

## **ABSTRACT**

### ***PRESCRIBING ERROR ANALYSIS ON ANTIHYPERTENSIVE DRUG PRESCRIBING AT Q PHARMACY EAST SURABAYA***

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Hypertension or better known as blood pressure is an abnormal increase in blood pressure, both systolic blood pressure and diastolic blood pressure. Under normal circumstances, systolic blood pressure (when the heart checks blood) is less than 140 mmHg and diastolic blood pressure (when the heart is at rest) is less than 85 mmHg. The purpose of this study was to determine the incidence of prescribing errors in prescribing antihypertensive drugs at the Q pharmacy in East Surabaya. This study is a retrospective data study.

Drug interactions based on the severity are divided into 3, namely minor, moderate and major. The results showed as many as 200 anti-prescriptions that were not in accordance with the administration of the patient's address, 100% and gender, 100%, while pharmaceutically they had met. In the results of potential drug interactions, there were 348 interactions at the Q pharmacy in East Surabaya, 68.10% experienced drug interactions and 31.90% did not experience drug interactions. At the level of potential drug interactions that experienced the severity of 237 events. The incidence of drug interactions with moderate severity was 54.85%, major 19.83% and minor 25.32%. This study is retrospective in nature, it is recommended for further research to be carried out prospectively so that real results can be obtained, can follow patient prescriptions and know the factors causing prescribing errors.

**Keyword :** Prescribing error, hypertension, drug interaction