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Korelasi Jumlah Viral Load Dan Jumlah Limfosit Terhadap Lamanya Pengobatan Pasien Hiv Dan Aids Di Puskesmas Tulang Bawang 1 Tahun 2021

xii + 29 halaman, 8 tabel, 1 gambar, dan lampiran

ABSTRAK

Human Immunodeficiency Virus (HIV) adalah virus yang menyerang sel kekebalan tubuh yang meliputi infeksi primer, dengan atau tanpa sindrom akut, stadium asimtomatik, hingga stadium lanjut. Panduan internasional menggabungkan pemeriksaan *viral load* RNA HIV bersama dengan jumlah limfosit T CD4 dalam memulai pemberian terapi antiretroviral (ARV) pada pasien terinfeksi HIV. Populasi pada penelitian ini adalah seluruh pasien HIV/AIDS di Puskesmas Tulang Bawang 1. Sampel pada penelitian ini 49 orang yang sesuai dengan kriteria inklusi. Penelitian ini menggunakan analisa bivariat dengan uji *korelasi pearson*. Hasil penelitian menunjukkan responden berada direntang usia <30 tahun sebanyak 26 responden dan usia ≥30 sebanyak 23 responden. Berdasarkan jenis kelamin mayoritas laki-laki 37 orang (75%) sedangkan berjenis kelamin perempuan 12 orang (25%). Hasil analisa menunjukkan rata-rata limfosit setelah pengobatan 30.06 dengan nilai minimum 20.00 dan maksimum 26.00. Hasil analisa bivariat p *value* = 0.003 yang berarti ada hubungan yang bermakna antara jumlah viral load terhadap lama pengobatan. sedangkan nilai *korelasi pearson* = 0.041 yang memiliki hubungan positif antara jumlah viral load terhadap lamanya pengobatan.

Kata kunci : HIV, Limfosit,Viral Load
Daftar Bacaan : 25 (2009-2021)

TANJUNGKARANG HEALTH POLYTECHNIC
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Correlation of Viral Load and Lymphocyte Numbers on Duration of Treatment for Hiv and Aids Patients at Tulang Bawang 1 Health Center in 2021

xii + 29 pages, 8 tables, 1 picture, and attachments

ABSTRACT

Human Immunodeficiency Virus (HIV) is a virus that attacks immune cells which includes primary infection, with or without acute syndrome, asymptomatic stage, to advanced stage. International guidelines combine testing of HIV RNA viral load along with CD4 T lymphocyte counts in initiating antiretroviral therapy (ARV) in HIV-infected patients. The population in this study were all HIV/AIDS patients at the Tulang Bawang 1 Health Center. The sample in this study was 49 people who met the inclusion criteria. This study uses bivariate analysis with Pearson correlation test. The results showed that the respondents were in the age range <30 years as many as 26 respondents and age 30 as many as 23 respondents. Based on gender, the majority were 37 people (75%) while 12 were female (25%). The results of the analysis showed that the mean lymphocyte count after treatment was 30.06 with a minimum value of 20.00 and a maximum of 26.00. The results of the bivariate analysis p value = 0.003 which means that there is a significant relationship between the amount of viral load and the length of treatment. while the Pearson correlation value = 0.041 which has a positive relationship between viral load and duration of treatment.

Keywords: HIV, Lymphocytes, Viral Load
Reading List : 25 (2009-2021)