

ABSTRACT

**BEHAVIOR FACTORS THAT INFLUENCE TO PATIENT'S
ADHERENCE IN TAKING ANTIHYPERTENSIVE DRUGS
(Study in Puskesmas Pucang Sewu Surabaya)**

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Hypertension is one of chronic disease that often cause mortality in developmen country. Hypertension cause of complication in heart, kidneys, and brain. Adherence in medication taking is needed to control blood pressure and reduce the risk of complications. Adherence is defined as the patient's behavior that matches with recommendations from the prescriber. Behaviour factors was analyzed such as knowledge and attitude (predisposition factors), facilities and health device (enabling factors), the behavior of pharmacy officer (reinforcing factors).

The purpose of this study was to determine the behavior factors that influence to patient's adherence in taking antihypertensive drugs. The method of this study is cross-sectional design. Data was collected from responses the patients that answering questionnaires with nonrandom accidental sampling. The questionnaires must be tested validity and reliability before used for taking data, then the adherence of patients was analyzed by SPSS program.

The result of descriptive analysis was shows the patients had high knowledge (54,2%) and positive attitude (86,1%). The patients appraised facilities and health device were less (54,8%). Behavior of pharmacy officer appraised were less (76,4%). Pasients had high adherence (70,8%) in comsuming antihypertensive drugs. The result of analytical Spearman correlation, patient's attitude had significant influence to patient's adherence (coefficient correlation = 0,701 and sig. 0,000). Facilities and health device also had significant influence to patient's adherence (coefficient correlation = 0,328 and sig. 0,005). Patient's knowledge (coefficient correlation = 0,178 and sig. 0,134) and behavior of pharmacy officer (coefficient correlation = 0,179 and sig. 0,133) hadn't significant influence to patient's adherence.

The conclusion is patient's attitude, facilities and device health had significant influence to patient's adherence in taking antihypertensive drugs. The most influential to patient's adherence in taking antihypertensive drug is attitude of patient.

Keywords: Analysis factor, Patients adherence, Hypertension.