

Detection of enteroparasites in schoolchildren in Ilhéus-BA

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Enteroparasites are a public health problem in several parts of the world, occurring endemic where there are precarious socio-economic, environmental, hygiene and contaminated water consumption. The occurrence of parasitoses in children, especially in the school age, is an aggravating factor for malnutrition, which can lead to a higher degree of morbidity, as well as impairment of physical and intellectual development. The objective of this study was to investigate the prevalence of enteroparasites in children aged 3 to 6 years, enrolled in the Emília de Brito Corrêa school, in the city of Ilhéus - Bahia. After sensitization, orientation and invitation to the parents / guardians, 3 collectors were distributed per student, recommending the importance of the examination in 3 samples. A total of 351 samples were received on dates previously scheduled and sent to the UESC Parasitology Laboratory, where they were processed and analyzed according to the Mariano and Carvalho method. The positivity found was 96.1% in the analyzed samples, and 82.3% were polyps. The most prevalent helminths were *Trichuris trichiura* (19,36%), *Ascaris lumbricoides* (18,49%) and the most prevalent protozoa were *Entamoeba histolytica* (25%), *Entamoeba coli* (32,49) and *Giardia lamblia* (17,64). The results were delivered to those responsible at the time of health promotion activities aimed at infants and also parents. The coproparasitological survey is relevant because it constitutes an important source of local epidemiological information guiding actions to improve infrastructure, prevention and treatment programs to address community problems. It is important to act continuously to form a new mentality through educational activities, on the importance of protection against diseases, health promotion, right to health, in order to improve hygiene conditions.