

ABSTRACT

PROFILE OF ANTIRETROVIRAL DRUG REGIMEN UTILIZATION IN HIV/AIDS PATIENTS AT THE HIV OUTPATIENT CLINIC OF "X" HOSPITAL SURABAYA (November 2022 - April 2023)

Nova Yuniarti

HIV is a virus that causes AIDS, which damages the immune system and makes individuals infected with HIV susceptible to diseases. This study aims to investigate the pattern of antiretroviral drug regimen usage in HIV/AIDS patients treated at the HIV/AIDS Clinic of Hospital "X" in Surabaya.

This research is an analytical descriptive study conducted at the HIV/AIDS Clinic of Hospital "X" in Surabaya. Based on this study, it can be concluded that HIV/AIDS remains a significant health problem at the HIV/AIDS Clinic of Hospital "X" in Surabaya. Antiretroviral Therapy (ARV) given in the form of combination regimens, especially using the combination of TDF(300)/3TC(300)/EFV(600) (Tenofovir 300 mg/Lamivudine 300 mg/Efavirenz 600 mg). Although the TDF(300)/3TC(300)/EFV(600) combination regimen is still predominantly used, it is important to take into account the latest recommendations from the WHO that recommend the use of Dolutegravir (DTG) in combination with NRTIs as the first-line therapy regimen. Improving understanding and implementing these updated guidelines can help enhance the effectiveness of HIV/AIDS treatment.

The most commonly used class of antiretrovirals in Indonesia is NRTIs, considered the "backbone" of ARV therapy due to their role in inhibiting HIV replication. It is crucial to continuously monitor research and guidelines related to HIV/AIDS treatment to ensure that patients receive optimal care.

Overall, this study provides insights into the pattern of antiretroviral drug regimen use among HIV/AIDS patients at the HIV/AIDS Clinic of Hospital "X" in Surabaya. These findings can serve as a basis for improving the treatment and care of HIV/AIDS patients in the future.

Keywords: HIV, AIDS, Antiretroviral