

ABSTRACT

**PROFILE OF DRUG COMPLIANCE RATE IN HYPERTENSION
PATIENTS WITH OR WITHOUT DIGITAL APPLICATION FOR THE
PERIOD OF FEBRUARY - MARCH 2022
(Research study conducted at Mitra Medicare Clinic)**

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Hypertension is blood pressure that is too high, ie when the systolic blood pressure is more than 140 mmHg and the diastolic blood pressure is more than 90 mmHg after repeated examinations. Factors that influence the occurrence of genetic hypertension, obesity, lack of exercise, lack of physical activity, smoking habits, and patterns of intake of foods containing sodium. The purpose of this study was to study research on adherence to hypertension medication at Mitra Medicare Clinic. The data collection method was carried out prospectively from February 2022 to March 2022 with a sample of 48 patients, with an intervention group of 33 patients and a control group of 15 patients. This study uses the Morisky Green Levine Scale (MGLS) questionnaire which has been tested for validity and reliability with a value ($p < 0.05$) and a value (KR-20 0.6612), so each question is declared valid. The results of this study indicate that the level of adherence to taking medication based on the MGLS questionnaire score in hypertensive patients was obtained in the intervention group with a moderate level of adherence to the pre questionnaire as many as 20 patients (60.6%) to a high level of adherence to the post questionnaire in all patients as many as 33 patients (100%). , and the control group obtained a moderate level of adherence to the pre-questionnaire as many as 11 patients (73.3%) to obtain a high level of compliance entirely, namely 15 patients (100%).

Keywords: Adherence, Hypertension, MGLS, Application Digital.