

Multi-Drug Resistant Organisms of Interest in Maine

(Healthcare facilities should have plans to prevent transmission)

Common MDROs

Resistant levels vary. Treatment option likely still exist. Resistance is typically developed over time, after exposure to select antibiotic.

MRSA Methicillin *Staphylococcus aureus*

ESBL Extended Spectrum Beta Lactamase

VRE Vancomycin Resistant Enterococcus

CRO Carbapenem Resistant Organisms

- CRE: Carbapenem resistance Enterobacterales
- CRPA: Carbapenem resistance *Pseudomonas aeruginosa*
- CRAB: Carbapenem resistance *Acinetobacter baumannii*

Public Health Threats

Highly resistant. Treatment options limited. Resistance mechanisms may be passed directly from one microbe to another.

VRSA Vancomycin-resistant *Staphylococcus aureus*

PDR Pan-drug Resistant Organisms

CA *Candida auris*

- from any body site

CPOs Carbapenemase-producing Organisms

- from any body site,
- any resistance mechanism (KPC, NDM, OXA, VIM, IMP, etc)
- CPOs include:
 - CP-CRE: Carbapenemase-producing carbapenem resistance Enterobacterales
 - CP-CRPA Carbapenemase-producing carbapenem resistance *Pseudomonas aeruginosa*
 - CP-CRAB: Carbapenemase-producing carbapenem resistance *Acinetobacter baumannii*