

ABSTRACT

PROFILE OF NON-STEROID ANTI-INFLAMMATORY DRUGS (Study case in Apotek Menggala Surabaya)

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Pain is an unpleasant sensory and emotional experience resulting from actual or potential tissue damage or described in terms of damage. The goal of pain management is to relieve uncomfortable pain in patients. For pharmacological therapy, nonsteroidal anti-inflammatory drugs, opiates and muscle relaxants can be used. Currently research related to the use of analgesic drugs focuses on data collection in hospitals prescriptions, but there are still few studies on the use of analgesic drugs in pharmacies without using a doctor's prescription. This research is an observational descriptive study using a descriptive prospective research method by collecting recipes at the Menggala Pharmacy, Surabaya. The population in this study were all prescriptions at the Menggala Pharmacy Surabaya for the period July-December 2022. The determination of the results of this study is then adjusted to the desired assessment parameters. A total of 360 prescriptions have been screened and analyzed, in this study 180 prescriptions for the use of non-steroidal anti-inflammatory drugs were obtained in the period July-December 2022. The results of the prescription analysis were the highest use of anti-inflammatory drugs in the age range of 56-65 years, with female sex 51%. For the use of the most drug class is the selective group 59%, with the generic name Celecoxib 25%. The most trade name is Arcoxia 19%. The highest dose of Celecoxib is using dose 100mg with time to using drugs is 1 tablet once a day has total 26%. The single NSAID has total of 69% with Selective drugs as much as 55%, while for NSAIDs with a combination of 31% with the most groups being Selective Combinations of 70%.

Keyword : *Prescribing Profile, Antiinflamasi Non Steroid Drugs, Celecoxib*