

ABSTRACT

**PROFILE OF DRUG COMPLIANCE LEVEL
IN CEREBROVASCULAR ACCIDENT (CVA) PATIENTS WITH OR
WITHOUT DIGITAL APPLICATIONS
IN THE OUTPATIENTS INTERNAL POLY
PERIOD FEBRUARY - APRIL 2022
(The Study was Conducted at Mitra Keluarga Waru Hospital)**

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Hypertension is causes of damage to various organs, either directly or indirectly. Hypertension is the main triggering factor for CVA events, either hemorrhagic or ischemic CVA. The purpose of this study was to show the profile of the adherence level of medication in CVA patients with or without digital applications in the outpatient internist polyclinic for the period February – April 2022 at Mitra Keluarga Waru Hospital. In this study, the sample was divided into 2 groups, the control group and the treatment group with the Medisafe medication reminder digital application. For the control group as many as 24 respondents and the intervention group as many as 24 respondents. The results of the study on the level of adherence to medication based on the MGLS questionnaire score showed that in both groups there was an 18 patiens (increase in high adherence 24 patiens (100%). In addition, the results of blood pressure and MAP showed that there was a decrease in the patient's average blood pressure 144/81mmHg to 135/84mmHg and MAP 150mmHg to 146mmHg . Based on this result, it can be concluded that the treatment of the Medisafe medication reminder digital application in this study proved to have an effect on increasing the patient's adherence level and effect on decreasing the average blood pressure and MAP.

Keywords: adherence, CVA, blood pressure, MAP