



Evaluation of the nutritional status of children on ARVs in the centers Prevention Transmission Mother (PMTCT) Children Ruashi health zone in Lubumbashi in DR Congo

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Abstract: Introduction: The HIV infection causes and promotes the huge nutritional deficits in children. The aim of this work was to analyze the nutritional status of children infected with HIV put on ARVs in the Ruashi Health Zone in Lubumbashi. Methods: We conducted a descriptive cross study that focused on 51 enfants aged 3 months to 17 years selected 8 support structures of People Living with HIV AIDS, from January to June 2016. Data collection was performed by literature review and the usual descriptive statistics and anthropometric indicators were used. Result: The prevalence of global malnutrition was 31.37% (n = 51), 7.84% moderate malnutrition. The average weight of 19.25 kg with a minimum weight of 4.5 kg, and a maximum of 49kg. The overall prevalence of anemia (hemoglobin <11 g / dl) was 9.8%. Wasting concerned 3.92% and 7.84% of children were chronically malnourished. The prevalence of acute malnutrition was 25.48%, including 3.92% of severe acute malnutrition. Immunodeficiency (CD4 <350) in 5.88% of cases, undetectable viral load at 88.37% and an adherence to 92.16%. Conclusion: HIV / AIDS affect child health status in Ruashi with 31.37% global malnutrition and 7.84% stunting. Good nutritional and therapeutic support to children is needed.

Keywords: Nutritional status, children, HIV / AIDS, ARV, PMTCT



Biography:

Professor of Public Health and Nursing at the Faculty of Medicine and the School of Public Health at the University of Lubumbashi. Author of more than 20 scientific publications in international journals in the field of maternal and child health, hospital hygiene, HIV AIDS and management of health institutions. Currently She is director of the School of Public Health of the Sami University.

Publication:

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