

**Utility of Facodyn-F in the management of HIV infections in Jos, Nigeria**

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This study was carried to determine the efficacy of a combination of local herb Facodyn-F on the CD<sub>4</sub> count and viral load of some HIV patients in Jos of Nigeria. Three hundred patients were screened for HIV using determine blood flow and confirmed with Western blot, 10 patients tested positive for HIV, 3 out of the 10 patients had CD<sub>4</sub> counts of less than 600 cells/μl. Pre-treatment CD<sub>4</sub> counts and viral load were taken before commencement of Facodyn-F therapy, then post treatment of same parameters after one month of Facodyn-F therapy. The pre-treatment status of the 3 patients for CD<sub>4</sub> and viral load respectively were 600:10000, 450:12000 and 360:19000. The post treatment results of the patients in same order were 800: undetectable, 650: undetectable and 550: undetectable. There was marked increase in CD<sub>4</sub> counts of 200, 200 and 190 for the three patients respectively and statistically, using the analysis of variance showed significant difference ( $P < 0.05$ ) between pre-treatment and post-treatment CD<sub>4</sub> counts in all patients. In order to monitor adverse herbal drug reactions during the period of this study, blood samples of patients were taken for liver function, electrolyte, urea and creatinine. Results obtained were within the normal ranges, also carried out were hematological and microbiological tests for presence of opportunistic infections. Results obtained were again within normal ranges too.

**Biography**

Edith Adanna Onwuliri holds a BPharm degree in Pharmacy and MSc degree in Applied Microbiology from the University of Jos and a PhD in Pharmaceutical Microbiology from the University of Nigeria, Nsukka. She is a Lecturer in the Pharmaceutical Microbiology unit of the Department of Pharmaceutics and Pharmaceutical Technology, University of Jos and is interested in the therapeutic investigation of phytomedicinal plants and their formulation into appropriate dosage forms.

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