

# Managing Common Infections in Nursing Homes

Prevention, Isolation,  
and Intervention



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# Objectives

- Identify common infections seen in nursing homes, including their transmission routes and risk factors
- Describe appropriate infection prevention and control measures, including isolation precautions and environmental cleaning strategies
- Apply evidence-based interventions to manage and contain infections, minimizing outbreaks and protecting residents and staff

# Overview

- Common infections in nursing homes
- Importance of early detection, proper interventions, and isolation measures

# Common Infections in Nursing Homes

- Respiratory infections
  - Influenza
  - COVID-19
  - Respiratory syncytial virus (RSV)
  - Pneumonia
- Transmission routes and risk factors

# Common Infections in Nursing Homes

- Key interventions
  - Vaccination
  - Hand hygiene
  - Personal protective equipment (PPE)
  - Isolation

# Common Infections in Nursing Homes

- Gastrointestinal infections
  - Norovirus
  - C. difficile
  - Foodborne illnesses
- Transmission and risk factors

# Common Infections in Nursing Homes

- Key interventions
  - Cohorting
  - Hand hygiene
  - Environmental cleaning

# Common Infections in Nursing Homes

- Skin and soft tissue infections
  - MRSA
  - Scabies
  - Pressure ulcers with secondary infections
- Transmission and risk factors

# Common Infections in Nursing Homes

- Key interventions
  - Contact precautions
  - Wound care protocols

# Infection Control Measures & Isolation Protocols

- Standard Precautions vs. Transmission-Based Precautions

# Infection Control Measures & Isolation Protocols

- Contact
- Droplet
- Airborne precautions

# Infection Control Measures & Isolation Protocols

- When to implement and discontinue isolation  
[Appendix A: Type and Duration of Precautions](#)  
[Recommended for Selected Infections and Conditions](#)

# Infection Control Measures & Isolation Protocols

- Environmental cleaning and disinfection
  - High-touch surfaces
  - Shared equipment
  - Room turnover

# Infection Control Measures & Isolation Protocols

## Staff and Resident Education

- Hand hygiene compliance
- PPE training
- Respiratory etiquette

# Infection Control Measures & Isolation Protocols

## Staff and Resident Education

- Audit Tools

- <https://www.qualityinsights.org/qin/resources#hand-hygiene-checklist>
  - <https://www.qualityinsights.org/qin/resources#infection-control-checklist>
  - <https://www.qualityinsights.org/qin/resources#ppe-checklist-fillable>

### Hand Hygiene Checklist

Personnel	Yes			No			NA					
<b>HAND HYGIENE</b>	Yes	No	NA									
Sink and soap available												
Paper towels available												
ABHR available												
Nails acceptable												
Appropriate PPE available												
Appropriate handwashing												
Appropriate ABHR												
HH pre-resident contact												
HH post-resident contact												
HH after contact with body fluids												
HH after touching objects/surfaces												
HH after PPE removal												
Gloves worn												
Gloves appropriate												
Gown worn												
Gown appropriate												
Mask worn												
Mask appropriate												
<b>WOUND CARE</b>	Yes	No										
Clean surface												
All supplies assembled												
HH performed												
Clean gloves donned												
Prevented cross contamination												
Contaminated glove changed												
HH performed												
Clean gloves donned												
Clean dressing applied												
Unused supplies discarded/dedicated												
Soiled surfaces disinfected												
Gloves removed												
HH performed												

### Infection Control Observations

Personnel	Yes			No			NA					
<b>HAND HYGIENE</b>	Yes	No	NA									
Sink, soap, paper towels available												
ABHR available												
Nails acceptable												
Appropriate PPE available												
Appropriate handwashing												
Appropriate ABHR												
HH pre-resident contact												
HH post-resident contact												
HH after contact with body fluids												
HH after touching objects/surfaces												
HH after PPE removal												
Gloves worn												
Gloves appropriate												
Gown worn if appropriate												

### Personal Protective Equipment (PPE) for Transmission Based Precautions

Date	Yes			No			N/A					
<b>Personnel</b>	Yes	No	N/A									
Performed hand hygiene												
Tied gown and fastened at neck and waist												
Selected appropriate mask or respirator												
Applied mask appropriately												
Selected face shield or goggles, if appropriate												
Applied gloves to cover cuffs												
Keeps hands away from mask/face once PPE in place												
<b>Doffing</b>	Yes	No	N/A									
Removed PPE at doorway or in a room												
Used proper glove in glove technique for removal												
Removed face shield or goggles without touching face												
Unfastened ties on gown and removed gown												
Took care not to have outside of gown touch clothing												
Removed mask or respirator												
Performed hand hygiene												
Immediate feedback given by observer												

# Thank You!

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