

## **ABSTRACT**

### **PRESCRIBING ANTIBIOTICS AT K24 PAMEKASAN PHARMACY**

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*Antibiotics are compounds used to prevent and treat a bacterial infection. Bacterial infection occurs when bacteria are able to cross the mucous or skin barrier and penetrate body tissues. The aim of this study is to find out the profile of antibiotic prescriptions in the K24 Enhancement Pharmacy and to know the percentage of antibiotics prescripts based on antibiotic groups, doses, frequency and duration of drug administration, gender and age. This research is a quantitative descriptive research, which is the research that is carried out with data collection as a prescription in the K24 Pharmacy of Enhancement. The population in this study is all the prescriptions that entered the pharmacy K-24 enrichment in the month of February-April 2024 as much as 50 prescription. The most widely prescribed drug group for pharmacy patients K24 Enhancement for the period of February 2024 is a penicillin of 43.18% consisting of amoxsan, claneksi syr, Claneksi forte syr, and zibramax syr. The most commonly used is 3DD5ML with a four-day long duration of administration for 18 patients of 40.91%. Patients with female sex of 52.27% were the most frequently prescribed patients by sex. Patients from the age range 0 < 5 years or young age group were patients with the most prescription antibiotics of 36%.*

**Keywords : Antibiotics, Prescribing antibiotics, Resistence, Patients**