

ABSTRACT

PROFILES OF PRESCRIPTION ORAL CORTICOSTEROID DRUGS IN CHILDREN PATIENTS AT KIMIA FARMA X FARMACY IN SURABAYA

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Corticosteroids are a group of steroid hormones produced in the cortex of the adrenal gland which structurally contains a steroid nucleus in response to adrenocorticotrophic hormone (ACTH). Corticosteroids are anti-inflammatory and immunosuppressant which can cause side effects in pediatric patients.

This study aims to obtain a profile or description of oral corticosteroid drug prescriptions in pediatric patients at Kimia Farma in pediatric patients at Kimia Farma X Pharmacy Surabaya and analyzed descriptively. During the research period, a total of 120 prescriptions were obtained using dependent variables consisting of age and gender, the name of the drug, dosage form of the drug and duration of drug administration.

The results of this study show that the characteristics of female patients with an age range of 5-11 years dominate the related prescriptions. The name or type of corticosteroid drug most commonly prescribed in the data obtained was methylprednisolone at 50.83%. The dosage form of corticosteroid drugs most commonly prescribed in the data obtained is the pulveres dosage form. The dosage used and duration of drug administration varies because it is adjusted to the condition and response of the patient's body related to the diagnosis of the prescribing doctor. The use of corticosteroids in children must be done with caution, because long-term use can cause dangerous side effects.

Keywords : *Prescription Profile, Corticosteroids, Children Patient*