

Title: Intestinal Parasites and Infection among Primary School Children in Port Harcourt City Local Government Area of Nigeria

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Intestinal parasite are living organisms with worm-like morphological features which receive nutrient, shield and protection from their host thereby causing damages to the internal activities of the host and resulting to diseases and weaknesses. They are also called soil-transmitted parasites because their routes of infection are specifically through direct contact with the soil, which have faecal matter contamination. Moreover, there are different types of habits such as playing on sand which may have been contaminated, licking of fingers etc which are common among those infected with diverse parasitic infections, resulting in the widespread of parasites as well as transmission of parasites infections. Intestinal parasites dominate the gastrointestinal tract of humans. Parasitic infection is obviously a serious public health issue in the study area. This study was to evaluate the commonness of intestinal parasite infection and was conducted with the aid of a structured questionnaire used to establish factors such as environmental, behavioral and sociodemographic. Collection of stool samples from study subjects was achieved using sterile sample bottles and screened for parasites using a direct smear and formol-ether concentration technique. The results were statistically analyzed. The most prevalent intestinal parasites identified were *Ascaris lumbricoides, Trichuris trichiura* and hookworm. This study expressed the widespread of intestinal parasites associated with drinking untreated well/spring water and inadequate health education to practice hand washing before meal. Interventions such as ensuring availability of adequate sanitary facilities, chemotherapy, well-treated portable drinking water, education on health tips should be put to consideration/implemented, as well as improved personal hygiene.

Biography

Michael, Emmanuel Ikpe is a Doctoral Student of the University of Benin, Nigeria. He is 31 years old.

He has experiences in Scientific research, Laboratory Services, sampling hard-to-reach populations of

Orphans, Vulnerable Children, Households, Communities and States relief projects on Tropical Disease Surveillance.

An alumnus of University of Port Harcourt, Rivers State, Nigeria; with a Bachelor of Technology in Microbiology Technology and obtained Masters of Science Degree in Applied Microbiology/Brewing from the prestigious Nnamdi Azikiwe University, Nigeria. He has authored several papers in reputed journals. He is an Associate member of the Nigerian Institute of Science Laboratory (**NISLT**), Nigeria.

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