

DAFTAR PUSTAKA

- Agrawal, R. et al., 2024. Prevalence and correlates of soil-transmitted helminths in schoolchildren aged 5 to 18 years in low- and middle-income countries: a systematic review and meta-analysis. *Frontiers in Public Health*, 12, p.1283054. Available at: <https://pmc.ncbi.nlm.nih.gov/articles/PMC10991833/> [Accessed: 22 August 2025].
- Ahmed, M. and Ahmed, M., 2023. Intestinal Parasitic Infections in 2023. *Gastroenterology Research*, 16(3), pp.127–140. Available at: <https://www.gastrores.org/index.php/Gastrores/article/view/1622> [Accessed: 30 July 2025].
- Alifia, L.I., 2021. Peran Air dan Sanitasi terhadap Pencegahan Infeksi Soil-Transmitted Helminths. *CoMPHI Journal: Community Medicine and Public Health of Indonesia Journal*, 1(3).
- Apsari, P.I.B., Indraningrat, A.A.G., Arwati, H. and Dachlan, Y.P., 2020. Short Communication: Prevalence and risk factors of soil-transmitted helminth infection among farmers in Gelgel Village, Klungkung District, Bali, Indonesia. *Biodiversitas Journal of Biological Diversity*, 21(4), pp.1535–1540.
- Athiyah, A.F. et al., 2023. Mono-Parasitic and Poly-Parasitic Intestinal Infections among Children Aged 36–45 Months in East Nusa Tenggara, Indonesia. *Tropical Medicine and Infectious Disease*, 8(1), p.45. Available at: <https://pmc.ncbi.nlm.nih.gov/articles/PMC9866443/> [Accessed: 30 August 2025].
- Avokpaho, E.F.G.A. et al., 2021. Factors associated with soil-transmitted helminths infection in Benin: Findings from the DeWorm3 study. *PLOS Neglected Tropical Diseases*, 15(8), p.e0009646. Available at: <https://journals.plos.org/plosntds/article?id=10.1371/journal.pntd.0009646> [Accessed: 30 July 2025].
- Azteria, V. and Rosya, E., 2023. Drinking Water Quality of Water Refill Station in Gebang Raya Tangerang. *Jurnal Kesehatan Lingkungan*, 15(2), pp.120–126.
- Barda, B. et al., 2020. Comparison of real-time PCR and the Kato-Katz method for the diagnosis of soil-transmitted helminthiasis and assessment of cure in a randomized controlled trial. *BMC Microbiology*, 20(1), pp.1–8. Available at: <https://bmcmicrobiol.biomedcentral.com/articles/10.1186/s12866-020-01963-9> [Accessed: 30 July 2025].

- Behniafar, H. et al., 2024. The global prevalence of *Trichuris trichiura* infection in humans (2010-2023): A systematic review and meta-analysis. *Journal of Infection and Public Health*, 17(5), pp.800–809. Available at: <https://pubmed.ncbi.nlm.nih.gov/38537575/> [Accessed: 30 August 2025].
- Bhatt, A.R. and Cantor, A.J., 2025. Ocular Infections. *Feigin and Cherry's Textbook of Pediatric Infectious Diseases, 9th Edition: 2-Volume Set*, 1–2, pp.597-616.e5.
- Bosch, F. et al., 2021. Diagnosis of soil-transmitted helminths using the Kato-Katz technique: What is the influence of stirring, storage time and storage temperature on stool sample egg counts? *PLoS Neglected Tropical Diseases*, 15(1), p.e0009032. Available at: <https://pmc.ncbi.nlm.nih.gov/articles/PMC7857572/> [Accessed: 30 July 2025].
- Brahmantya, I.B.Y. et al., 2020. Risk factors and prevalence of soil-transmitted helminth infections. *Open Access Macedonian Journal of Medical Sciences*, 8, pp.521–524.
- Butala, C.B. et al., 2024. Impact of COVID-19 on the neglected tropical diseases: a scoping review. *Infectious Diseases of Poverty*, 13(1), p.55. Available at: <https://pmc.ncbi.nlm.nih.gov/articles/PMC11285209/> [Accessed: 17 September 2025].
- CDC, 2019, *Ancylostoma duodenale, Ancylostoma ceylanicum, dan Necator americanus* [Online]. Available at: https://www-cdc.gov.translate.goog/dpdx/hookworm/index.html?_x_tr_sl=en&_x_tr_tl=id&_x_tr_hl=id&_x_tr_pto=tc [Accessed: 3 October 2024].
- CDC, 2024a, *Soil-Transmitted Helminths* [Online]. Available at: <https://www.cdc.gov/sth/about/index.html#:~:text=Soil%2Dtransmitted%20Helminths%2C%20or%20STH,neglected%20tropical%20diseases%20or%20NTDs.> [Accessed: 3 October 2024].
- CDC, 2024b, *Trichuris trichiura* [Online]. Available at: https://www-cdc.gov.translate.goog/dpdx/trichuriasis/index.html?_x_tr_sl=en&_x_tr_tl=id&_x_tr_hl=id&_x_tr_pto=tc [Accessed: 13 October 2024].
- Chai, J.Y., Jung, B.K. and Hong, S.J., 2021. Albendazole and Mebendazole as Anti-Parasitic and Anti-Cancer Agents: an Update. *The Korean Journal of Parasitology*, 59(3), p.189. Available at: <https://pmc.ncbi.nlm.nih.gov/articles/PMC8255490/> [Accessed: 31 July 2025].

- Chhikara, K. and Suri, D., 2024. Intestinal parasitic infections in children under 5 years of age. *Current Medicine Research and Practice*, 14(1), pp.1–2. Available at: https://journals.lww.com/cmre/fulltext/2024/14010/intestinal_parasitic_infections_in_children_under.1.aspx [Accessed: 30 July 2025].
- Chong, N.S., Smith, S.R., Werkman, M. and Anderson, R.M., 2021. Modelling the ability of mass drug administration to interrupt soil-transmitted helminth transmission: Community-based deworming in Kenya as a case study. *PLOS Neglected Tropical Diseases*, 15(8), p.e0009625. Available at: <https://journals.plos.org/plosntds/article?id=10.1371/journal.pntd.0009625> [Accessed: 17 October 2025].
- Chopra, P., Shekhar, S., Dagar, V.K. and Pandey, S., 2022. Prevalence and Risk Factors of Soil-Transmitted Helminthic Infections in the Pediatric Population in India: A Systematic Review and Meta-Analysis. *Journal of Laboratory Physicians*, 15(1), pp.4–19. Available at: <https://jlabphy.org/prevalence-and-risk-factors-of-soil-transmitted-helminthic-infections-in-the-pediatric-population-in-india-a-systematic-review-and-meta-analysis/> [Accessed: 3 October 2024].
- Conterno, L.O., Turchi, M.D., Corrêa, I. and Monteiro de Barros Almeida, R.A., 2020. Anthelmintic drugs for treating ascariasis. *The Cochrane Database of Systematic Reviews*, 2020(4), p.CD010599. Available at: <https://pmc.ncbi.nlm.nih.gov/articles/PMC7156140/> [Accessed: 31 July 2025].
- Corvino, D.F. de L. and Horrall, S., 2023. Ascariasis. *StatPearls*. Available at: <https://www.ncbi.nlm.nih.gov/books/NBK430796/> [Accessed: 31 July 2025].
- Dąbrowska, J. et al., 2024. Effective Laboratory Diagnosis of Parasitic Infections of the Gastrointestinal Tract: Where, When, How, and What Should We Look For? *Diagnostics*, 14(19), p.2148. Available at: <https://pmc.ncbi.nlm.nih.gov/articles/PMC11475984/> [Accessed: 12 July 2025].
- Degarege, A., Erko, B., Negash, Y. and Animut, A., 2022. Intestinal Helminth Infection, Anemia, Undernutrition and Academic Performance among School Children in Northwestern Ethiopia. *Microorganisms 2022, Vol. 10, Page 1353*, 10(7), p.1353. Available at: <https://www.mdpi.com/2076-2607/10/7/1353/htm> [Accessed: 17 October 2025].

- Delahoy, M.J. et al., 2018. Pathogens transmitted in animal feces in low- and middle-income countries. *International Journal of Hygiene and Environmental Health*, 221(4), p.661. Available at: <https://pmc.ncbi.nlm.nih.gov/articles/PMC6013280/> [Accessed: 31 July 2025].
- Dunn, J.C. et al., 2020. The increased sensitivity of qPCR in comparison to Kato-Katz is required for the accurate assessment of the prevalence of soil-transmitted helminth infection in settings that have received multiple rounds of mass drug administration. *Parasites and Vectors*, 13(1), pp.1–11. Available at: <https://parasitesandvectors.biomedcentral.com/articles/10.1186/s13071-020-04197-w> [Accessed: 30 August 2025].
- Dwipayanti, N.M.U., Lubis, D.S. and Harjana, N.P.A., 2021. Public Perception and Hand Hygiene Behavior During COVID-19 Pandemic in Indonesia. *Frontiers in Public Health*, 9, p.621800. Available at: <https://pmc.ncbi.nlm.nih.gov/articles/PMC8155304/> [Accessed: 17 September 2025].
- Easton, A. V. et al., 2016. Multi-parallel qPCR provides increased sensitivity and diagnostic breadth for gastrointestinal parasites of humans: Field-based inferences on the impact of mass deworming. *Parasites and Vectors*, 9(1), pp.1–12.
- Eno, R.W. et al., 2025. Edukasi Perilaku Hidup Bersih dan Sehat (PHBS) dalam Pencegahan Cacingan Pada Siswa SD Negeri Matagara. *Jurnal Hasil Pengabdian Masyarakat (JURIBMAS)*, 4(1), pp.59–65. Available at: <https://ejurnal.lkpkaryaprima.id/index.php/juribmas/article/view/375> [Accessed: 30 July 2025].
- Fajrin, M.N., Birawida, A.B. and Sila, N., 2024. Overview of Microbiological Quality in Refillable Drinking Water Depots (DAMIU) in Barrang Lompo Island, Makassar City in 2024. *Environmental and Public Health Maritime Journal*, pp.1–9.
- Faziqin, L.M. et al., 2021. Contamination of Soil Transmitted Helminths (STH) Eggs in Raw Vegetables at Street Food Stalls and Restaurant in Lorok Pakjo Village, Palembang. *Bioscientia Medicina : Journal of Biomedicine and Translational Research*, 5(6), pp.599–607. Available at: <https://www.bioscmed.com/index.php/bsm/article/view/397> [Accessed: 30 July 2025].
- Gargiulo, A.H. et al., 2022. Food Safety Issues Related to Eating In and Eating Out. *Microorganisms*, 10(11), p.2118. Available at:

- <https://pmc.ncbi.nlm.nih.gov/articles/PMC9695559/> [Accessed: 30 July 2025].
- Garn, J. V. et al., 2022. Interventions to improve water, sanitation, and hygiene for preventing soil-transmitted helminth infection. *The Cochrane Database of Systematic Reviews*, 2022(6), p.CD012199. Available at: <https://pmc.ncbi.nlm.nih.gov/articles/PMC9208960/> [Accessed: 17 September 2025].
- Hailegebriel, T., Nibret, E. and Munshea, A., 2020. Prevalence of Soil-Transmitted Helminth Infection Among School-Aged Children of Ethiopia: A Systematic Review and Meta-Analysis. *Infectious Diseases*, 13, p.1178633720962812. Available at: <https://pmc.ncbi.nlm.nih.gov/articles/PMC7543112/> [Accessed: 17 October 2025].
- Hamid, F. et al., 2022. Intestinal permeability before and after albendazole treatment in low and high socioeconomic status schoolchildren in Makassar, Indonesia. *Scientific Reports*, 12(1), pp.1–11. Available at: <https://www.nature.com/articles/s41598-022-07086-7> [Accessed: 19 September 2025].
- Hassan, N.A. et al., 2022. A conventional multiplex PCR for the detection of four common soil-transmitted nematodes in human feces: development and validation. *Tropical Biomedicine*, 39(1), pp.135–143.
- Hoefle-Bénard, J. and Salloch, S., 2024. Mass drug administration for neglected tropical disease control and elimination: a systematic review of ethical reasons. *BMJ Global Health*, 9(3), p.e013439. Available at: <https://pmc.ncbi.nlm.nih.gov/articles/PMC10941120/> [Accessed: 31 July 2025].
- Holland, C. V., 2021. The long and winding road of *Ascaris* larval migration: the role of mouse models. *Parasitology*, 148(14), p.1735. Available at: <https://pmc.ncbi.nlm.nih.gov/articles/PMC8660642/> [Accessed: 31 July 2025].
- Idayani, S. and Putri, N.L.N.D.D., 2023. Identifikasi Keberadaan Telur Cacing Soil Transmitted Helminth Pada Kuku Pekerja Tempat Penitipan Hewan Di Kota Denpasar. *Jurnal Ilmu Kesehatan Bhakti Husada: Health Sciences Journal*, 14(01), pp.162–168.
- Isaac, C. et al., 2019. Prevalence of Soil-transmitted Helminths in Primary School Playgrounds in Edo State, Southern Nigeria. *Helminthologia*, 56(4), p.282. Available at:

- <https://pmc.ncbi.nlm.nih.gov/articles/PMC6818638/> [Accessed: 17 September 2025].
- Kaliappan, S. et al., 2022. Soil-transmitted helminth infections after mass drug administration for lymphatic filariasis in rural southern India. *Tropical Medicine and International Health*, 27(1), pp.81–91. Available at: [/doi/pdf/10.1111/tmi.13697](https://doi.org/10.1111/tmi.13697) [Accessed: 30 July 2025].
- Kamb, M. and Roy, S., 2024, *Helminths, Soil-Transmitted CDC Yellow Book 2024* [Online]. Available at: <https://wwwnc.cdc.gov/travel/yellowbook/2024/infections-diseases/helminths-soil-transmitted> [Accessed: 3 October 2024].
- Khurana, S., Singh, S. and Mewara, A., 2021. Diagnostic Techniques for Soil-Transmitted Helminths – Recent Advances. *Research and Reports in Tropical Medicine*, 12(1), pp.181–196.
- Lamberton, P.H.L. and Jourdan, P.M., 2015. Human Ascariasis: Diagnostics Update. *Current Tropical Medicine Reports*, 2(4), p.189. Available at: <https://pmc.ncbi.nlm.nih.gov/articles/PMC4630244/> [Accessed: 31 July 2025].
- Lotz, C.N. et al., 2025. Performance of real-time polymerase chain reaction and Kato-Katz for diagnosing soil-transmitted helminth infections and evaluating treatment efficacy of emodepside in randomized controlled trials. *PLOS Neglected Tropical Diseases*, 19(2), p.e0012872. Available at: <https://journals.plos.org/plosntds/article?id=10.1371/journal.pntd.0012872> [Accessed: 30 July 2025].
- Lynn, M.K., Morrissey, J.A. and Conserve, D.F., 2021. Soil-Transmitted Helminths in the USA: a Review of Five Common Parasites and Future Directions for Avenues of Enhanced Epidemiologic Inquiry. *Current Tropical Medicine Reports*, 8(1), p.32. Available at: <https://pmc.ncbi.nlm.nih.gov/articles/PMC7847297/> [Accessed: 31 July 2025].
- Mangara, A., Lismawati and Julianto, 2021. Prevalensi dan Faktor Resiko Infeksi STH (Soil Transmitted Helminths) Pada Anak Sekolah Dasar. *Jurnal Keperawatan Tropis Papua*, 4(2), pp.56–61. Available at: <https://jktp.jurnalpoltekkesjayapura.com/index.php/jktp/article/view/254> [Accessed: 30 July 2025].
- Marie, C. and Petri, W.A., 2022, *Ascariasis* [Online].

- Matamoros, G. et al., 2024. A comparison of the diagnostic capability of Kato-Katz and real-time PCR for the assessment of treatment efficacy of ivermectin and albendazole combination against *T. trichiura* infections. *PLOS Neglected Tropical Diseases*, 18(11), p.e0012677. Available at: <https://pmc.ncbi.nlm.nih.gov/articles/PMC11614246/> [Accessed: 30 July 2025].
- Mekonnen, Z. et al., 2020. Soil-transmitted helminth infections and nutritional status of school children in government elementary schools in Jimma Town, Southwestern Ethiopia. *SAGE Open Medicine*, 8, p.2050312120954696. Available at: <https://pmc.ncbi.nlm.nih.gov/articles/PMC7475784/> [Accessed: 17 October 2025].
- Miswan, N., Singham, G. V. and Othman, N., 2022. Advantages and Limitations of Microscopy and Molecular Detections for Diagnosis of Soil-transmitted Helminths: An Overview. *Helminthologia*, 59(4), p.321. Available at: <https://pmc.ncbi.nlm.nih.gov/articles/PMC9979072/> [Accessed: 31 July 2025].
- Mosawi, S.H., Hosseiny, Z. and Mohammadi, K., 2019. Environmental health impacts on ascariasis infections by indication of afghanistan: A review. *Encyclopedia of Environmental Health*, pp.506–512.
- Muqsith, A., 2017. Hubungan Infeksi Soil Transmitted Helminths Dengan Penggunaan Alas Kaki Pada Siswa SDN 20 Banda Sakti Kota Lhokseumawe Tahun 2016. *Jurnal Ilmu Sains, Teknologi, Ekonomi, Sosial dan Budaya*, 1(1), pp.68–73. Available at: https://www.academia.edu/107949179/Hubungan_Infeksi_Soil_Transmitted_Helminths_Dengan_Penggunaan_Alus_Kaki_Pada_Siswa_SDN_20_Banda_Sakti_Kota_Lhokseumawe_Tahun_2016 [Accessed: 30 July 2025].
- Novianty, S., Pasaribu, H.S. and Pasaribu, A.P., 2018. Faktor Risiko Kejadian Kecacingan pada Anak Usia Pra Sekolah Risk Factors of Soil-transmitted Helminthiasis in Pre-School Children. *J Indon Med Assoc*, 68(2), pp.86–92.
- O’Connell, E.M. and Nutman, T.B., 2016. Review article: Molecular diagnostics for soil-transmitted helminths. *American Journal of Tropical Medicine and Hygiene*, 95(3), pp.508–514.
- Riaz, M. et al., 2020. Prevalence, risk factors, challenges, and the currently available diagnostic tools for the determination of

- helminths infections in human. *European Journal of Inflammation*, 18.
- Ridwan, A., Fatimah and Nurfadillah, 2021. Identification Of Soil Transmitted Helminth (STH) Of Children Aged 7-10 Years Old Using Fecal Samples With Native Method In Final Disposal Site Area In Bulukumba Regency. *Jurnal Biologi Makassar*, 6(1), pp.91–98. Available at: <http://journal.unhas.ac.id/index.php/bioma>.
- Rotejanaprasert, C. et al., 2023. Evaluation of Kato-Katz and multiplex quantitative polymerase chain reaction performance for clinical helminth infections in Thailand using a latent class analysis. *Philosophical Transactions of the Royal Society B: Biological Sciences*, 378(1887). Available at: [/doi/pdf/10.1098/rstb.2022.0281](https://doi/pdf/10.1098/rstb.2022.0281) [Accessed: 30 August 2025].
- Sandy, S. and Kridningsih, T.N., 2023. Source of household water as main risk factor of soil-transmitted helminth infections among elementary school pupils in Wamena District, Jayawijaya Regency, Papua. *Universa Medicina*, 42(2), pp.160–172. Available at: <https://univmed.org/ejurnal/index.php/medicina/article/view/1466> [Accessed: 30 July 2025].
- Schlosser-Brandenburg, J. et al., 2023. Infection with soil-transmitted helminths and their impact on coinfections. *Frontiers in Parasitology*, 2, p.1197956.
- Servián, A., Garimano, N. and Santini, M.S., 2024. Systematic review and meta-analysis of soil-transmitted helminth infections in South America (2000–2024). *Acta Tropica*, 260, p.107400. Available at: https://www.sciencedirect.com/science/article/abs/pii/S0001706X2400281X?utm_source=chatgpt.com [Accessed: 17 September 2025].
- Setegn, A. et al., 2024. Hookworm infection and its determinants among schoolchildren in Ethiopia: a systematic review and meta-analysis. *BMC Infectious Diseases*, 24(1), p.1420. Available at: <https://pmc.ncbi.nlm.nih.gov/articles/PMC11653560/> [Accessed: 30 July 2025].
- Sintyadewi, N.K., Rismawan, M. and Wulansari, N.T., 2023. Hubungan Perilaku Cuci Tangan Pakai Sabun dengan Penyakit Kecacingan Pada Siswa Sekolah Dasar. *MIDWINERSLION: Jurnal Kesehatan STIKes Buleleng*, 8(2), pp.169–174.

- Tapiheru, M.J. and Nurfadly, 2021. Prevalence Of Soil Transmitted Helminth Infection In Public Elementary School Students 105296 Percut Sei Tuan, Deli Serdang, North Sumatra. *JIMKI*, 8(3), pp.2–7.
- Usang, A.U. et al., 2025. Soil-transmitted helminth infections and nutritional indices among children (5–9 years) and adolescents (10–12 years) in Calabar, Nigeria. *BMC Public Health*, 25(1), p.1. Available at: <https://pmc.ncbi.nlm.nih.gov/articles/PMC11694370/> [Accessed: 17 September 2025].
- Wardhana, H., Setiawan, H. and Sari, N., 2022. A study on parasitic infections in school children of Makassar, Indonesia. *Asian Pacific Journal of Tropical Disease*, 12(3), pp.107–115.
- WHO, 2015. *Assessing the Epidemiology of Soil-Transmitted Helminths During a Transmission Assessment Survey in the Global Programme for the Elimination of Lymphatic Filariasis.*, Geneva, Switzerland.
- WHO, 2020, *Soil-transmitted helminth infections*. [Online]. Available at: <https://www.who.int/news-room/fact-sheets/detail/soil-transmitted-helminth-infections> [Accessed: 28 September 2024].
- Xie, T.H. et al., 2025. *Ascaris lumbricoides* a rare cause gastric perforation: a case report and brief literature review. *Frontiers in Medicine*, 11, p.1525301. Available at: <https://pmc.ncbi.nlm.nih.gov/articles/PMC11750766/> [Accessed: 31 July 2025].
- Zendejas-Heredia, P.A., Colella, V., Hii, S.F. and Traub, R.J., 2021. Comparison of the egg recovery rates and limit of detection for soil-transmitted helminths using the Kato-Katz thick smear, faecal flotation and quantitative real-time PCR in human stool. *PLOS Neglected Tropical Diseases*, 15(5), p.e0009395. Available at: <https://journals.plos.org/plosntds/article?id=10.1371/journal.pntd.0009395> [Accessed: 30 July 2025].
- Zerpa, M.L., Valdivieso, A.R. and Alvarez, J.M., 2021. Routine stool examination for soil-transmitted helminths: significance in primary care. *International Journal of Parasitology*, 50(6), pp.789–798.