

Impact of Antimicrobial Resistance on the Health Care System and Patients

Today's environmental services professionals are caring for an environment for a far more acutely ill patient than ever before, and some of these acutely ill patients may be infected with antibiotic resistant bacteria. These bacteria are resistant to the

Delhi Metallo-beta-lactamase). KPC and NDM are enzymes that break down carbapenems and make them ineffective. Both of these enzymes, as well as the enzyme VIM (Verona Integron-Mediated Metallo-lactamase) have also been reported in Pseudomonas. CRE has been the subject of news stories and outbreak investigations recently in the state of California due to an outbreak associated with duodenoscopes. Many CRE bacteria within the microbial class have been pan resistant to all known antibiotics, and others are quickly on a similar path for developing resistance. It is esti-