

ABSTRACT

**PROFILE OF DRUGS COMPLIANCE RATE IN HYPERTENSION
PATIENTS WITH COMORBID OF HEART FAILURE WITH OR WITHOUT
DIGITAL APPLICATION IN THE POLYCLINIC HEART OUTPATIENTS
PERIOD FEBRUARY – MARCH 2022
(The Study was Conducted at Mitra Keluarga Waru Hospital)**

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Hypertension According to JNC VII, hypertension is an increase in blood pressure 140/90 mmHg. The purpose of this study was to determine the profile of the level of medication adherence of hypertensive patients with comorbid heart failure with or without digital applications in the outpatient clinic for the period February-March 2022 at Mitra Keluarga Waru Hospital. This study uses a quasi-experimental method that is descriptive observational, prospective during February - March 2022. In this study the sample was divided into 2 groups, namely the control group and the intervention group. The results of the study on the profile of the level of adherence to taking medication based on the MGLS questionnaire score showed that in the control group the pre-score was mostly at the moderate level of adherence as many as 24 patients (100%) then at the time of post the moderate level of adherence was 15 patients (62.5%) and high adherence was as many as 9 patients (37.5%). Meanwhile, in the intervention group, the highest pre-score was a moderate level of adherence as many as 22 patients (91.67%) and high as many as 2 patients (8.33%) then at post it became a high level of adherence as many as 24 patients (100%).

Keywords: *adherence, medication, hypertension, heart failure, blood pressure, MAP*