
**Cost Effectiveness of Various Interventions for Enhancing Retention to Care With Adequate
Load Suppression Among HIV-Positive Young People In Homa Bay County Kenya**

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Abstract

Globally, HIV and AIDS have been recognized as key social, economic and medical health problems. It may cause hospitalization, a neuro-paralysis developmental problem, household expenditure, school absenteeism or even death. For this reason prevention of quality care and monitoring in medical clinic care and retention services, viral suppression should be the top priority for any government. Homa Bay County is one of the 47 counties that were created in Kenya in 2010. It is a rural county with a predominantly peasant economy. The county has poverty rate above the national average and marked the highest HIV prevalence nearly 4.5 times higher than the national prevalence at 26%, the county contributed 15.1% and 14.1% of the total new HIV infections in Kenya among children and adults. Amid the covid-19 pandemic, HIV and AIDS appear to have taken a back seat yet globally two in every seven new HIV infections occur among young people aged 15 to 24 years. The impact of devolution on access to comprehensive care services for people living positively in the rural area is yet to be studied.

Keywords: HIV/AIDS, young people, Homa Bay County

