

ABSTRACT

PROFIL PERESEPAN ANTIBIOTIK PADA PASIEN DEWASA

Lana Millata Haniva

According to the Ministry of Health of the Republic of Indonesia, antibiotic use in Indonesia is 40-62% , and around 27-35% of antibiotic use in East Java is not used appropriately. WHO data shows that the death rate due to resistant bacteria is 10 million people per year worldwide and various studies have also found that antibiotics are used inappropriately for diseases that do not actually require antibiotics. Sampling in this study used a total sampling technique, where the number of data samples taken was less than 100 samples at the Apotek Haniva. The samples used in this study were all prescriptions for antibiotics for the period January 2023 - April 2023 in adult patients at the Apotek Haniva meets the research criteria. The research results obtained at the Apotek Haniva, the patients who used the most antibiotics were male patients with an age range of 18-32. The results of the percentage of antibiotic prescriptions that were frequently used in the penicillin group were amoxicillin in 14 patients (58%), while the cephalosporin group was cefadroxil in 11 patients (50%) and cefixime in 11 patients (50%), the macrolide group was clindamycin in 8 patients (100%), group quinolones were ciprofloxacin in 2 patients (50%) and levofloxacin in 2 patients (50%), chloramphenicol group was chloramphenicol in 1 patient (100%). Suggestions that can be given are that the pharmacist at the Apotek Haniva should be able to provide information on the correct use of antibiotics to patients so that antibiotic therapy is achieved and can prevent resistance, as well as improve the quality of service at the Apotek Haniva by providing additional information and education regarding the use and side effects of antibiotics.

Keyword : antibiotics, prescription, resistance