readiness post-cleaning.
- Infection Control Officer: Monitor protocol compliance.

## 3. Required Equipment and Materials

Item	Specification
Personal Protective Equipment (PPE)	Gloves, gowns, N95 mask or equivalent respirator, eye/face protection, shoe covers
Cleaning Supplies	Hospital-grade disinfectant, cleaning cloths, mop & bucket, disposable wipes
Waste Disposal	Biohazard waste bags, sharps containers
Other	Signage, hand hygiene supplies

## 4. Procedure

- 1. Preparation**
  - Inform relevant staff and ensure the isolation room is vacant or patient consent/education is given.
  - Perform hand hygiene before donning PPE.
  - Don complete PPE per protocol.
  - Place appropriate signage at the room entry.
- 2. Waste Management**
  - Remove all waste in designated biohazard bags.
  - Sharps must be disposed of in approved sharps containers.
- 3. Cleaning and Disinfection**
  - Clean all high-touch surfaces first (doorknobs, bed rails, switches, etc.).
  - Disinfect all surfaces using an approved hospital-grade disinfectant.
  - Change cloths/mops between rooms or when visibly soiled.
  - Clean floors, moving from clean to dirty areas, using a double-bucket system when feasible.
- 4. Handling of Contaminated Materials**
  - Linen: Handle with minimum agitation. Place directly into designated laundry bags for infectious materials.
  - Reusable equipment: Clean and disinfect before removing from the room.
- 5. Ventilation Requirements**
  - Ensure negative pressure or appropriate airflow is maintained throughout cleaning.
  - Do not disrupt air handling systems or close ventilation grilles.
- 6. Post-Cleaning**
  - Remove and dispose of PPE as per protocol, performing hand hygiene after each removal step.
  - Enter inspection checklist completion and notify supervisor/unit staff that cleaning is finished.

## 5. Inspection and Quality Assurance

- Supervisor or Nurse-in-Charge to inspect cleaned areas using a standard checklist.
- All deficiencies must be corrected prior to room re-occupancy.
- Document cleaning date, time, and staff involved.

## 6. References

- CDC Guidelines for Environmental Infection Control in Health-Care Facilities
- World Health Organization (WHO) Cleaning and Disinfection Guidance
- Facility Infection Prevention and Control Manual

## 7. Revision History

Date	Version	Description	Author
2024-06-10	1.0	Initial SOP Release	[Insert Author Name]