
Abstract:

Infection is a common complication in patients carrying central venous catheter (CVC) and it is associated with increased morbidity and mortality. Leclercia adecarboxylata (La) is an unusual but emerging pathogen in healthy and immunocompromised patients. We report a case of La bacteremia in a patient with hemodialysis tunneled CVC. In accordance with the susceptibility to the tested antimicrobials, a long-course treatment with endovenous gentamicin plus amoxicillin-clavulanic acid and gentamicin lock-therapy was adopted. Patient had a full recovery and catheter was not removed. We also performed a systematic Pub Med/Medline and Scopus review of peer-reviewed English papers on La infections, focusing on the bacteremia in patients with different type of central venous catheters. Moreover, we suggest our treatment algorithm, in order to preserve the patient and the CVC.