

ABSTRACT

(Resume Artikel)

REVIEW OF POTENTIAL DRUG INTERACTIONS ON CARDIOVASCULAR DISEASE PRESCRIPTIONS AT HOSPITALS

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Treatment of cardiovascular disease usually use a combination of more than two drugs and lead to the higher potential for drug interactions. This literature review was aimed to determine the potential for drug interactions in prescribing cardiovascular disease in the hospital.

A Google Scholar search using the keyword potential cardiovascular drug interactions found 899 articles. Of these, 334 articles were excluded and three articles were reviewed. The first three articles were entitled Antiplaquet Drug Interactions in Prescribing Outpatient Patients at the Heart Polyclinic at RSU XYZ Tangerang, written by Rizka Aisyah, Ari Permana Putra, Wahyu Aji Maratus Sholikhah, Dede Komarudin, Taufani Tasmin in 2023, the second is entitled Study of Potential Drug Interactions Cardiac Clinic Polypharmacy Prescription at a Hospital in Bandung Written by Alfi Nurul Islamiyah in 2020 and the last one entitled Study of Potential Drug Interactions in Heart Failure Patients at the Adventist Hospital Manado Inpatient Installation written by Jeike Adondis, Jeane Mongi, Gideon Tiwow , Reky Palandi in 2019.

From the review of the articles, it was concluded that the potential for drug interactions in cardiovascular drugs ranged from 66.07 % - 91.30 %. The most widely reported potential for drug interactions with cardiovascular drugs has moderate severity with a proportion 60.32 %. The most widely published potential for drug interactions in cardiovascular drugs has a pharmacodynamic interaction mechanism with a proportion between 14 % - 68,53 %. The cardiovascular drugs that have the most potential to cause drug interactions from the three articles are aspirin and clopidogrel. With a proportion of 12.30 %

Keywords : *Drug Interactions, Cardiovascular, Inpatients*