

ABSTRACT

CHANGES IN COMPLIANCE LEVEL OF HYPERTENSION PATIENTS AFTER USING DRUG REMINDER APPLICATION

(Studies conducted in the Dr. Hospital. M. Soewandhie Surabaya)

Laila Ayu Suci Ningrum

Hypertension is one of the main causes of mortality and morbidity in Indonesia, so the management of this disease is a very common intervention carried out at various levels of health facilities. This study uses a quasi-experimental method with pre and post questionnaire designs. This study was conducted by collecting data prospectively on a total sampling of hypertensive patients to see the level of adherence to hypertension drug use using the Drug Reminder Application. The number of samples taken of many as 58 respondents. Based on the results of the study. Pre-questionnaire results in the control group, patients who had high adherence were 15 (51.7%), moderate adherence was 13 (44.8%), low adherence was 1 (3.44%). For the results of the post-questionnaire in the control group, patients who had high adherence were 7 (24%), moderate adherence was 16 (55%), low adherence was 6 (20.6%). Pre-questionnaire results in the intervention group, patients who had high adherence were 12 (41.3%), moderate adherence was 15 (51.7%), low adherence was 2 (6.89%). For the results of the post-questionnaire in the intervention group, patients who had high adherence were 9 (31%), moderate adherence was 17 (58.6%), low adherence was 3 (10.3%). From the results of the post-questionnaire, it showed that the intervention group patients were more obedient than the control group because the intervention group was given the treatment of installing a Drug Reminder Application so that it was easier to take medicine on time.

Keywords : Hypertension, MGLS, Medication Compliance, Blood pressure, Drug Reminder Application