

ABSTRACT

STUDY INTERACTION DRUG ANTIDIABETIC MELITUS

AT THE PHARMACY AIRLANGGA SURABAYA

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Drug interactions can be interpreted as interactions between a drug and other ingredients that prevent the drug from giving the expected effect. The number of respondents obtained was 303 prescriptions that met the inclusion criteria. Patients who received antidiabetic drugs the most oral intake in the age range of 60-69 years as many as 125 (41.25%) of 303 prescriptions. Meanwhile, based on gender, it can be seen that 165 (54.45%) prescriptions were male. It can be seen that 140 prescriptions (46.20%) had drug interactions. The most interacting metformin with amlodipine were 103 (66.45%). The severity of potential drug interactions on the prescription sheet was obtained from the minor severity level of 20 prescriptions (12.90%), while the moderate severity level was 135 prescriptions (87.09%), and the major severity level was 0. Most of them are pharmacodynamics 155 (100%), while pharmacokinetic mechanisms are 0 (0%). Drug prescribing in antidiabetic patients at the Airlangga Pharmacy Pharmacy in Surabaya showed drug interactions. Based on age and gender, the most frequent were at the age of 60-69 years, 125 or 41.25%, while based on gender, the most were men, as many as 165 or 54.45%. The drugs with the most interactions were metformin with amlodipine with 103 or 66.45%. Based on the interaction mechanism, the most interactions were pharmacodynamic interactions with 155 or 100%. 87.09%.

Keyword : Drug interactions, Antidiabetik, prescriptions