

ABSTRACT

PRESCRIBING PROFILE OF AZITROMYCIN AND CEFIXIME ANTIBIOTIC IN PATIENTS WITH ACUTE RESPIRATORY INFECTION AT AROFA PAMEKASAN PHARMACY FROM JANUARI TO FEBRUARY 2024

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Acute Respiratory Infection (ARI) is an acute inflammation lasting approximately fourteen days caused by microorganisms. The high prevalence of ARI lead to the high demand and use of over the counter medicine and antibiotics. This study was purposed to determine the prescribing profile of the antibiotics azitromycin and cefixime in patients with ARI at the Arofa Pamekasan Pharmacy from January – February 2024. The data was collected from ARI prescriptions in the research periods and analyzed descriptively in percentage. A total of 20 prescriptions were analyzed. The results showed that most of prescriptions were written to male patients. Based on age, the majority of patients have an age range of 20 - 80 years (100%). In terms of prescribing, most azithromycin was prescribed at a dose of 500 mg one time a day (75%). Meanwhile, most cefixime was prescribed at a dose of 100 mg 2 times a day (25%). The use of antibiotics must be done wisely because they can cause genetic changes (mutations) in bacteria resulting in loss of effectiveness of antibiotics and providing education to the public about antibiotics can reduce the risk of unwise use of antibiotics.

Keywords : Acute respiratory infection, Azitromicin, Cefixime