

ABSTRACT

PROFILE OF DRUG COMPLIANCE RATE IN HYPERTENSION PATIENTS WITH OR WITHOUT DIGITAL APPLICATIONS FOR THE PERIOD OF FEBRUARY – MARCH 2022

(Studies conducted at the Outpatient Tk III Brawjaya Hospital Surabaya)

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Hypertension commonly called silent killer are one of the most influential risk factors for cardiovascular disease, have patients condition blood pressure above normal, precisely where systolic blood pressure is 140 mmHg and diastolic blood pressure is 90 mmHg. The purpose of this study was for determine profiles of the level of adherence to taking medication with or without digital applications at Tk III Brawijaya Hospital Surabaya. The metode called Quasi True Experiment Method which is descriptive observational with prospective data collection using the Morisky Green Levine Medicine Adherence Scale (MGLS) questionnaire during February-April 2022. Results of this study in control group is a moderate level of adherence at The pre-questionnaire was 14 patients (58.3%) and the post-questionnaire was 13 patients (54.2%), with the blood pressure profile in the pre-control group the average blood pressure value was 126/80 mmHg and became post pressure 123/79 mmHg. Then in the intervention group, 18 patients (75%) had moderate adherence to the pre-questionnaire, 14 patients (58.3%) had high adherence post-questionnaire, with a blood pressure profile on the pre-questionnaire. And intervention group on the questionnaire the mean blood pressure value was 129/81 mmHg and became the average blood pressure after 125/80 mmHg.

Keyword : Hypertension, adherence medication, and digital application.