

ABSTRACT

PROFILE OF COMPLIANCE WITH DRUGS IN DIABETES MELLITUS PATIENTS USING THE DRUG REMINDER APPLICATION (Study was conducted at the Internal Medicine Clinic at Hasanah Muhammadiyah Islamic Hospital, Mojokerto)

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Diabetes mellitus is a lack of insulin production and availability in the body or insulin function disorders. Lack of insulin is caused by damage to a small part or most of the beta cells of the islets of Langerhans in the pancreas gland which functions to produce insulin. Medication adherence is the patient's compliance with the recommendations for prescribed medications related to time, dose and frequency. This study aims to determine the profile of the level of adherence to taking medication in patients with diabetes mellitus by using a medication reminder application. This research is an experimental research which means systematic, logical, and thorough research. Research and data collection were carried out at the Hasanah Muhammadiyah Mojokerto Islamic Hospital on Jalan Cokroaminoto no 26-28 Mojokerto. 67%) had moderate adherence, and 10 patients (33%) had high adherence. While the data when using the medication reminder application were 1 patient (3.33%) with a low level of adherence, 6 patients (20%) with a moderate level of adherence, and 23 patients (76.67%) with a high level of adherence. From the results of this study, it can be concluded that the use of medication reminder applications greatly affects the profile of the level of adherence to taking medication for outpatients at Hasanah Islamic Hospital, Mojokerto.

Keyword : Diabetes Mellitus, Medication Reminder Application, MGLS