

## Case Management

### Initiate Contact Precautions

- After receipt of positive culture result **OR**
- Preemptively while awaiting results for residents who have risk factors for CPE:
  - See [ARO Risk Factor-Based Screening Guidance for All Health Care Settings](#)

### Communication (Notification)

- Notify the IPAC lead, DOC or CRN
- Flag chart
- Post contact precautions sign on room door
- If case was transferred to or from another facility, notify that facility

### Room Placement (Accommodation)

- Private room with dedicated equipment & toileting (toilet or commode) is essential.
- If a private room is not available, avoid placing the colonized resident with a resident with open wounds, indwelling devices, uncontained excretions & secretions, poor personal or hand hygiene, immunocompromised or colonized with another ARO.
- Resident Movement: Isolation is not needed if there are no signs or symptoms of infection. Assist resident with performing frequent hand hygiene.



### Continue Contact Precautions

- Re screening to discontinue precautions is **NOT** recommended.
- The duration of colonization may be prolonged and there is insufficient evidence to recommend the frequency of rescreening.

### Review Care Plan Quarterly

- Identify resident as low, medium or high risk for spreading CPE.
- For more information:
  - [CPE Transmission Risk Factors in Long-Term Care Homes](#)
  - [Resident Admission, Discharge, and Transfer Considerations for CPE](#)
  - [Information about CPE for Long-Term Care Homes Residents, Family and Visitors](#)

## Contact Management

### Roommates

Does the case have any roommates? If so, were there exposure risks in the room?

### Point Prevalence

Recommended following identification of a single new nosocomial case of CPE on a unit/ward.

Yes

Yes

**Initiate Contact Precautions**

**Consider Contact Precautions**  
based on exposure risk

### Collect Specimens

Collect a minimum 3 sets of specimens\* taken on different days, with at least one taken 21 days after last exposure.

**Positive**  
Manage as a case

Specimen\* #1

Date: \_\_\_\_\_

If negative:  
Re-swab after at least 7 days

**Positive**  
Manage as a case

Specimen\* #2

Date: \_\_\_\_\_

If negative:  
Re-swab after at least 7 days

**Positive**  
Manage as a case

Specimen\* #3

One specimen must be taken 21 days after last exposure

Date: \_\_\_\_\_

After 3 sets of negative cultures collected one week apart

### Discontinue Contact Precautions

for residents with risk factors or contacts when screening is complete; if not feasible, discontinue precautions if negative at least 7 days after last exposure, but continue screening until complete.

### \*Specimens

- Stool OR Rectal Swab .
- If clinically indicated:
  - Urine
  - Wounds
- Consult with your lab for more information about test kits and sample submissions.

### Environmental Cleaning<sup>4</sup>

- Routine cleaning & disinfection.
- Dedicated equipment (preferred), if not possible clean & disinfect between residents.
- Pay attention to cleaning and disinfecting sinks and drains.
- Consider enhanced sink & shower cleaning on a regular basis<sup>5</sup>, (twice weekly), and at the time of discharge or transfer.
- Consider testing sink and shower drains for CPE<sup>5</sup> at the time of resident discharge or transfer.

#### References:

1. PIDAC: [Routine Practices and Additional Precautions Annex A: Screening, testing and Surveillance for antibiotic-resistant organisms \(AROs\). Annexed to: Routine Practices and Additional Precautions in All Health Care Settings](#), 2013
2. Public Health Ontario: [Antibiotic Resistant Organism \(ARO\) Risk Factor-Based Screening Guidance for All Health Care Settings Screening Checklists](#), 2024
3. Public Health Ontario: [Carbapenemase Producing Enterobacteriaceae \(CPE\)](#)
4. Public Health Ontario: [FAQ Significant Organisms in Environmental Cleaning](#), 2024
5. IPAC Canada: [POSITION STATEMENT Carbapenemase-Producing Enterobacteriales \(formerly Enterobacteriaceae\) \(CPE\): Follow Up Testing and Drain Management](#), 2025