



**SOIL-TRANSMITTED HELMINTH INFECTION AMONG PRIMARY
SCHOOL-AGED CHILDREN IN BARANGAY SAMPALOC IV,
DASMARIÑAS, CAVITE**

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ABSTRACT

Soil-transmitted helminthiases (STH) is one of the major public health problems in the Philippines due to slow impact of development programs in many impoverished areas. Of the 1,058 primary school children in Barangay Sampaloc IV in Dasmariñas City, only 36 stool samples were examined due to collection barriers. Using the FECT and Kato-katz method to identify and measure the intensity of the STH infection, a prevalence of 13.89% (5/36) was recorded. With Kato-katz method an average intensity of the infected was 14,678 eggs per gram (EPG) which falls in moderate infection. Chi-square analysis association of STH infection showed that certain variables were significant such as practice of hand washing by children, toilet facilities, and household flooring.

Keywords: Stool Samples, FECT, Kato-Katz, EPG, Chi-square

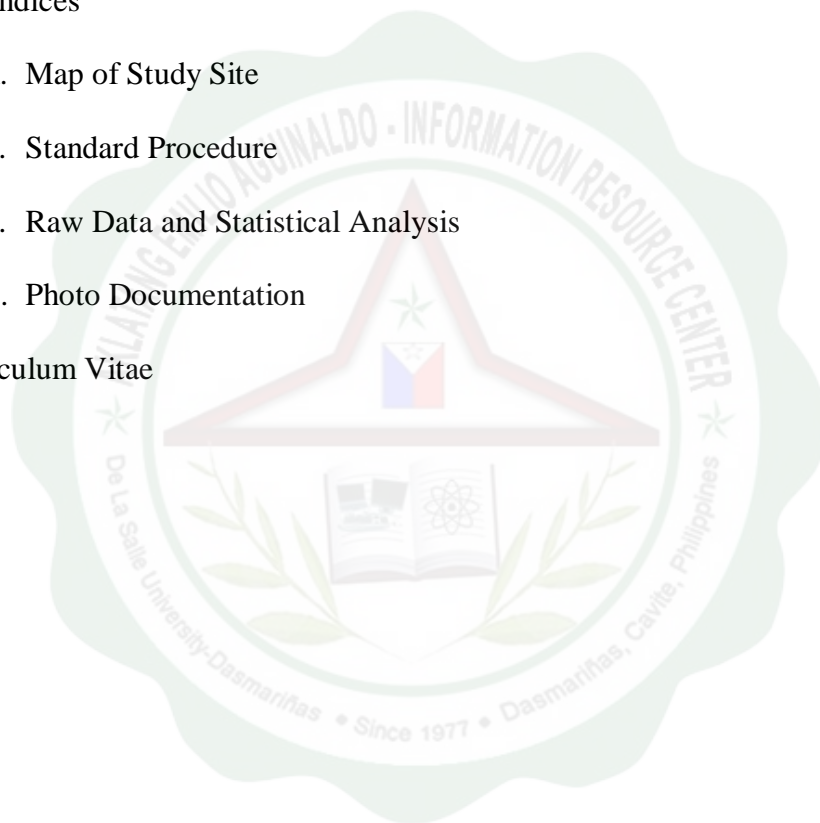


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