



WISCONSIN DEPARTMENT
of HEALTH SERVICES

QSO-24-08-NH
3.20.24

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June 11, 2024

Enhanced Barrier Precautions (EBP)
and the Long-Term Care Survey
process

Objectives

Discuss regulatory guidance related to Enhanced Barrier Precautions (EBP) and Multidrug Resistant Organisms (MDROs) for Long Term Care surveyors and providers

Review resources available related to EBPs and MDROs

MDROs Impact on Residents and Community

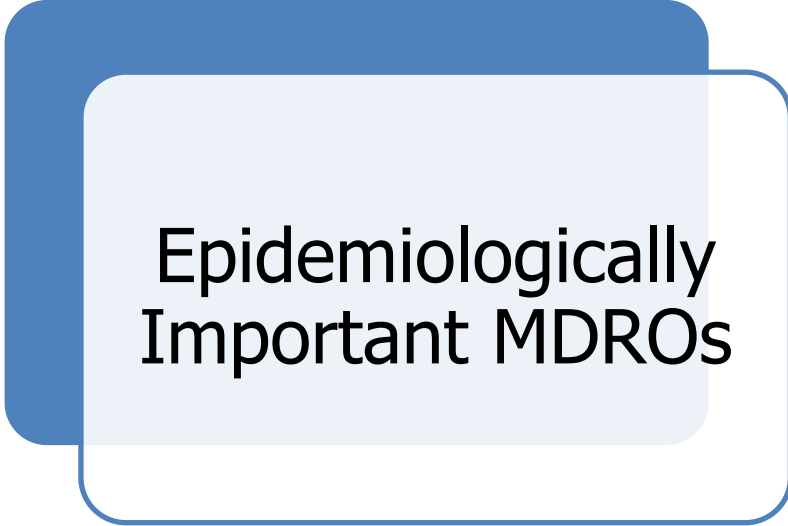
- Antimicrobial resistance is a major public health problem
- Infections caused by MDROs are estimated to cause 35,000 deaths in the US every year²
- Increase medical costs by \$4.6 billion.³

[Controlling Multidrug-Resistant Organisms Across Patient-Sharing Networks | Medical Education and Training | JAMA | JAMA Network](#)

MDRO Categories



CDC Targeted
MDROs



Epidemiologically
Important MDROs

MDRO Categories

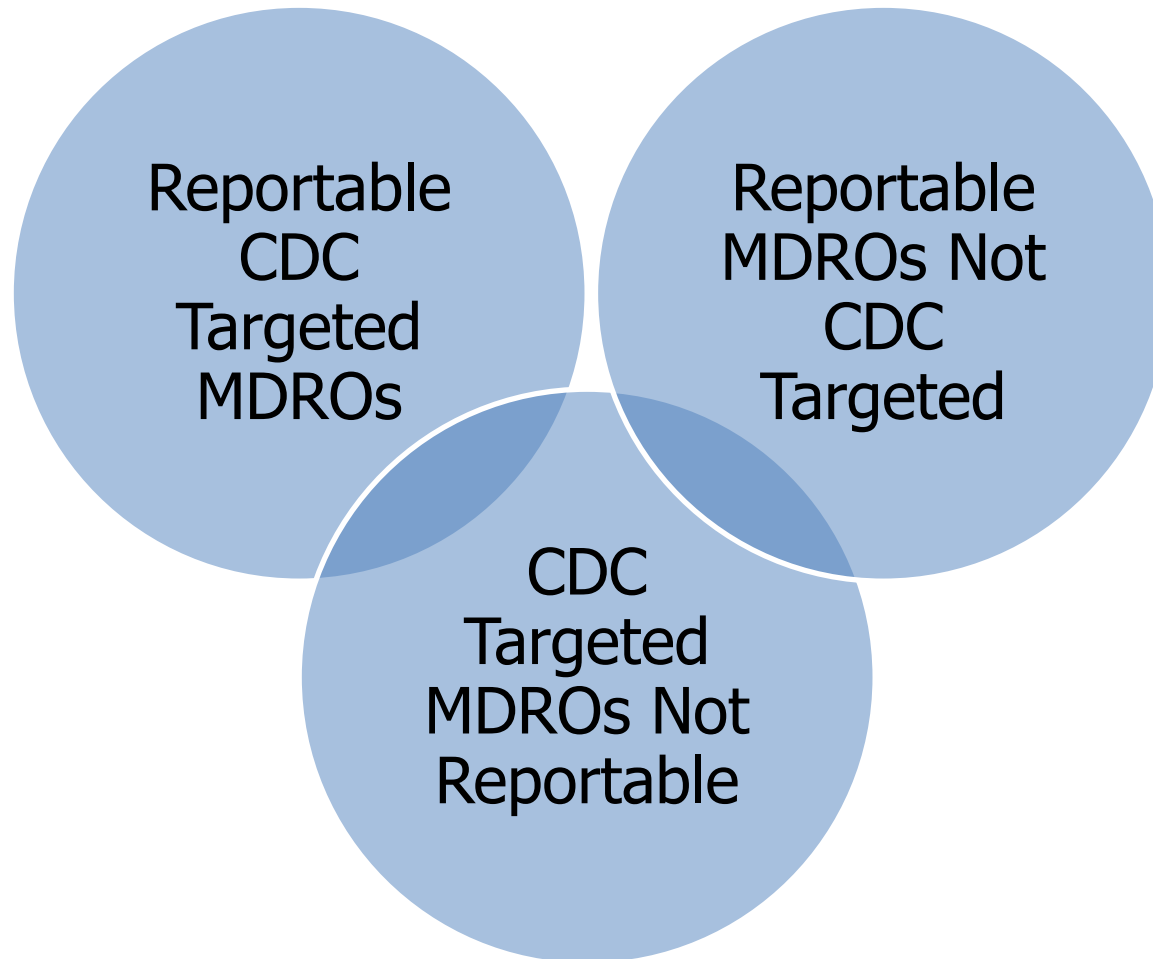
CDC targeted MDROs

- Pan-resistant organisms,
- Carbapenemase-producing carbapenem-resistant Enterobacterales (CP-CRE)
- Carbapenemase-producing carbapenem-resistant *Pseudomonas* spp., (CP-CRPA)
- Carbapenemase-producing carbapenem-resistant *Acinetobacter baumannii* CP-CRAB and
- *Candida auris* (C-auris)

Epidemiologically Important MDROs

- Methicillin-resistant *Staphylococcus aureus* (MRSA),
- ESBL-producing Enterobacterales,
- Vancomycin-resistant *Enterococci* (VRE),
- Multidrug-resistant *Pseudomonas aeruginosa*,
- Drug-resistant *Streptococcus pneumoniae*

Wisconsin Reportable CDC Targeted MDROs



Cases of reportable MDROs in Wisconsin

Reported cases of CP-CRAB, CP-CRE, CP-CRPA, *C. auris*, and VISA in Wisconsin, 2019–2023

MDRO type	2019	2020	2021	2022	2023
CP-CRAB	46	41	153	112	153
CP-CRE	45	30	42	45	37
CP-CRPA	0	2	2	4	3
<i>C. auris</i>	0	0	1	5	21
VISA	3	1	1	2	4

Data source: WEDSS

[Wisconsin DHS Health Alert #58: Increasing Cases of Multidrug-Resistant Organisms in Wisconsin](#)

Colonization vs. Infection



Documented MDRO



Nursing homes



Ventilator-capable LTC Facility

Actual MDRO



Nursing homes



Ventilator-capable LTC Facility

28

About 2 out of 10 residents had known MDRO

14 SNFs (Documented = 17%, Actual = 58%)

4 VSNFs (Documented = 20%, Actual = 76%)

MDRO Risks



Develop

Develop serious infections



Remain

Remain colonized



Spread

Spread MDROs to others

QSO-24-08-NH

DEPARTMENT OF HEALTH & HUMAN SERVICES
Centers for Medicare & Medicaid Services
7500 Security Boulevard, Mail Stop C2-21-16
Baltimore, Maryland 21244-1850



Center for Clinical Standards and Quality/Quality, Safety & Oversight Group

Ref: QSO-24-08-NH

DATE: March 20, 2024
TO: State Survey Agency Directors
FROM: Director, Quality, Safety & Oversight Group (QSOG)
SUBJECT: Enhanced Barrier Precautions in Nursing Homes

Memorandum Summary

- CMS is issuing new guidance for State Survey Agencies and long term care (LTC) facilities on the use of enhanced barrier precautions (EBP) to align with nationally accepted standards.
- EBP recommendations now include use of EBP for residents with chronic wounds or indwelling medical devices during high-contact resident care activities regardless of their multidrug-resistant organism status.
- The new guidance related to EBP is being incorporated into F880 Infection Prevention and Control.

What are EBPs?



Indications for EBP

- Infection or colonization with a CDC-targeted MDRO when Contact Precautions do not otherwise apply; or
- Wounds and/or indwelling medical devices even if the resident is not known to be infected or colonized with an MDRO

High-Contact Resident Care Activities

- Dressing
- Bathing/showering
- Transferring
- Providing hygiene
- Changing linens
- Changing briefs or assisting with toileting
- Device care or use: central line, urinary catheter, feeding tube, tracheostomy/ventilator
- Wound care: any skin opening requiring a dressing

Signs

Poster

Enhanced Barrier Precautions How We Keep Our Residents Safe



What's New

We are using Enhanced Barrier Precautions to help protect our residents from infection. You may notice:

- New signs throughout the facility
- Staff wearing gowns and gloves for high-contact care activities

Why We're Making These Changes

We are taking action to protect our residents from dangerous germs. These germs can cause infections that are hard to treat.

Enhanced Barrier Precautions allow us to provide safe, high quality care and help stop the spread of germs within our facility.

How to Help When You Visit

You can help stop the spread of germs by cleaning your hands with alcohol-based hand sanitizer or soap and water.

Learn more about Enhanced Barrier Precautions:
bit.ly/PPE-NursingHomes



More than
50%
of nursing home residents carry a
multidrug-resistant organism.



CDC EBP Sign



ENHANCED BARRIER PRECAUTIONS



EVERYONE MUST:



Clean their hands, including before entering and when leaving the room.

PROVIDERS AND STAFF MUST ALSO:



Wear gloves and a gown for the following High-Contact Resident Care Activities.

Dressing
Bathing/Showering
Transferring
Changing Linens
Providing Hygiene
Changing briefs or assisting with toileting
Device care or use:

central line, urinary catheter, feeding tube,
tracheostomy

Wound Care: any skin opening requiring a dressing



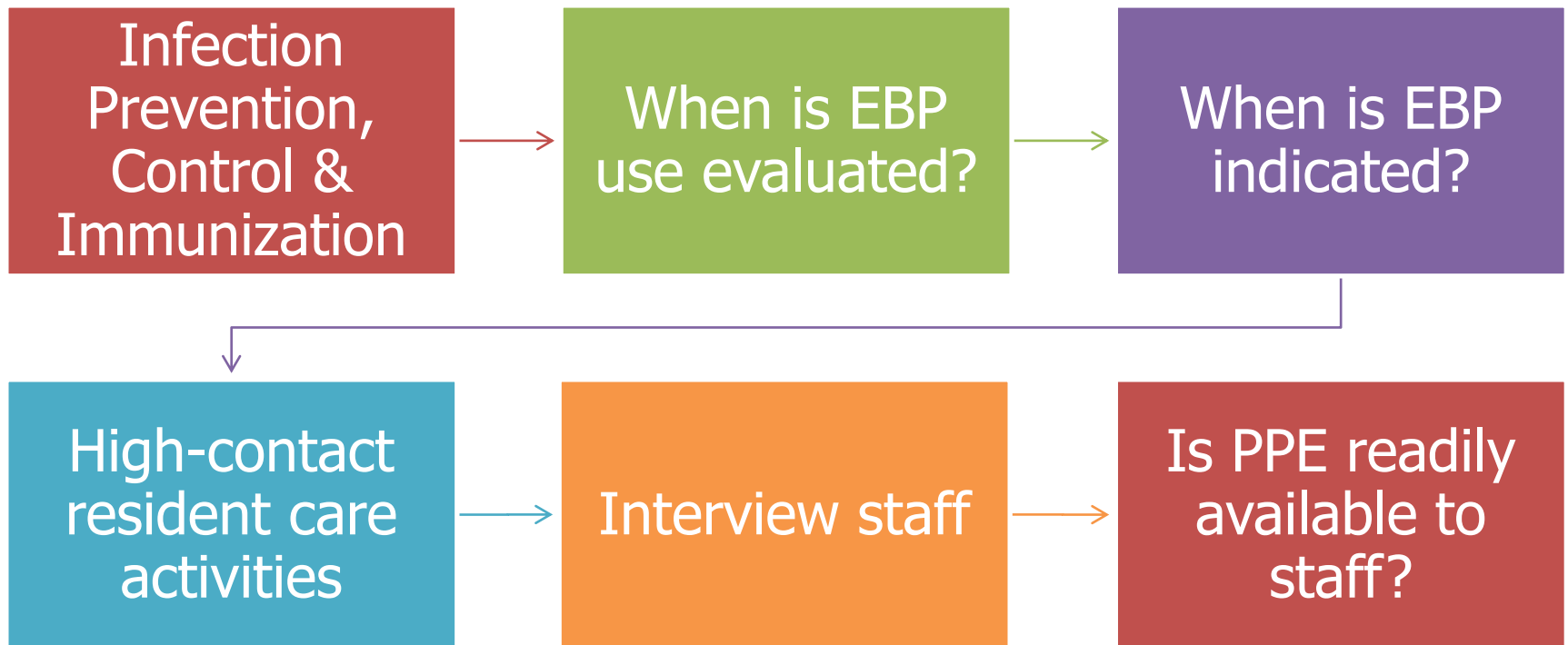
Do not wear the same gown and gloves for the care of more than one person.



U.S. Department of
Health and Human Services
Centers for Disease
Control and Prevention

CDC-2008-001-A

Critical Element Pathway (CEP)



Critical Element Decisions

Infection Control

1. Did the staff **use appropriate infection control practices** (e.g., hand hygiene, use of PPE (personal protective equipment), environmental cleaning and disinfection, and reprocessing of reusable resident medical equipment)?

Urinary Catheter or UTI

2. Did the facility use appropriate **infection control practices, such as hand hygiene and PPE, during urinary catheter maintenance, contact with the catheter, tubing, and collection bag, and/or other high-contact care activities?**

F880 Citation Examples Since April 2024

EBPs and inappropriate
PPE use

EBPs not implemented for
two residents

Not sanitizing lift
inbetween residents.
Residents were on EBP

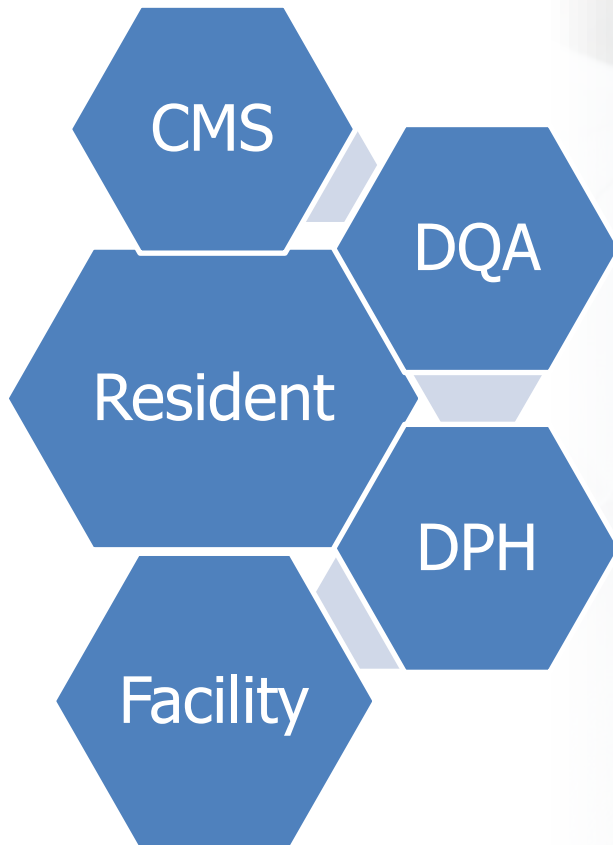
Communication

Communication failures have been identified as a key contributor to the spread of MDROs between facilities in Wisconsin and in other states.

[Inter-Facility Infection Control Transfer Form](#)

Cleaning and Disinfection

Black and White... and Gray?



Frequently Asked Questions

The graphic consists of three overlapping rectangular panels. The leftmost panel is dark blue and contains a light blue letter 'F'. The middle panel is green and contains a white letter 'A'. The rightmost panel is light blue and contains a dark blue letter 'Q'.

F

A

Q

Resources

- [QSO-24-08-NH](#)
- [SOM - Appendix PP](#)
- [Nursing Homes | CMS](#)
- [April 2, 2024 Implementation of Personal Protective Equipment \(PPE\) Use in Nursing Homes to Prevent Spread of Multidrug-resistant Organisms \(MDROs\) | LTCFs | CDC](#)
- [Frequently Asked Questions \(FAQs\) about Enhanced Barrier Precautions in Nursing Homes | LTCFs | CDC](#)
- [Open Door Forum Transcripts | CMS](#)
- [CDC June 2021 Considerations for Use of Enhanced Barrier Precautions in Skilled Nursing Facilities PDF](#)

Resources

- [Wisconsin HAI: Contact Information | Wisconsin Department of Health Services](#)
- [Recommendations for Prevention and Control of Targeted Multidrug-Resistant Organism \(MDRO\) in Wisconsin Nursing Homes November 2023](#)
- [EBP-Presentation-July2022](#)
- [April 2024 MDROs in Wisconsin on Vimeo HAI Program](#)
- [March 2024 Multidrug-Resistant Organisms \(MDROs\) on Vimeo HAI Infection Preventionist Lunch and Learn](#)
- [Reportable Communicable Disease Conditions in Wisconsin](#)

Resources

- [MDRO Prevention and Control | Infection Control | CDC](#)
- [Healthcare-Associated Infections: Reportable Multidrug-Resistant Organisms | Wisconsin Department of Health Services](#)
- [Wisconsin DHS Health Alert #58: Increasing Cases of Multidrug-Resistant Organisms in Wisconsin](#)
- [Appendix D - Linen and laundry management | HAIs | CDC](#)
- [Disinfectant Considerations for Multidrug-Resistant Organisms \(wisconsin.gov\)](#)

Resources

Nursing Homes | CMS



Downloads

[Exhibit 358 - 11.10.2022 \(PDF\)](#)

[Exhibit 359 - 11.10.2022 \(PDF\)](#)

[CMS-802 \(PDF\)](#)

[LTCSP Initial Pool Care Areas \(ZIP\)](#)

[Initial Surveys \(ZIP\)](#)

[LTCSP Interim Revisit Instructions - Updated 08/03/2018 \(PDF\)](#)

[Appendix PP State Operations Manual \(Revised 02/03/2023\) \(PDF\)](#)

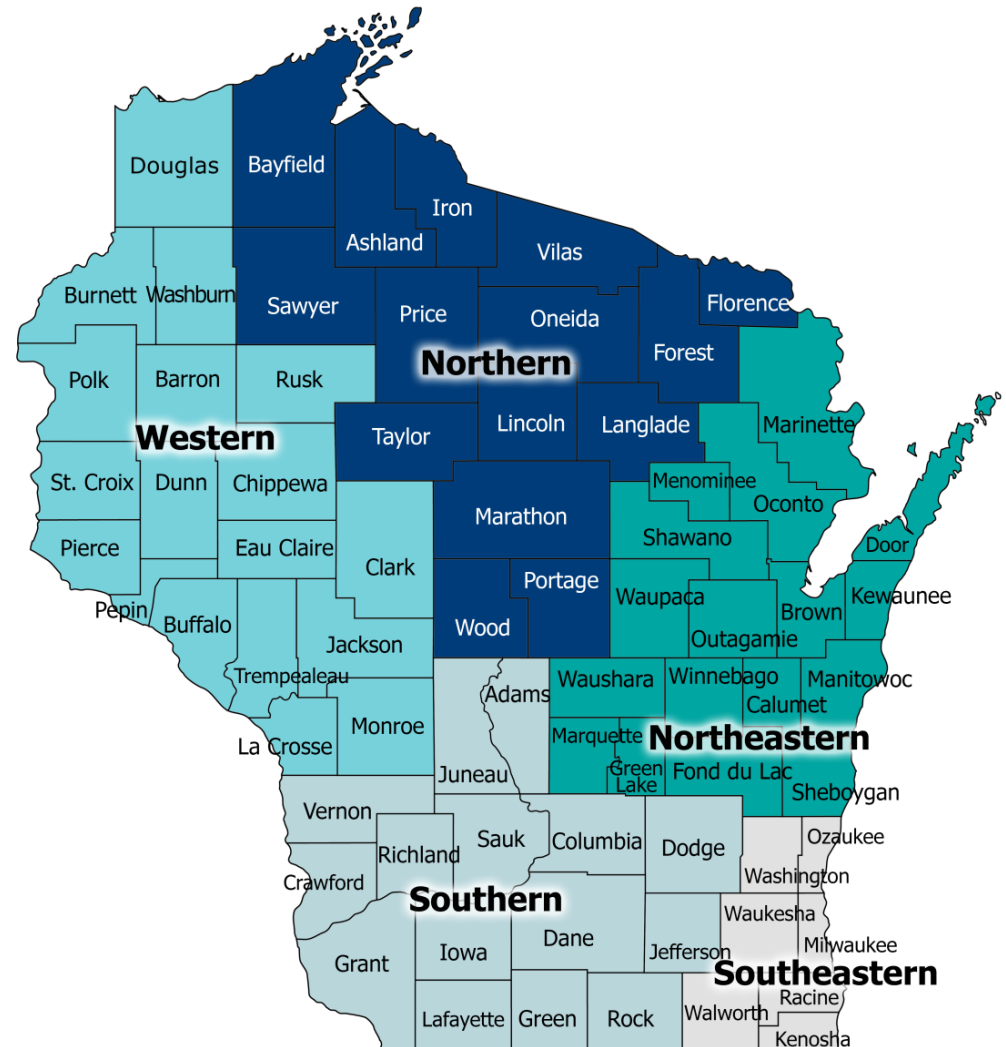
[Revision History for LTC Survey Process Documents and Files Updated 4/1/2024 \(PDF\)](#)

[Survey Resources \(ZIP\)](#)



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Questions?





WISCONSIN DEPARTMENT
of **HEALTH SERVICES**