

Vancomycin Using Indications in Imam Khomeini Hospital (Ardabil)

Review:

Introduction: Undoubtedly progress of treat infectious diseases owes discovery of antibiotics, but these weapons of human life gradually extreme by taking her extreme using creates problems, which create resistant varieties organism is one of them. Among the various antibiotics that produced vancomycin have a special place, but unfortunately with excessive using of vancomycin there are expectancy that we lose this antibiotic, in some cases this effective and unique antibiotic are only rare weapons remains effective against some pathogenic species, in this research has been trying discussed this problem and understand the medical community this potential risk.

Methods: During the six months, all patients admitted in the hospital wards of Imam Khomeini, who had received vancomycin for any reason, with daily visits to these sectors are identified, the cause of starting this antibiotic and other parameters involved in this dissertation extracted, classified and analyzed.

Results: Of the 101 patients surveyed, most prescribed, to non-infectious specialists and lowest number, were related to infectious disease specialists, only for 39 patients (% 38.6), culture was requested and 12 cases (% 11.9) of this 39 cases answers were positive.

Of the 101 patients studied 26 patients (% 25.7) without any indication have received vancomycin during their hospitalization, from 27 patients who were negative culture, for 4 patients, despite negative cultures and lack of answers indicated to prescribe vancomycin has continued.

Conclusion: The results show that vancomycin usage in many occasion is aberrant and that make resistance to this drug would raise.

Key words: vancomycin - admitted patient – extreme using