

Healthcare-Associated Infection Prevention & Multidrug-Resistant Organisms

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Agenda

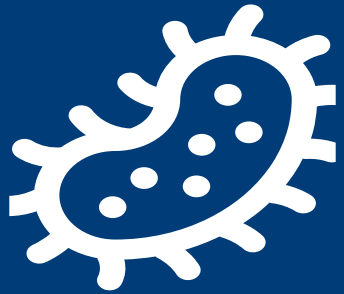
- What are multidrug-resistant organisms (MDROs)?
- How do we prevent and respond?

MDROs

Per the Centers for Disease Control and Prevention (CDC), MDROs are microorganisms, predominantly bacteria, that are resistant to one or more classes of antimicrobial agents.



Antibiotic Resistance in the U.S.



2,868,700 estimated infections



35,900 estimated deaths

Reportable MDROs in Wisconsin



Carbapenemase-producing carbapenem-resistant *Acinetobacter baumannii* (CP-CRAB)



Carbapenemase-producing carbapenem-resistant *Pseudomonas aeruginosa* (CP-CRPA)



Carbapenemase-producing carbapenem-resistant Enterobacteriales (CP-CRE)



Candida auris



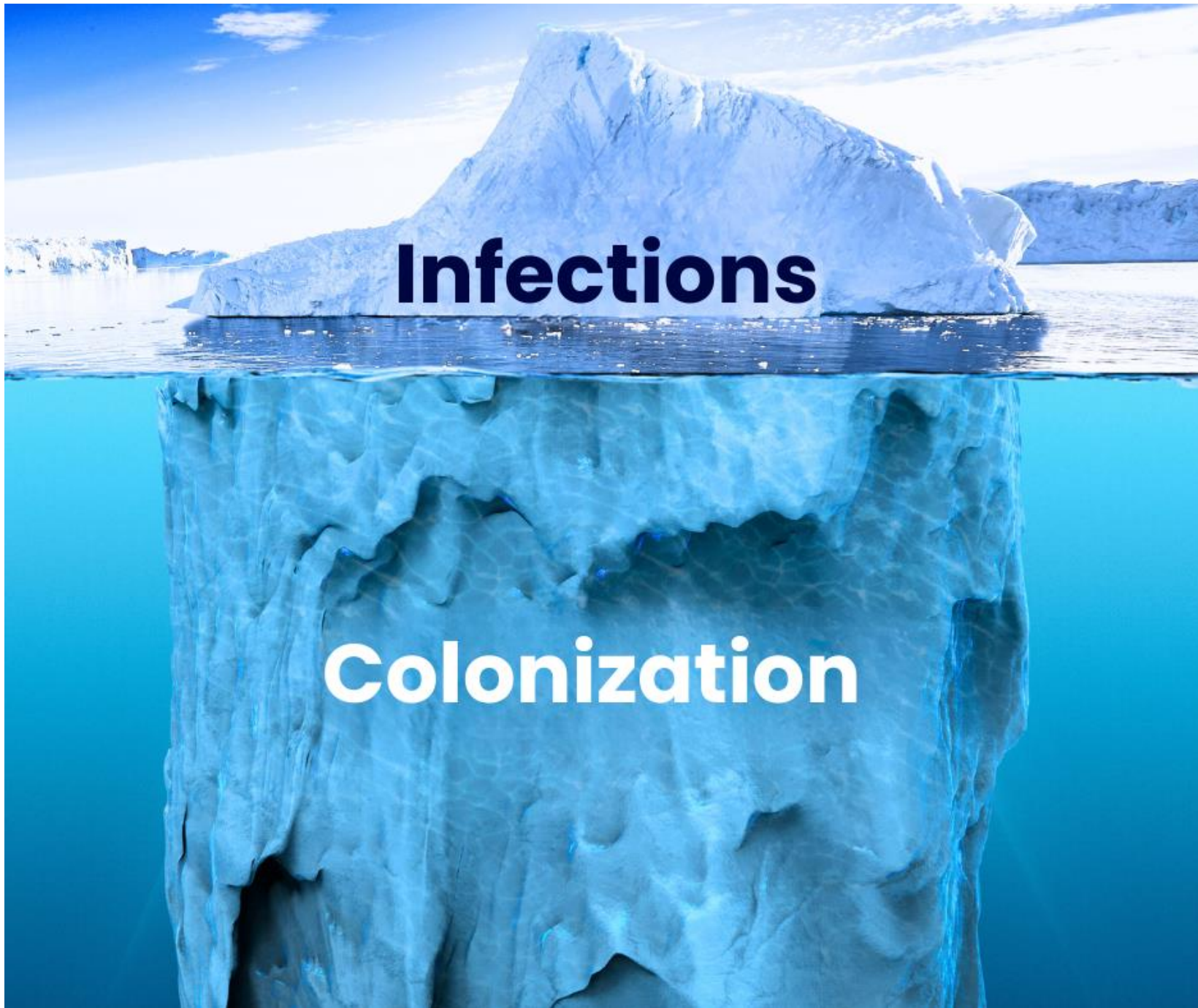
Vancomycin-intermediate *Staphylococcus aureus* (VISA) and Vancomycin-resistant *Staphylococcus aureus* (VRSA)

MDRO Cases in Wisconsin

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

Colonization vs. Infection





Patients and residents who have a reportable MDRO can:

Develop
serious
infections

Remain
colonized

Spread
MDROs to
others

How to Be Successful



Hand
hygiene



Cleaning
and
disinfection



Appropriate
precautions



Teach
and
observe



Communication



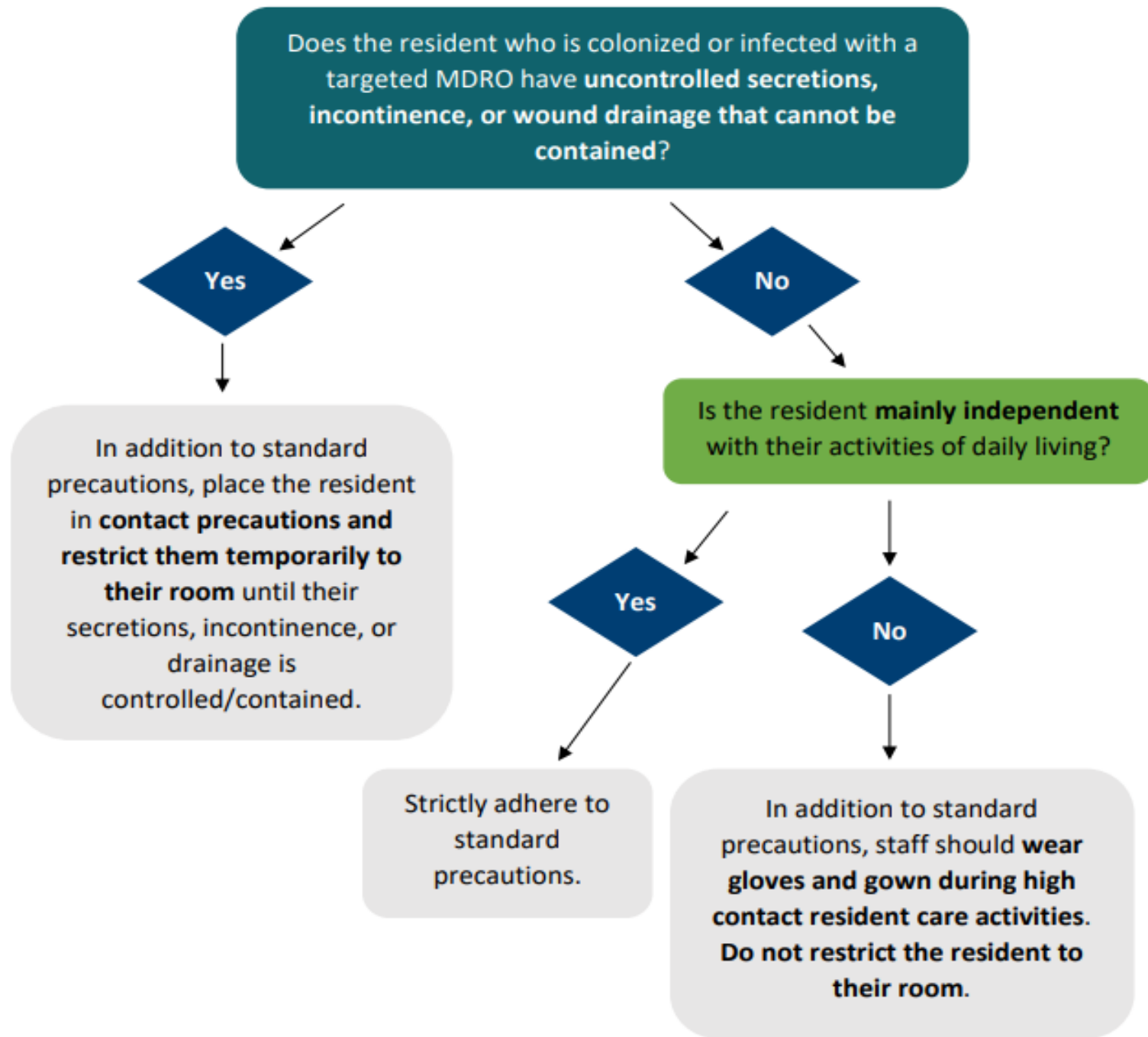
MDRO Guidance for Assisted Living Facilities



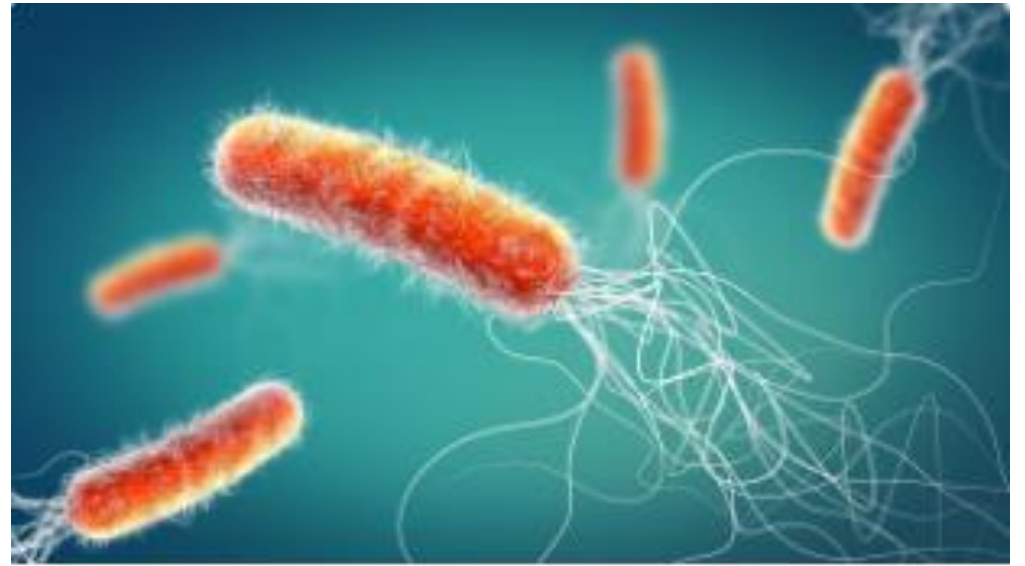
Recommendations for Prevention and Control of Targeted Multidrug-Resistant Organisms

For Assisted Living Facilities

Healthcare-Associated Infections (HAI) Prevention Program,
Division of Public Health, Department of Health Services



[DHS: Healthcare-Associated Infections: Reportable Multidrug-Resistant Organisms Webpage](#)



Reportable Multidrug-Resistant Organisms

Learn about multidrug-resistant organisms and reporting requirements.

[**Learn about multidrug-resistant organisms.**](#)

Questions?

Thank you!



**MDRO
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