

ABSTRACT
**THE RELATIONSHIP OF COMPLIANCE WITH MEDICATION WITH
BLOOD PRESSURE STATUS IN PATIENTS WITH CARDIOVASCULAR
DISEASE AT Dr. HOSPITAL. MOHAMMAD ZYN SAMPANG**

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Cardiovascular disease are group of disorders of the heart and blood vessels. The most common cardiovascular diseases include heart attacks, arrhythmias, heart failure and strokes. The aim of this study was to determine the relationship between medication adherence and blood pressure status in patients with cardiovascular diseases. This was a cross sectional study conducted at Dr. Mohammad Zyn Hospital from February to April 2024. A total of 68 patients who visited the hospital during study period were recruited. Patients were asked to fill MGLS questionnaire and were measured for their blood pressure status. The association between patients' medication adherence with their blood pressure status was analyzed using Fisher Exact Test. The results showed that almost half of the respondents had low medication adherence and about 39 (57.4%) patients had uncontrolled blood pressure. In addition, the results of statistical tests obtained a p-value of 0.000 (< 0.05). Therefore, there was an association between medication adherence and the blood pressure status of patients with cardiovascular disease at Dr. Hospital. Mohammad Zyn Sampang. Increasing education is recommended due to the importance of increasing support to patients to increase the level of adherence to their treatment

Keywords: *Blood Pressure, Cardiovascular, Medication Adherence*