

ABSTRACT

THE PROFILE OF A RECIPED ANTIBIOTIC ON PATIENT RESPIRATION CANAL ACCUTE INFECTION IN DRUGSTORE X OF SURABAYA DURING THE PERIOD OF JULY – DECEMBER 2021

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Based on the results of the study, the prescribing of antibiotics in patients with respiratory tract infections at Apotek X Surabaya during the period July - December 2021 based on age was aged 5-11 years by 38 people (20, 8%), age 12-16 years by 7 people (3,8% %), age 17-25 years were 49 people (26,8%), age 26-35 years were 68 people (37,1%), and age 36-45 years were 21 people (11,5%). Based on the dosage form, the most drugs for pediatric patients (5-17 years) were syrup with 38 prescriptions (76%), and for adult patients (18-45 years) were capsules with 73 prescriptions (54,9). Based on the rules of use and duration of administration, the most prescribed for pediatric patients (5-7 years) is cefadroxil 125mg/5ml with 27 prescriptions (54%) with the rule of use 2 times per 1 teaspoon with a dose of 6 days of use, and for ages adult patients (18-45 years) was cefadroxil 500 mg as much as 65 prescriptions (48,5%). Based on the class of antibiotics, the most frequently issued were cephalosporins with 110 prescriptions (60,1%). The most common drug names in the cephalosporin classification were cefadroxil with 102 prescriptions (55,7%). The second most widely administered antibiotic was penicillin with 57 prescriptions (31,2%). The most common drug names in the penicillin classification were amoxicillin with 53 prescriptions (29%).

Keywords : respiratory tract infection, age, dosage form, duration of administration and directions for use, class of antibiotics, generic name