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### Prevalence of intestinal parasitic infections among HIV/AIDS patients from two health institutions in Abuja, Nigeria

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**Background:** Intestinal parasitic infections play a vital role in the prognosis of HIV/AIDS in patients.

**Objectives:** The aim of this study was to determine the prevalence of intestinal parasitic infections (IPIs) in HIV-infected individuals in two health facilities in Abuja-Nigeria.

**Methods:** A cross sectional study was conducted in two sites: the GEDE AIDS and Infectious Diseases Research Institute (GAIDRI), and the Human Virology Institute-General Hospital Asokoro-Abuja, Nigeria. A total of 119 subjects were recruited (85 HIV infected and 34 HIV negative). Stool specimens collected were analyzed macroscopically and microscopically for consistency and the presence of enteric parasites.

**Results:** The overall prevalence rate of enteroparasites obtained in this study was 22.7% (27/119). The prevalence of intestinal parasitic infections in HIV infected patients was 24.7%; while in HIV negative persons, it was 17.6%. However, the high rate obtained for HIV infected patients was not statistically significant ( $p>0.05$ ).

**Conclusion:** Although the prevalence rate of enteric parasites in HIV/AIDS patients was higher than in HIV negative individuals, this difference is not statistically significant. Even though there was no statistical difference in the two groups, parasitic infections in HIV/AIDS patients often result in debilitating illness.

#### Biography

Dominic Targema Abaver completed his PhD at the age of 40 years from University of Abuja in Parasitology. He is Chief Superintendent of Immigration Nigerian Immigration service, a paramilitary organization in the Ministry of Interior. He has published number of papers on HIV/AIDS, immunology and parasitology in reputed journals, such as *African Health Science*, *Pakistani Journal of Medical Sciences*, etc. He is a member of Nigerian Society of Parasitology and a Fellow, Institute of Cooperate Administration. Currently, he is a Postdoctoral research Fellow in HIV/AIDS at Walter Sisulu University, South Africa.

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