DIFFERENCE OUTCOME AND INCREASE OF CD4 LEVEL AT NEW ASYMPTOMATIC HIV POSITIVE PATIENT BASED ON ANTI RETRO VIRAL (ARV) INITIATION TIME STATUS

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INTRODUCTION

The use of Anti Retro Viral (ARV) initiative has been implemented in Bali Province since 2014 which encouraged all HIV positive clients to start ARV treatment immediately regardless CD4 count. A number of studies have revealed positive association between high CD4 count on treatment initiation with positive outcome. However, very limited study until currently explored the association between time of initiation based on date of diagnosis and the outcome of treatment. This study was aimed to measured difference at new asymptomatic HIV positive patient based on ARV initiation time status.

RESULTS

The study design was analytic crossectional and using secondary data. The reached population of this study are all HIV positive patients that are on ARV and registered at Kerti Praja Foundation (YKP) Denpasar. Amongst 547 patients who is registered at this clinic, only 312 patients include in the analysis.

CONCLUSION

These study result give a valuable insight into consideration of initiation time for better outcome in asymptomatic HIV positive patients. Very limited number of studies were conducted to examine association between initiation time and outcome, thus further studies are needed in a wider scope. Furthermore, to put emphasize on initiation time should have important role in generating HIV treatment and prevention policy.

DISCLOSURE OF INTEREST STATEMENT

This study is funded by “Dana Hibah PNBP Penelitian Dosen Muda Universitas Udayana” (PNBP Grant for Young Lecturer Research Scheme Udayana University)