

## **ABSTRACT**

### **MEDICATION ADHERENCE ANTIPILEPSY DRUG USE BASED ON DRUG REFILL ARRIVAL AT THE SPECIALIST POLY OF MITRA KELUARGA WARU HOSPITAL**

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*Epilepsy is a chronic medical disorder or condition, usually consisting of recurrent, unpredictable seizures that affect a variety of mental and physical functions. Due to long-term pharmacotherapy, the doctor gave repeated prescriptions so that they could be redeemed again. The arrival of drug withdrawal (drug refill) is a person's behavior to redeem drugs that are almost finished or have run out according to the prescription given by the doctor to the pharmacy or pharmaceutical installation without having to ask for a new prescription from the doctor. This study aims to determine the level of adherence to the use of antiepileptic drugs based on drug refill arrivals at the Specialist Polyclinic at Mitra Keluarga Waru Hospital, using a retrospective total sampling method. Data collection was taken through patient medical records obtained as many as 97 samples that met the inclusion criteria. The results of drug refill compliance in this study showed that 64 people (65,98%) obeyed and 33 people (34,02%) did not comply. Several factors affect adherence to drug refills, including the distance between the patient's residence and the hospital, the availability of drug stocks that cannot meet prescription needs. As a suggestion, for health workers to be able to provide information, education and motivation to increase adherence in drug refills and it is necessary to carry out further research on compliance factors and the relationship between the level of adherence to the success of epilepsy therapy.*

*Keywords: Epilepsy, Adherence, Drug refill*