

OCHCA Communicable Disease Control Division (CDCD) Multi-Drug Resistant Organism (MDRO) Tier List and Guidance

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Tier	Tier Description	List of MDROs	HCA Procedure	Transmission-Based Precautions Guidance**
Tier 1	Pathogens/resistance mechanisms that are never or very rarely detected in Orange County.	<ul style="list-style-type: none"> Novel organism or resistance mechanism Carbapenemase-producing (CP) CRE that is NOT KPC-producing CP-CRAB that is NOT OXA-23-producing CP-CRPA Pan-non-susceptible or Pan-resistant CP-CRE or CP-CRPA 	A thorough public health investigation that entails more extensive epidemiologic information gathering, assessment for transmission, as well as requests for medical records for further review and isolates* to be submitted to OC PHL for additional testing.	<p>Long-Term and Short-Stay Acute Care Hospitals: Contact Precautions</p> <p>Ventilated and Non-Ventilated Skilled Nursing Facilities: Enhanced Standard Precautions***</p>
Tier 2	Pathogens/resistance mechanisms commonly detected in Orange County but are still of public health concern.	<ul style="list-style-type: none"> <i>C. auris</i> Pan-non-susceptible or Pan-resistant CRAB OXA-23 	<p>A standard public health investigation that entails epidemiologic information gathering and assessment for transmission.</p> <p>Isolates are requested to be submitted to OC PHL for additional testing for non- axilla/groin/nares positive <i>C. auris</i> specimens.* Isolates are also requested if the Pan-non-susceptible or Pan-resistant CRAB OXA-23 was found in a non-public health lab.</p>	<p>Long-Term and Short-Stay Acute Care Hospitals: Contact Precautions</p> <p>Ventilated and Non-Ventilated Skilled Nursing Facilities: Enhanced Standard Precautions***</p>
Tier 3	Pathogens/resistance mechanisms regularly detected/ endemic in Orange County.	<ul style="list-style-type: none"> CRE producing KPC CRAB producing OXA-23 Carbapenem resistant organisms (CROs) without carbapenemase gene detected or tested (including CRE, CRAB, CRPA) MRSA ESBL-producing organisms VRE 	<p>Only unusual increase in cases or detected clusters would prompt a standard public health investigation for each individual case involved in the unusual finding (see Tier 2).</p> <p>Isolates are requested to be submitted to OC PHL for additional testing for CREs/CRABs/CRPAs.* Results of additional testing for CREs/CRABs/CRPAs will determine if MDRO is escalated to Tier 1 or 2.</p> <p>Isolate submission for all other MDRO's on this list are not needed.</p>	<p>Long-Term and Short-Stay Acute Care Hospitals: Contact Precautions</p> <p>Ventilated and Non-Ventilated Skilled Nursing Facilities:</p> <ul style="list-style-type: none"> For KPC-CRE, CRAB OXA-23, and all other CROs: Enhanced Standard Precautions*** For MRSA, VRE, ESBL: Enhanced Standard Precautions*** if there are signs of transmission or lines, tubes, and unhealed wounds

*Contact HCA for technical isolate submission logistics and criteria.

** Guidance for transmission based-precautions may differ for new emerging pathogens.

*** In an event of ongoing transmission, Contact Precautions may be recommended.