

Carbapenemase-Producing Organisms (CPO) ICP Role and Responsibilities

1. Suspect CPO Case

- Contact of a known CPO patient **and/or** waiting for laboratory CPO confirmation
- Healthcare outside of Canada within the last 12 months

Initiate Contact Precautions and Transmission-based Precautions as required. If low-risk contact (i.e. contact with a known CPO) and not on transmission-based precautions may isolate in multi-bed room.

Ensure CPO screening done according to the [Admission Screening Tool](#).

Repeat screening:

- If contact with a known CPO patient, refer to [Ring Screening protocol](#).
- All other suspect cases – frontline staff to initiate screening on admission to VCH facility per the [Admission Screening Tool](#).
- ICP to initiate repeat screening at 7 and 21 days.
- After the first negative screen the need for [Contact Precautions](#) and a single room should be reviewed with the Medical Microbiologist on call for Infection Control.

Dedicate and limit equipment in patient room until discharge.

Ensure unit is aware of management of possible CPO:

- Meticulous hand hygiene
- Correct use of personal protective equipment
- Declutter & keep supplies, linen, etc. to a minimum
- Avoid bed moves on unit

2. Confirmed CPO identified on admission

Place patient into a private room with dedicated washroom.

Communicate with affected unit leadership.

Implement IC recommendations identified above for 'Suspect CPO Case'.



Implement Ring Screening Protocol and enter/track results on CPO spreadsheet.
Submit Enhanced Cleaning Request Form to Environmental Services (EVS)
Provide CPO education to staff: <ul style="list-style-type: none"> • Difference between ‘colonization and ‘infection’ • Infection Control measures to prevent transmission • Provide information pamphlets to staff (acute and LTC), patients and family.
Communicate with ICPs at other health authorities as necessary.
3. Confirmed CPO identified after admission (e.g., clinical specimen, contact screen)
Follow Steps 1 & 2 above.
Consult Medical Microbiologist regarding the extent of ‘ring screening’ and ‘enhanced cleaning and disinfection’ on the unit.
4. Discontinuing Precautions for negative screen
Notify Unit of CPO negative lab result and discontinue Contact Precautions.
Remove Contact Precautions flag from electronic chart.
Submit Discontinuation of Enhanced Cleaning Form to EVS

