

Launch of 'DeWorm3' collection

January 18 2018



The DeWorm3 team. Credit: Natural History Museum, 2017

PLOS Neglected Tropical Diseases is happy to announce the publication of a new Collection, "DeWorm3" on January 18, 2018.

Soil-Transmitted Helminth (STH) infections cause chronic and insidious effects on the host's health, nutritional status and development. Chronic and intense STH infections can contribute to malnutrition, iron-deficiency anaemia, mental and physical growth retardation in childhood. Judd Walson, Principal Investigator of the DeWorm3 Project, and co-Editor-in-Chief of *PLOS NTDs*, along with colleagues from the DeWorm3 global partner network, provide new evidence in this [collection](#) that can aid in interrupting the transmission of STHs.

The DeWorm3 collection compiles numerous studies on STHs, including:

- Evaluations of the sustainability, scalability, and replicability of STH transmission interruption
- A series of cluster randomized trials in India and Malawi to evaluate the impact of biannual community-wide MDA with albendazole compared to the current standard of care
- An analysis of the impact of different diagnostic tools to aid in soil-transmitted helminth [transmission](#) elimination

Additional articles will be added to the collection as the STH elimination evidence base continues to grow. Key research in this Collection is summarized below.

More information: collections.plos.org/deworm3

Means AR, Ajjampur SSR, Bailey R, Galactionova K, Gwayi-Chore MC, et al. (2018) Evaluating the sustainability, scalability, and replicability of an STH transmission interruption intervention: The DeWorm3 implementation science protocol. *PLOS Neglected Tropical Diseases* 12(1): e0005988. doi.org/10.1371/journal.pntd.0005988

Ásbjörnsdóttir KH, Ajjampur SSR, Anderson RM, Bailey R, Gardiner I, et al. (2018) Assessing the feasibility of interrupting the transmission of soil-transmitted helminths through mass drug administration: The DeWorm3 cluster randomized trial protocol. *PLOS Neglected Tropical Diseases* 12(1): e0006166. doi.org/10.1371/journal.pntd.0006166

Werkman M, Wright JE, Truscott JE, Easton AV, Oliveira RG, et al. (2018) Testing for soil-transmitted helminth transmission elimination: Analysing the impact of the sensitivity of different diagnostic tools. *PLOS Neglected Tropical Diseases* 12(1): e0006114.

doi.org/10.1371/journal.pntd.0006114

Provided by Public Library of Science

Citation: Launch of 'DeWorm3' collection (2018, January 18) retrieved 23 April 2024 from <https://medicalxpress.com/news/2018-01-deworm3.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.