

## **Soil Transmitted Helminth Infection and Associated Risk Factors among School Children in a Selected Barangay in the Philippines**

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**Abstract :** Soil-transmitted helminth infection remains to be one of the leading public health problem worldwide, which is common in the rural developing regions especially among children. This study aimed to detect the presence of soil transmitted helminths among children and its associated transmission factors. Descriptive cross sectional research was the design used in the study and questionnaires were administered. Stool samples were collected among the samples (n=108) and were analyzed using kato thick method. Results showed that 61 out of 108 respondents are infected by soil transmitted helminth infection with *A. lumbricoides* the highest, followed by hookworm and *T. trichuria*. Parent's educational attainment, hand washing practices, and water sources were found to be associated with presence of Soil Transmitted Helminth infection.

**Keywords :** associated risk factors, barangay, school children, soil transmitted helminth infection

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