

ABSTRAK

ANALISIS INTERAKSI OBAT, EFEK SAMPING DAN REAKSI OBAT MERUGIKAN PADA PASIEN HIV/AIDS

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HIV (*Human Immunodeficiency Virus*) adalah infeksi yang menyerang sistem kekebalan dan melemahkan kemampuan tubuh untuk memerangi infeksi, sedangkan AIDS (*Acquired Immunodeficiency Syndrome*) yaitu sindrom kekebalan tubuh oleh infeksi HIV. Virus ini menyerang sel CD4 (*Cluster of Differentiation*). Review jurnal ini bertujuan untuk mengetahui interaksi obat, efek samping serta reaksi obat merugikan yang terjadi setelah pemberian antiretroviral. Metode yang digunakan adalah kajian sistematik dari hasil penelusuran jurnal ilmiah terpublikasi taraf nasional maupun internasional melalui *search engine* pada *database Google Scholar, PubMed dan ScienceDirect*. Hasil review menunjukkan bahwa pasien HIV/AIDS didominasi oleh laki-laki 62% pada rentang usia 16-36 tahun 41%. Rejimen antiretroviral yang paling banyak digunakan yaitu kombinasi Tenofovir + Lamivudin + Efavirenz sebesar 40%. Kesimpulan: terdapat interaksi obat antara rifampisin+efavirenz 4% dan nevirapin+flukonazol 3%. Efek samping yang paling banyak terjadi yaitu ruam/alergi 19%, mual/muntah 12%, anemia 11%. Reaksi obat merugikan yang paling banyak terjadi yaitu gangguan sistem pencernaan dan hepatobilier 24%, gangguan neuropsikiatri 17% dan gangguan sistem dermatologis 12%.

Kata Kunci : HIV/AIDS; CD4; antiretroviral

ABSTRACT

ANALYSIS OF DRUG INTERACTIONS, SIDE EFFECTS AND ADVERSE DRUG REACTIONS IN HIV/AIDS PATIENTS

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HIV (Human Immunodeficiency Virus) is an infection that attacks the immune system and weakens the body's ability to fight infection, while AIDS (Acquired Immunodeficiency Syndrome) is an immune syndrome caused by HIV infection. This virus attacks CD4 cells (Cluster of Differentiation). This journal review aims to determine drug interactions, side effects and adverse drug reactions that occur after antiretroviral administration. The method used is a systematic study of the results of the search for published scientific journals at national and international levels through search engines on the Google Scholar, PubMed and ScienceDirect databases. The review results showed that HIV / AIDS patients were dominated by men 62% in the age range 16-36 years 41%. The most widely used antiretroviral regimen is the 40% combination of Tenofovir + Lamivudin + Efavirenz. Conclusion: There is a drug interaction between rifampin + efavirenz 4% and nevirapin + fluconazole 3%. The most common side effects were rash / allergy 19%, nausea / vomiting 12%, anemia 11%. The most common adverse drug reactions were 24% gastrointestinal and hepatobiliary system disorders, 17% neuropsychiatric disorders and 12% dermatological system disorders.

Keywords: HIV/AIDS; CD4; antiretroviral