

عنوان مقاله:

Antibiotic resistance in clinical isolates of Acinetobacter Baumanni in Tabriz hospitals

محل انتشار:

بیستمین کنگره بین المللی میکروب شناسی ایران (سال: 1398)

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خلاصه مقاله:

Introduction and Objectives: Acinetobacter baumannii due to high propensity of biofilms formation and high frequently of multi-drugs resistant (MDR) is an important microorganism causes nosocomial infections. The aim of this study was investigation of antibiotic resistance patterns in clinical isolates of A. baumannii. **Materials and Methods:** One hundred A. baumannii isolates were collected from three University affiliated hospitals in Tabriz, Iran during 2015-2016. The antibiotic resistance patterns were evaluated by the disk diffusion method. **Results:** Eighty-eight A. baumannii isolates were MDR and have high resistant to cefepime, third generation cephalosporins, imipenem (92%), ciprofloxacin(92%), cotrimoxazole(75%), amikacin(60%), meropenem(52%), and gentamicin(51%). Resistance to colistin (4%) was observed in 4 isolates. **Conclusion:** The results of this study indicate that high levels of drug resistance of clinical isolates of A. baumannii. These results highlight the need to draw up detailed plans for the control of infectious diseases caused by A. baumannii in our hospitals.

کلمات کلیدی:

Acinetobacter baumannii, antibiotic resistance

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