

MDRO Containment:

What are my immediate action plan if a CP-CRE or another CPO is suspected or identified at my facility?

Initial response measures are intended to facilitate prompt implementation of appropriate infection prevention and control (IPC) measures (e.g., Contact Precautions if not already implemented for another indication) for the index patient, at the facility where they are currently admitted, to prevent transmission.

- Upon identification of the organism or mechanism in a laboratory, the laboratory or healthcare facility should promptly notify the patient's primary healthcare provider, healthcare personnel caring for the patient, infection control department, and other healthcare staff per facility policies. Generally, local and state public health departments should also be notified.
- If the index patient is currently admitted to a healthcare facility:
 - Health departments and healthcare facilities should ensure implementation of appropriate IPC measures (e.g., Contact Precautions), which may vary depending on the healthcare setting, and adequate supplies to implement these measures.
 - Prioritize the facility for a rapid IPC assessment to identify and address any potential gaps in IPC measures.
- Notify the patient and family about the results and IPC measures.
- If the MDRO was present on admission, notification of the transferring facility should occur so appropriate review can occur at that facility.

For additional information visit [MDRO Containment Strategy](#).

How do I isolate the patient?

CPO's are Tier 2 organisms in Nebraska. Please review [Multidrug-Resistant Organisms \(MDRO\) Tiers for Nebraska](#) for recommendations on the type of isolation to use for your facility/setting type.

What type of signage is available for Transmission Based Precautions?

Signage is available from the CDC at [Transmission-Based Precautions](#).

What cleaning agent should I recommend to our environmental cleaning team?

- Evaluate that your disinfectant is effective against identified carbapenemase-producing organism.
 - Follow all manufacturer's directions for use of surface disinfectants and apply the product for the correct contact time.
- Perform **thorough cleaning and disinfection** of patients' rooms and other areas where patients receive care (e.g., radiology, physical therapy) using an appropriate disinfectant.
- Clean and disinfect shared or reusable equipment (e.g., ventilators, physical therapy equipment) after each use. Label cleaned and disinfected equipment as such and store it away from dirty equipment.

For additional information visit [Carbapenem-resistant Enterobacteriales \(CRE\) Infection Control](#) and [MDRO Containment Strategy](#).

What other Infection Prevent and Control Measures should be put in place?

- Ensure that an appropriate sign is present on the patient’s door to alert healthcare personnel and visitors of recommended precautions.
- Flag the patient’s record to alert healthcare personnel to institute recommended infection control measures for repeat visits.
- Clearly communicate patient’s CP-CRE status when/if the patient is transferred to another healthcare facility.
- Ensure that adequate supplies (i.e., alcohol-based hand sanitizer, gowns and gloves, and cleaning and disinfection agents) are available to implement and maintain appropriate infection control measures.
- Educate all healthcare personnel about CP-CRE and the need for appropriate precautions.
 - Given the potential for environmental spread of this resistant bacteria, include personnel involved in environmental services, laboratory services, as well as other healthcare personnel without routine direct patient contact.

For additional information visit [Carbapenem-resistant Enterobacteriales \(CRE\) Infection Control](#) and [MDRO Containment Strategy](#).

When can I discontinue transmission-based precautions (TBP)?

TBP for CP-CRE is a life-long recommendation. In general, screening individuals with a history of colonization or infection with a targeted MDRO with the aim of discontinuing transmission-based precautions is not recommended.

For additional information visit [MDRO Containment Strategy](#).

Colonization Screening:

Do I need to start screening?

Please refer to [Summary of Novel MDRO Colonization Screening Guidance for Tier 2 Organisms](#)

For additional information visit [MDRO Containment Strategy](#).

Is admission screening available for CP-CRE screening?

- Yes, admission screening is available by request in collaboration with the DHHS HAI/AR team. Please contact us if interested in admission screening.

How long someone is colonized with CP-CRE?

Patients and residents colonized with a novel or targeted MDRO are intended to remain on Transmission-based precautions for the duration of their stay in a facility.

Because MDRO colonization is typically prolonged and follow-up testing to determine clearance may yield false negatives, CDC does not recommend routine retesting of residents with a history of colonization or infection with a MDRO or discontinuation of Enhanced Barrier Precautions after a subsequent negative test.

For additional information visit [MDRO Containment Strategy](#).

References and Resources:

What resources are available to educate patient and/or their family about CP-CRE?

There are several references available for patient education, including the following:

[Carbapenemase-producing carbapenem-resistant Enterobacterales \(CP-CRE\): Fact Sheet for Patients and Families](#)
[Carbapenem-Resistant Enterobacterales \(CRE\)](#)

How can healthcare facilities request a free friendly assessment of their Infection Prevention and Control (IPC) Program/Practices?

- The Nebraska [Infection Control Assessment and Promotion Program \(ICAP\)](#) , a state-funded initiative (via a CDC grant) based at University of Nebraska Medical Center and Nebraska Medicine, provides support to acute care, long term care, outpatient, dialysis, and dental facilities with their infection control needs. Their experienced Infection Preventionists and Infectious Disease Physicians are available for a free friendly onsite visit to assess IPC program and activities and provide feedback for improvement. They are also available to answer any IPC related questions.
- To request an onsite visit which is also known as Infection Control Assessment and Response (ICAR) visit, please fill out the form available at [ICAR Assessments](#)

Additional References and Resources:

- [Interim Guidance for a Public Health Response to Contain Novel or Targeted Multidrug-resistant Organisms \(MDROs\)](#)
- [Implementation of Personal Protective Equipment \(PPE\) Use in Nursing Homes to Prevent Spread of Multidrug-resistant Organisms \(MDROs\)](#)
- [Frequently Asked Questions \(FAQs\) about Enhanced Barrier Precautions in Nursing Homes](#)