ABSTRACT

COMPLIANCE PROFILE OF DIABETES MELLITUS USE DRUG USING DRUG REMINDER APPLICATIONS IN HOSPITAL
(The study was conducted at Dr. M. Soewandhie Hospital Surabaya)

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Diabetes mellitus is a disease that requires long-term therapy, so patient compliance is required in taking medication and reducing the risk of complications. Compliance is the main thing because following the advice of medical experts is one way to heal patients. The purpose of this study was to determine the compliance of patients with diabetes mellitus in the use of drugs using the Drug Reminder Application. This type of research is observational, analyzed descriptively and taken prospectively. Sampling was carried out using the Slovin formula. Measurement of compliance was measured using the MGLS questionnaire (Morisky, Green, Levine Adherence Scale). The number of samples taken as many as 58 respondents. Compliance with taking medication at RSUD Dr. M. Soewandhie Surabaya for control patients with pre-questionnaire (58.6%) & post-questionnaire results (48.2%) had moderate adherence, for the intervention group the results of pre-questionnaire (48.2%) were high, for post-questionnaire results (55.1%) moderate adherence. Because many patients admit to taking drugs indiscriminately, it can be said that patients with a "moderate adherence" level are more than those with a "high adherence" level and a "low adherence" level.

Keywords: Diabetes Mellitus, Compliance, Drug Reminder Application, MGLS, Pre-Questionnaire, Post-Questionnaire