

# A Novel Environmental Hygiene Intervention to Address CRE in High-Risk Patient Units



Webinar Presenter:  
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## OVERVIEW

As hospitals globally combat the risk posed by multidrug-resistant organisms (MDRO), enhanced environmental hygiene can be a valuable addition to a comprehensive Infection Prevention bundle. In this educational webinar, Dr. Warren Lowman, Clinical Microbiologist & Infection Prevention and Control Specialist, Wits Donald Gordon Medical Centre (WDGMC) in Johannesburg, South Africa, shares his Team's successful novel environmental hygiene intervention, including the implementation of UV-C room decontamination technology in five high-risk patient units (including critical care, oncology, transplant and gastrointestinal surgery rooms), to address Carbapenem-resistant Enterobacterales (CRE).

Dr. Lowman will review a thorough summary of his Team's initiative, including study design, protocols, keys to implementation and close collaboration with Facility administration. The WDGMC Team's 26-month study was published in the March 2022 issue of [\*The Journal of Hospital Infection\*](#).

## OBJECTIVES

After completing this educational webinar, the healthcare practitioner should be able to:

1. Describe core elements of clinical study design, as utilized in a peer-reviewed, published intervention
2. Assess key factors to successfully implement UV room disinfection in their own facility
3. Review best practices to collaborate closely with Facility administration on a comprehensive and novel environmental hygiene intervention

