

Association Between Cervical Shedding Of Herpes Simplex Virus And Hiv-1.aids

Abstract:

OBJECTIVE: To investigate the association between the cervical shedding of herpes simplex virus (HSV) and HIV-1. **DESIGN:** A cross-sectional study on 200 women seropositive for both HSV-2 and HIV-1 was conducted in a family planning clinic at the Coast Provincial General Hospital, Mombasa, Kenya. **MAIN OUTCOME MEASURES:** Quantities of HSV DNA (types 1 and 2) and HIV-1 RNA as well as the presence or absence of HIV-1 proviral DNA in cervical secretions were determined and compared. **RESULTS:** There was a significant correlation between the quantities of HSV DNA and HIV-1 RNA in the cervical secretions of HSV-shedding women (Pearson's $r = 0.24$)