عنوان فارسی مقاله:
مقاومت آنتی بیوتیک و فراوانی، از مجموع طبقاتی میان Integrons پسودوموناس آئروژینوزا جدا شده از بیماران مبتلا به سوختگی در گیلان، ایران

عنوان انگلیسی مقاله:
Antibiotic resistance and frequency of class 1 integrons among Pseudomonas aeruginosa, isolated from burn patients in Guilan, Iran

توجه!
این فایل تنها قسمتی از ترجمه میباشد. برای تهیه مقاله ترجمه شده کامل با فرمت ورد (قابل ویرایش) همراه با نسخه انگلیسی مقاله، اینجا کلیک نمایید.
**DISCUSSION**

*P. aeruginosa* still remains an important opportunistic cause of nosocomial infection and has developed resistance to various antimicrobial agents in burn centers (1, 5). This study was carried out for the first time at a single referral burn center in the Guilan province. The results of this study showed that 86 (47%) isolates contained *P. aeruginosa* that is in agreement with the results of previous studies (13, 14). The results of some studies demonstrated a higher frequency of *P. aeruginosa* among the patients with burn infections especially in many developing countries such as India 59% (15), Turkey 57% (16) and Pakistan 54.4% (17). In Iran, the highest frequency rate was reported as 73% and 70.5% in two old referral burn centers in Tehran, Iran (18, 19). In another study, however, a lower frequency rate of *P. aeruginosa* was reported from a burn hospital in Ahvaz, Iran (20). Resistance to antimicrobial agents is the main problem among *P. aeruginosa* strains isolated from wound infections in burn centers. Many studies have shown that *P. aeruginosa*, particularly the multi-drug resistant strains, are widespread among Iranian hospitals (3, 8).