

DAFTAR PUSTAKA

1. Hodler J, Kubik R, Schulthess G, Justus H, Roos E, et al. Diseases of the abdomen and pelvis 2023-2026. 2023(4):47-64.
2. Shalim C. Diagnosis dan tatalaksana irritable bowel syndrome. *Cermin Dunia Kedokteran* . 2019;46(12):754–8.
3. Daniella D, Simkoputera J, Wiguna C. Inflammatory bowel disease in young adult. *Jakarta*. 2019;20(1):58-62.
4. Seyedian S, Nokhostin F, Malamir M. A review of the diagnosis, prevention, and treatment methods of inflammatory bowel disease. *J Med Life*. 2019;12(2):113–22.
5. Stefaniak P, Majewska H, Zadrożny D, Godlewski J. Cancer in a polyp of the large intestine – an interdisciplinary decision problem. *Przegląd Gastroenterologiczny*. 2021;16 : 306–310.
6. Sayuti M. Kanker Kolorektal. *Jurnal Averrous*. 2019; 5(2):76-88.
7. Alda F, Irawati N. Identification of intestinal protozoa in healthy adults in Pasie Nan Tigo sub-district Koto Tengah Padang. *J Agromed Med Sci*. 2022;8(3):175–81. <http://jurnal.unej.ac.id/index.php/JAMS> - Diakses Februari 2024
8. Siahaan L, Panggabean Y, Sinambela A, Sinaga J, Napitupulu J. Infeksi parasit usus di daerah kumuh: suatu infeksi yang terabaikan. 2023;8(3):281–91. <http://formilkesmas.respati.ac.id> - Diakses Februari 2024
9. Rahayu Y. Identifikasi protozoa usus pada anak di Kelurahan Pasie Nan Tigo Kecamatan Koto Tengah Kota Padang. *Jurnal Medika Udayana*. 2023;12(10). <http://ojs.unud.ac.id/index.php/eum67> - Diakses Februari 2024
10. Grondin J, Jamal A, Mowna S, Seto T, Khan W. Interaction between intestinal parasites and the gut microbiota: implications for the intestinal immune response and host defence. *Pathogens*. 2024;13(8):608-624.
11. Gol M, Nabian S, Arabkhazaeli F, Mirjalali H, Bokaei S, Rezaeian M, et al. Study of *Blastocystis sp.* frequency among IBD patients referred to a gastroenterology center. *Iran J Vet Med*. 2018;12(2):117-123.
12. A. Zeibig E. *Clinical parasitology*. 2013. <http://evolve.elsevier.com/Zuibig/parasitology> - Diakses Maret 2024
13. Departemen Parasitologi FKUI. *Buku ajar parasitologi kedokteran*. 4 ed. Susanto I, Ismid I, editor. Jakarta: Badan Penerbit Fakultas Kedokteran Universitas Indonesia; 2017.
14. Resnhaleksmana E, Sutarti E, Agus Wijayanti M. Prevalence and risk factors of intestinal protozoan infection in HIV/AIDS patients in Dr. Sardjito General Hospital Yogyakarta. 2009;01(01):23-34.

15. Jacobus D. Irritable bowel syndrome (IBS) - diagnosis dan penatalaksanaan. *Cermin Dunia Kedokteran*. 2014;41(10):727–32.
16. Mohammad S, Moawad H, Sherif M. Prevalence of intestinal protozoa among patients with in-flammatory bowel disease and irritable bowel syndrome. *Journal of the Egyptian Society of Parasitology*. 2019;49(1):153-162.
17. Shafiei Z, Esfandiari F, Sarkari B, Rezaei Z, Fatahi M, Hosseini A. Parasitic infections in irritable bowel syndrome patients: evidence to propose a possible link, based on a case-control study in the south of Iran. *BMC Res Notes*. 2020;13:264.
18. Kamal A, Rabou R, Sanadeki M. Prevalence and associated risk factors of intestinal parasitic infections among egyptian patients with inflammatory bowel disease. *Parasites and Inflammatory Bowel Diseases*. 2022;262–8.
19. Abdel H, Mostafa N, Farag S, Ibrahim M, Ibrahim B, Rashed H, et al. Human protozoa infection and dysplasia in ulcerative colitis: a neglected aspect in a prominent disease. *Parasitol Res*. 2023;122(11):2709–18.
20. Lepczynska M. The two faces of *Blastocystis sp* : is it the cause of colorectal cancer (CRC) or a consequence of it. *Polish Annals of Medicine*. 2024;1–7.
21. Latif N, Kandil N, Shamsya M, Elwany Y, Ibrahim H. Role of *Cryptosporidium sp* in development of colorectal cancer. *Asian Pacific Journal of Cancer Prevention*. 2023;24(2):667–74.
22. Sulżyc V, Kołodziejczyk L, Jaczewska S, Bielicki D, Safranow K, Bielicki P, et al. Colorectal cancer and *Cryptosporidium sp*. *Infection*. 2018;13(4).
23. Oyeyemi O, Oyeyemi I, Alamukii N, Kone J, Oyerinde O, Anuoluwa I, et al. *Cryptosporidium sp* and colorectal cancer: a review of epidemiology and possible association. *Forum Clin Oncol*. 2021;12(3):61–71.
24. Marzain M, Nofita E, Semiarty R. Identifikasi protozoa usus pada pasien yang sedang menjalani kemoterapi di RSUP Dr M Djamil, Padang. *Jurnal Kesehatan Andalas*. 2018;7. <http://jurnal.fk.unand.ac.id> – Diakses Februari 2024
25. Soares F, Benitez A, Santos B, Loiola S, Rosa S, Nagata W, et al. A historical review of the techniques of recovery of parasites for their detection in human stools. *Revista da Sociedade Brasileira de Medicina Tropical*. 2020;53:1–9.
26. Potes C, Ortiz M. Molecular diagnosis of intestinal protozoa in young adults and their pets in Colombia, South America. *PLoS One*. 2023;18.
27. Kaisar M, Muhyidin M, Anggraini F, Wijaya M, Yolanda H, Surja S, et al. Screening and education of intestinal protozoa infection in elementary school-age children, Penjaringan District, North Jakarta. *Jurnal Pengabdian Kepada Masyarakat*. 2024;8(5):1505–14. <https://journal.unilak.ac.id/index.php/dinamisia/article/view/21596> - Diakses pada Maret 2024

28. Genchi M, Kaminsky R, Montresor A, Magnino S. Bench aids. 2nd ed. WHO; 2019. <http://apps.who.int/bookorders> - Diakses pada Maret 2024
29. Taghipour A, Rayatdoost E, Bairami A, Bahadory S, Abdoli A. Are *Blastocystis hominis* and *Cryptosporidium sp.* playing a positive role in colorectal cancer risk? a systematic review and meta-analysis. *Infectious Agents and Cancer*. 2022;17(32).
30. Afidah N, Zainal F. Systematic review faktor risiko infeksi parasit usus. *Media Gizi Kesmas*. 2021;10(1):165-179.
31. Uribe E, Rosales C. Immune response to the enteric parasite *Entamoeba histolytica*. *American Physiological Society*. 2020;35:244–60.
32. Jasni N, Saidin S, Kin W, Arifin N, Othman N. *Entamoeba histolytica*: membrane and non-membrane protein structure, function, immune response interaction, and vaccine development. *Membranes*. 2022;12.
33. Guillén N. Pathogenicity and virulence of *Entamoeba histolytica*, the agent of amoebiasis. *Virulence*. 2023;14(1).
34. CDC. Amebiasis. CDC-DPDx. 2019. <https://www.cdc.gov/dpdx/amebiasis/index.html> - Diakses Maret 2024
35. Ikbal A, Debnath B, Rajkhowa A, Paul K, Majumder R, Manna K. amoebiasis: an infectious disease caused by *Entamoeba histolytica*. *Asian Journal of Basic Science & Research*. 2022;04(02):32–40.
36. Resnhaleksama E, Wiadnya I. genotipe molekular *Giardia lamblia* pada penduduk asimptomatik di Lombok Barat, Indonesia. *Jurnal Ilmu Kedokteran dan Kesehatan*. 2021;8:432–5.
37. Roshidi N, Hassan N, Hadi A, Arifin N. Current state of infection and prevalence of giardiasis in Malaysia: A review of 20 years of research. 2021;9.
38. Gillespie S, Pearson R. Principles and practice of clinical parasitology. Wiley; 2001.
39. CDC. Giardiasis. CDC-DPDx. 2019. <https://www.cdc.gov/dpdx/giardiasis/index.html> - Diakses Maret 2024
40. Hooshyar H, Rostamkhani P, Arbabi M, Delavari M. *Giardia lamblia* infection: review of current diagnostic strategies. *Gastroenterol Hepatol Bed Bench*. 2019;12(1):3–12.
41. Yu P, Rong J, Zhang Y, Du J. Dysentery caused by *Balantidium coli* in China. *Korean Journal of Parasitology*. 2020;58(1):47–50.
42. Oliveira A, Hernández C, Oliveira K. *Balantidium coli* infection, immune status and comorbidities: literature review. *Journal of Tropical Pathology*; 202;50:265–84.

43. Charisma A, Fernita N, Nabila F. Prevalensi protozoa usus dengan gambaran kebersihan personal pada anak SD di Ngingas Barat, Krian. *Jurnal Analis Kesehatan*. 2020;9(2):67-71.
44. Karang A, Ayudiningsih A, Agung A, Bagus M. Identifikasi dan prevalensi infeksi protozoa saluran cerna anak babi yang dijual di pasar tradisional di wilayah Provinsi Bali. *Buletin Veteriner Udayana*. 2016;8(1):17-24.
45. CDC. Balantidiasis. CDC-DPDx. 2019. <https://www.cdc.gov/dpdx/balantidiasis/index.html> - Diakses April 2024
46. The Medical Letter. Drugs for parasitic infection. Treatment Guidelines. 2013;11.
47. Nemati S, Zali M, Johnson P, Mirjalali H, Karanis P. Molecular prevalence and subtype distribution of *Blastocystis* sp. in Asia and in Australia. *J Water Health*. 2021;19(5):687-704.
48. Lee J, Ryu J. current status of parasite infections in indonesia: a literature review. *Korean J Parasitol*. Agustus 2019;57(4):329-39.
49. CDC. *Blastocystis* sp. CDC-DPDx. 2019. <https://www.cdc.gov/dpdx/blastocystis/index.html> - Diakses April 2024
50. Guilavogui T, Gantois N, Even G, Desramaut J, Dautel E, Denoyelle C, et al. Detection, molecular identification and transmission of the intestinal protozoa *Blastocystis* sp. in Guinea from a large-scale epidemiological study conducted in the conakry area. *Microorganisms*. 2022;10(2).
51. Diani Y, Yunis T, Wahyono M. Determinan infeksi oportunistik kriptosporidiosis pada ODHA di RS Guntur Kabupaten Garut. 2023.
52. Zhang N, Yu X, Zhang H, Cui L, Li X, Zhang X, et al. Prevalence and genotyping of *Cryptosporidium parvum* in gastrointestinal cancer patients. *J Cancer*. 2020;11(11):3334-9.
53. Bouzid M, Kintz E, Hunter P. Risk factors for *Cryptosporidium* sp. infection in low and middle income countries: a systematic review and meta-analysis. *PLoS Negl Trop Dis*. 2018;12(6).
54. Wijayanti T. Kriptosporidiosis di Indonesia. *Balaba: Jurnal Litbang Pengendalian Penyakit Bersumber Binatang Banjarnegara*. 2018;73-82.
55. Sulżyc V, Kołodziejczyk L, Jaczewska S, Bielicki D, Safranow K, Bielicki P, et al. Colorectal cancer and *Cryptosporidium* sp. *Infection*. 2018;13(4).
56. CDC. Cryptosporidiosis. CDC-DPDx. 2019. <https://www.cdc.gov/dpdx/cryptosporidiosis/index.html> - Diakses April 2024
57. Almeria S, Cinar H, Dubey J. *Cyclospora cayetanensis* and cyclosporiasis: an update. *Microorganisms*. 2019;7(9):317.

58. Adem B, Kamber U. *Cyclospora cayetanensis* infection. *Kafkas Journal of Medical Sciences*. 2023;13(3):336–42.
59. Li J, Wang R, Chen Y, Xiao L, Zhang L. *Cyclospora cayetanensis* infection in humans: biological characteristics, clinical features, epidemiology, detection method and treatment. *Parasitology*. 1 Februari 2020;147(2):160–70.
60. CDC. Cyclosporiasis.CDC-DPDx. 2019. <https://www.cdc.gov/dpdx/cyclosporiasis/index.html> - Diakses April 2024
61. Almeria S, Chacin L, Maloney J, Santin M. *Cyclospora cayetanensis*: a perspective (2020–2023) with emphasis on epidemiology and detection methods. *Microorganisms*. 2023;11(9).
62. Galván A, Alzate J, Villegas E, Giraldo S, Botero J, García G. Chronic *Cystoisospora belli* infection in a Colombian patient living with HIV and poor adherence to highly active antiretroviral therapy. *Biomedica*. 2021;41:17–22.
63. Ohno M, Inatomi O, Imai T, Takahashi K, Bamba S, Konishi K, et al. Chronic cystoisosporiasis in an immunocompetent adult: a case report. *Medicine*. 2021;100(10).
64. Dubey J, Almeria S. *Cystoisospora belli* infections in humans: the past 100 years. *Parasitology*. 2019;146:1490–527.
65. Velásquez J, Etchart C, Astudillo O, Chertcoff A, Pantano M, Carnevale S. *Cystoisospora belli*, liver disease and hypothesis on the life cycle. *Parasitol Res*. 2022;121(1):403–11.
66. CDC. Cystoisosporiasis. CDC-DPDx. 2019. <https://www.cdc.gov/dpdx/cystoisosporiasis/index.html> - Diakses April 2024
67. Dubey J, Evason K, Walther Z. Endogenous development of *Cystoisospora belli* in intestinal and biliary epithelium of humans. *Parasitology*. 2019;146(7):865–72.
68. Jones D. The Colon. *Teach Me Anatomy*. 2022. <https://teachmeanatomy.info/abdomen/gi-tract/colon/> - Diakses April 2024
69. Miftahussuhur M, Rezkitha Y. Buku ajar aspek diagnosis dan terapi terkini kanker kolorektal. Miftahussurur M, Sugihartono T, editor. Surabaya: Airlangga University Press. 2020: 23–30.
70. Djojoningrat D. Pendekatan klinis penyakit gastrointestinal. Dalam: Setiati S, Alwi I, Setiyohadi B, editor. *Buku Ajar Ilmu Penyakit Dalam*. 6th ed. Jakarta: Interna Publishing; 2015.
71. Canavan C, West J, Card T. The epidemiology of irritable bowel syndrome. *Clinical Epidemiology*. 2014;6:71–80.

72. Lacy B, Pimentel M, Brenner D, Chey W, Keefer L, Long M, et al. ACG clinical guideline: management of irritable bowel syndrome. *American Journal of Gastroenterology*. 2021;116(1):17–44.
73. Fernanda E, Kurniawan A. Factors affecting irritable bowel syndrome in medical students. *Indones J Gastroenterol Hepatol Dig Endosc*. 2020;21(2):95-98.
74. Kesuma Y, Sekartini R, Timan IS, Kurniawan A, Bardosono S, Firmansyah A, et al. Irritable bowel syndrome in Indonesian adolescents. *J Pediatr*. 2021;97(2):197–203.
75. Black C, Ford A. Global burden of irritable bowel syndrome: trends, predictions and risk factors. *Nature Reviews Gastroenterology and Hepatology*. 2020;17:473–86.
76. Ford A, Sperber A, Corsetti M, Camilleri M. Irritable bowel syndrome. *The Lancet*. 2020;396:1675–88.
77. Vasant D, Paine P, Black C, Houghton L, Everitt H, Corsetti M, et al. British society of gastroenterology guidelines on the management of irritable bowel syndrome. *Gut*. 2021;70(7):1214–40.
78. Aniwan S, Santiago P, Loftus E, Park SH. The epidemiology of inflammatory bowel disease in Asia and Asian immigrants to Western countries. *United European Gastroenterology Journal*. 2022;10:1063–76.
79. Muzammil M, Fariha F, Patel T, Sohail R, Kumar M, Khan E, et al. Advancements in inflammatory bowel disease: a narrative review of diagnostics, management, epidemiology, prevalence, patient outcomes, quality of life, and clinical presentation. *Cureus*. 2023;15(6).
80. Siwy P, Gosal F. Penyakit Crohn: laporan kasus. *Medical Scope Journal*. 2020;2(1):7-16.
81. Simadibrata M, Adiwinata R. Current issues of gastroenterology in Indonesia. *Acta Med Indonesia*. 2017;49.
82. Lamb C, Kennedy N, Raine T, Hendy P, Smith P, Limdi J, et al. British society of gastroenterology consensus guidelines on the management of inflammatory bowel disease in adults. *Gut*. 2019;68:106.
83. Nakase H, Uchino M, Shinzaki S, Matsuura M, Matsuoka K, Kobayashi T, et al. Evidence-based clinical practice guidelines for inflammatory bowel disease 2020. *Journal of Gastroenterology*. 2021;56:489–526.
84. Li X, Hu M, Wang Z, Liu M, Chen Y. Prevalence of diverse colorectal polyps and risk factors for colorectal carcinoma in situ and neoplastic polyps. *J Transl Med*. 2024;22(1).
85. Shussman N, Wexner S. Colorectal polyps and polyposis syndromes. *Gastroenterology Report*. 2014;2:1–15.

86. Colon polyps. Mayo Clinic. 2023. <https://www.mayoclinic.org/diseases-conditions/colon-polyps/symptoms-causes/syc-20352875> - Diakses April 2024
87. Ditunno I, Novielli D, Celiberto F, Rizzi S, Rendina M, Ierardi E, et al. Molecular pathways of carcinogenesis in familial adenomatous polyposis. *Int J Mol Sci.* 2023;24(6):5687.
88. Cowan M, Silveira M. Management of rectal polyps. *Clin Colon Rectal Surg.* 2016;29(4):315–20.
89. Marks J. Colon polyps. 2024. https://www.medicinenet.com/colon_polyps/article.htm - Diakses April 2024
90. Sheikh Z. Colon Polyps. 2024. <https://www.webmd.com/colorectal-cancer/colon-polyps-basics> - Diakses April 2025
91. Rompis A, Nyoman A. Aspek genetik kanker kolorektal. *Jurnal Sains dan Kesehatan.* 2020;2(3):236–45.
92. Putranto A. Manajemen kanker kolorektal. *Medicinus.* 2022;35(3):3–10.
93. Ciardiello F, Ciardiello D, Martini G, Napolitano S, Tabernero J, Cervantes A. Clinical management of metastatic colorectal cancer in the era of precision medicine. *CA Cancer J Clin.* Juli 2022;72(4):372–401.
94. Rudiman R. Pendekatan komprehensif kanker kolorektal. Wandana D, editor. Surabaya: CV Jakad Media Publishing; 2023:3–24.
95. Hossain M, Karuniawati H, Jairoun A, Urbi Z, John A, et al. Colorectal cancer: a review of carcinogenesis, global epidemiology, current challenges, risk factors, preventive and treatment strategies. *Cancers.* 2022;14.
96. Aune D, Chan D, Lau R, Vieira R, Greenwood D, Kampman E, et al. Dietary fibre, whole grains, and risk of colorectal cancer: systematic review and dose-response meta-analysis of prospective studies. *BMJ.* 2011;343:1082.
97. Kuipers E, Grady W, Lieberman D, Seufferlein T, Sung J, Boelens P, et al. Colorectal cancer. *Nat Rev Dis Primers.* 2015;1.
98. Gude S, Veeravalli R, Vejandla B, Chintagumpala V. Colorectal cancer diagnostic methods: the present and future. *Cureus.* 2023;15(4).
99. Athiyah U, Muhimmah I, Marfianti E. Ekstraksi ciri polip dan pendarahan berdasarkan citra endoskopi kolorektal. *Jurnal Informatika.* 2018;03(01).
100. Sato Y, Tsujinaka S, Miura T, Kitamura Y, Suzuki H, Shibata C. Inflammatory bowel disease and colorectal cancer: epidemiology, etiology, surveillance, and management. *Cancers.* 2023;15.
101. Sulżyc V, Kołodziejczyk L, Adamska M, Skotarczak B, Jaczewska S, Safranow K, et al. Colorectal cancer and *Blastocystis sp.* infection. *Parasit Vectors.* 2021;14(1).

102. Aswan N, Hanriko R. Faktor risiko kanker kolorektal. *Medula*. 2023;13.
103. Aune D, Chan D, Lau R, Vieira R, Greenwood D, Kampman E, et al. Dietary fibre, whole grains, and risk of colorectal cancer: systematic review and dose-response meta-analysis of prospective studies. *BMJ*. 2011;343:1082.
104. Christina S, Makmaker M. Prevalensi Polip Kolorektal di RSUD Tarakan tahun 2010-2016. *Jurnal Kedokteran Meditek*. 2019;25:41–5.
105. Esteghamati A, Khanaliha K, Bokharaei-Salim F, Sayyahfar S, Ghaderipour M. Prevalence of intestinal parasitic infection in cancer, organ transplant and primary immunodeficiency patients in Tehran, Iran. *Asian Pacific Journal of Cancer Prevention*. 2019;20(2):495–501.
106. Duijster J, Franz E, Neefjes J, Mughini L. Bacterial and parasitic pathogens as risk factors for cancers in the gastrointestinal tract: a review of current epidemiological knowledge. *Frontiers in Microbiology*. 2021;12.
107. Mirjalali H, Abbasi M, Naderi N, Hasani Z, Mirsamadi E, Stensvold C, et al. Distribution and phylogenetic analysis of *Blastocystis* sp. subtypes isolated from IBD patients and healthy individuals in Iran. *European Journal of Clinical Microbiology and Infectious Diseases*. 2017;36(12):2335–42.
108. Yamamoto J, Torijano E. Prevalence and impact on clinical disease course. *Digestion*. 2010;82(1):18–23.
109. Pestechian N, Tavakoli S, Adibi P, Safa A, Parsaei R, Yousefi H. Prevalence of intestinal protozoan infection in patients with ulcerative colitis (UC) in Isfahan, Iran. *Int J Prev Med*. 2021;12(1).
110. Soylu M, Ekici A, Aydemir S, Yürektürk Ş, Akkaş Ö. A Parasite that should not be neglected in patients with ulcerative colitis: *Entamoeba histolytica*. *Turkiye Parazitoloj Derg*. 2025;48(4):251–5.
111. Slwmeel A, Waseel H. Study of some immunological markers of people with parasitic infestation and their relationship to colorectal cancer. *Medico-legal Update*. 2021;21(2):82-88.
112. Tocci S, Das S, Sayed I. An update on *Blastocystis* sp: possible mechanisms of blastocystis-mediated colorectal cancer. *Microorganisms*. 2024;12.
113. Mahmoudvand H, Sepahvand A, Khatami M, Moayyedkazemi A. Prevalence and associated risk factors of *Cystoisospora belli* and *Cyclospora cayentanensis* infection among Iranian patients with colorectal cancer. *Journal of Parasitic Diseases*. 2019;43(3):402–5.
114. Bahadorizadeh L, Khanaliha K, Ghorbandoust S, Bokharaei F, Minaeian S, Khodakarim N, et al. Prevalence and molecular identification of protozoan intestinal parasitic infections in cancer patients and a control group. *BMC Infect Dis*. 2024;24(1):1355.