

**PROFILE OF DRUG COMPLIANCE RATE IN HYPERTENSION  
PATIENTS WITH OR WITHOUT DIGITAL APPLICATION FOR THE  
PERIOD OF FEBRUARY – APRIL 2022**

**(Study was conducted at Parahita Deltasari Clinic, Sidoarjo)  
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*Hypertension or what people usually call high blood pressure is an increase in systolic pressure of more than 140 mmHg and diastolic blood pressure of more than 90 mmHg. This study uses a quasi-experimental method, the research method has 2 groups, namely the control group and the intervention group. This research is descriptive observational. Prospective data collection method. The purpose of this study was to determine the level of medication adherence in hypertensive patients with or without digital applications at the Parahita Deltasari Clinic, Sidoarjo for the period February - April 2022. The results of this study are the profile of the level of adherence to taking medication in the control group who did not install a digital medication reminder application and were only given the MGLS questionnaire. %) became post-moderate (score 1-2) totaling 13 patients (54.2%). Profile of the level of adherence to taking medication. The intervention group that had the "Medisafe" medication reminder application installed and given the MGLS questionnaire resulted in the highest level of pre medication adherence, namely low level (score 3-4) totaling 18 patients (75%) to moderate level post ( score 1-2) totaled 14 patients (58.3%).*

**Keywords:** *Hypertension, Compliance, MGLS, Application*