Shared
Healthcare
Intervention to
Eliminate
Life-threatening
Dissemination of MDROs in
Orange County

SHIELD Orange County – *Together We Can Make a Difference!*

What is SHIELD Orange County?

SHIELD OC is a public health collaborative initiated by the Centers for Disease Control and Prevention (CDC) to combat the spread of endemic and emerging multi-drug resistant organisms (MDROs) across healthcare facilities in Orange County. This effort is supported by the California Department of Public Health (CDPH) and the Orange County Health Care Agency (OCHCA). This regional collaborative will implement a decolonization strategy to reduce transmission of MDROs both countywide and within healthcare facilities.

SHIELD OC Goals:
➢ Reduce MDRO carriage
➢ Reduce countywide MDRO clinical cultures
➢ Assess impact in participants and non-participants

> *Visit our CDC webpage here!*
> https://www.cdc.gov/hai/research/cdc-mdro-project.html

 SHIELD OC is coordinated by the University of California Irvine and LA BioMed at Harbor-UCLA.

Who is participating?

38 healthcare facilities are participating in SHIELD OC. These facilities were invited to participate based on their inter-connectedness by patient sharing statistics. In total, participants include 17 hospitals, 3 long-term acute care hospitals (LTACHs), and 18 nursing homes.

What is the decolonization intervention?

In the SHIELD OC collaborative, decolonization refers to the use of topical products to reduce bacteria on the body that can produce harmful infections.

- **Hospitals (for adult patients on contact precautions)**
    - o Chlorhexidine (CHG) antiseptic soap for daily bathing or showering
    - o Nasal decolonization with 10% povidone-iodine
    - o Continue CHG bathing for adult patients in ICU units
- **Nursing homes and LTACHs**
    - o Chlorhexidine (CHG) antiseptic soap for routine bathing and showering
    - o Nasal decolonization with 10% povidone-iodine on admission and every other week

All treatments used for decolonization are topical and their safety profile is excellent.

With questions, please contact the SHIELD OC Coordinating Team
(949) 824-7806 or SHIELDOrangeCounty@gmail.com