

OPLAN BAYANIHAN:
kaBAYAN, Inodoro iHandog sa mga Aeta Nating Kababayan

In Partial Fulfillment of the Requirements in
PH 195: Public Health Practice

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ABSTRACT

Soil-transmitted helminth (STH) infections are caused by parasitic worms or helminths that are transmitted to people through contaminated soil. The main species are the roundworm (*Ascaris lumbricoides*), the whipworm (*Trichuris trichiura*) and the hookworms (*Necator americanus* and *Ancylostoma duodenale*). It is more prevalent among children living in conditions of poor sanitation particularly in indigenous people (IP) groups in the Philippines. OPLAN BAYANIHAN (kaBAYAN, Inodoro iHandog sa mga Aeta Nating Kababayan) primarily aimed to decrease the prevalence of soil-transmitted helminthiasis (STH) among the Aeta children of Purok V, Barangay San Nicolas, Buenavista, Guimaras. A responsible and functional core group was organized to assist in the implementation and monitoring of the projects. A stool examination was conducted prior to the construction of toilet facilities and results showed that all 30 Aeta children tested were positive for STH. The post stool examination was not performed due to the strict compliance of the Municipal Health Office to their biannual mass deworming schedule, but it will be performed after the mass deworming in Sitio Serum Bukid on April 3, 2014. The knowledge and awareness regarding soil-transmitted helminthiasis increased by 30% or more through interactive lectures on how to prevent and control STH and on the proper usage of personal protective equipment (PPE). The knowledge, attitude, and practices (KAP) of the Aetas regarding proper hygiene increased by 30% or more through interactive lectures and trainings on hand washing, tooth brushing, and grooming. Flyers were distributed among Aeta parents and storybooks were handed over to the Day Care Center of Sitio Serum Bukid, and Kindergarten and Elementary teachers of San Nicolas Primary School. Nine toilet facilities were constructed and the installation of a clean and potable water source is underway.