

## DAFTAR PUSTAKA

1. Belleza ML, Cadacio JL, Borja MP, Solon JA, Padilla MA, TongolRivera PN, et al. Epidemiologic study of blastocystis infection in an urban community in the philippines. *J. Environ. Public Health.* 2015; 1: 1-7.
2. Tan KSW. New insights on classification, identification, and clinical relevance of blastocystis spp. *Clin. Microbiol. Rev.* 2008; 21: 639-65.
3. Jiménez PA, Jaimes JE, Ramírez JDA. Summary of blastocystis subtypes in North and South America. *Parasites and Vectors.* 2019; 12: 1-9.
4. Mohamed AM., Ahmed MA, Ahmed SA, Al-Semany SA, Alghamdi SS, Zaglool DA. Predominance and association risk of Blastocystis hominis subtype I in colorectal cancer : a case control study. 2017; 1-8.
5. Carolina AR, Halleyantoro H, Dewi DP. Perbandingan prevalensi infeksi Blastocystis hominis pada anak dengan diare dan tidak diare di Randudongkal. *JKD.* 2019; 8(1): 20-25.
6. Destifani NL, Yuwono E, Siagian FE, Wahyuningsih R. Profil dan Prevalensi Blastocystis hominis di Laboratorium Parasitologi Fakultas Kedokteran Universitas Kristen Indonesia. *Maj. Kedokt. UKI.* 2021; 36: 55–62.
7. Pramestuti N, Saroh D. Blastocystis hominis: protozoa usus potensial penyebab diare. *Sel Jurnal Penelitian Kesehatan.* 2017; 4, 1-12.
8. Popruk N, Prasongwattana S, Mahittikorn A, Palasuwann A, Popruk S, Palasuwann D. Prevalence and subtype distribution of blastocystis infection in patients with diabetes mellitus in Thailand. *Int. J. Environ. Res. Public Health.* 2020; 17(23): 8877.
9. Nofita E, Harminarti N, Rusjdi SR. Identifikasi blastocystis hominis secara mikroskopis dan pcr pada sampel feses di laboratorium rsup. Dr. M. Djamil padang. *Maj. Kedokt. Andalas.* 2015; 37:26.
10. Dagci H, Kurt O, Demirel M., Mandiracioglu A, Aydemir S, Saz U, et al. Epidemiological and diagnostic features o f blastocystis infection in symptomatic patients in izmir province, turkey. *Iran. J. Parasitol.* 2014; 9(4): 519-29.
11. Roberts T, Stark D, Harkness J, Ellis J. Update on the pathogenic potential and treatment options for *Blastocystis sp.* *Gut Pathog.* 2014; 6: 1-9
12. Mahendra D, Suwanti LT, Retno ND, Musfasirin M., Suprihati E, Yuniarti WM, et al. Deteksi molekuler *Blastocystis sp.* pada babi terinfeksi di Kabupaten Tabanan dan Badung, Provinsi Bali, Indonesia. *J. Vet.* 2020; 21: 227-33.
13. Long H, Handschack A, König W, Ambrosch A. Blastocystis hominis

- modulates immune responses and cytokine release in colonic epithelial cells. Parasitol. Res. 2001; 87(12): 1029-30.
14. Wawrzyniak I, Poirier P, Viscogliosi E, Dionigia M, Texier C, Delbac F, et al. *Blastocystis*, an unrecognized parasite: An overview of pathogenesis and diagnosis. Ther. Adv. Infect. Dis. 2013; 1(5): 167-78.
  15. Elsafadi D, Cian A, Nourrisson C, Pereira B, Morelle C, Bastien P, et al. Prevalence, risk factors for infection and subtype distribution of the intestinal parasite *Blastocystis sp.* from a large-scale multi-center study in France. BMC Infect. Dis. 2016; 16(1): 451.
  16. Kumarasamy V, Anbazhagan D, Subramaniyan V, Vellasamy S. *Blastocystis sp.*, parasite associated with gastrointestinal disorders: An overview of its pathogenesis, immune modulation and therapeutic strategies. Curr. Pharm. Des. 2018; 24 (27): 3172-75.
  17. Clark CG, vandergiezen M, Alfellani MA, Stensvold CR. Recent developments in blastocystis research. Advances in Parasitology. 2013; 8:1-32.
  18. Kosik Bogacka, Małgorzata Lepczyńska, Karolina Kot, Małgorzata Szkup, Natalia Łanocha, Ewa Dzika, et al. Prevalence, subtypes and risk factors of *Blastocystis* spp. infection among pre-and perimenopausal women. BMC Infect. Dis. 2021; 21:1125.
  19. Yason JA, Liang YR, Png CW, Zhang Y, Tan KSW. Interactions between a pathogenic blastocystis subtype and gut microbiota: In vitro and in vivo studies. Microbiome. 2019; 7(1): 30.
  20. Yason JA, Tan KSW. Membrane surface features of blastocystis subtypes. Genes (Basel). 2018; 9(8): 417.
  21. Elwakil HS, Hewedi IH. Pathogenic potential of *blastocystis hominis* in laboratory mice. Parasitol. Res. 2010; 107(3): 685-89.
  22. Haikal M, Soleha TU, Lisiswanti R. Hubungan jumlah leukosit darah dan pemeriksaan mikroskopis feses terhadap penyebab infeksi pada penderita diare akut usia 2 – 5 tahun yang dirawat di rsud ahmad yani kota metro. J. Medula. 2020; 10: 98-103.
  23. Gil GS, Chaudhari S, Shady A, Caballes A, Hong J. *Blastocystis sp.* infection mimicking clostridium difficile colitis . Case Rep. Infect. Dis. 2016: 7264387.
  24. Aman MCU, Manoppo JIC, Wilar R. Gambaran gejala dan tanda klinis diare akut pada anak karena *blastocystis hominis*. e-CliniC. 2015; 3(1): 1-7.
  25. Khoshnood S, Rafiei A, Saki J, Alizadeh K. Prevalence and genotype characterization of *blastocystis hominis* among the Baghmalek people in southwestern Iran in 2013 - 2014. Jundishapur J. Microbiol. 2015; 8(10): 4

26. Andriyani Y, Rozi MF, Saragih MF, Darlan DM. Chronic diarrhea caused by *blastocystis hominis* and *cryptosporidium* sp . in immunocompetent patient-a case report. IOP Conference Series: Earth and Environmental Science.2018; 125: 1-5.
27. Beyhan YE, Yilmaz H, Cengiz ZT, Ekici A. Clinical significance and prevalence of *blastocystis hominis* in Van, Turkey. Saudi Med.2015; 36(9): 1118-21
28. Idris NS, Dwipoerwantoro PG, Kurniawan A, Said M. Intestinal parasitic infection of immunocompromised children with diarrhoea: Clinical profile and therapeutic response. J. Infect. Dev. Ctries.2010; 4(5): 309-317.
29. Popruk S, Pintong AR, Radomyos P. Diversity of *blastocystis* subtypes in humans. J Trop Med Parasitol. 2013; 36: 88-97.
30. Ronny R. *Blastocystis hominis* pada wisatawan. Maj. Kedokt. UKI. 2018; 34: 190-99.
31. Stensvold CR, Suresh GK, Tan KSW, Thompson RCA, Traub RJ, Viscogliosi E, et al. Terminology for *blastocystis* subtypes—a consensus. Trends in Parasitology. 2007; 23(3): 93-6.
32. McHardy IH, Wu M, Shimizu-Cohen R, Roger M, Humphries RM. Detection of intestinal protozoa in the clinical laboratory. J. Clin. Microbiol. 2014; 52(3): 712-20.
33. Robles-Cabrera MX, Maguiña JL, Gonzales-Huerta L, Panduro-Correa V, Dámaso-Mata B, Pecho-Silva S, et al. *Blastocystis* species and gastrointestinal symptoms in peruvian adults attended in a public hospital. Infect. Chemother. 2021; 53(2): 374-80.
34. Bálint A, Dóczki I, Bereczki L, Gyulai R, Szűcs M, Farkas K, et al. Do not forget the stool examination! - Cutaneous and gastrointestinal manifestations of *Blastocystis* sp. infection. Parasitol. Res. 2014; 113(4): 1585-90.
35. Coyle CM, Varughese J, Weiss LM, Tanowitz HB. *Blastocystis*: to treat or not to treat. Clin. Infect. Dis. 2012; 54: 105-10.
36. Elghareeb AS, Younis MS, Elfakahany AF, Nagaty IM, Nagib MM. Laboratory diagnosis of *blastocystis* spp. in diarrheic patients. Trop. Parasitol.2015; 5: 36-41.
37. Sari IP, Benung MR, Wahdini S, Kurniawan A. Diagnosis and identification of *blastocystis* subtypes in primary school children in Jakarta. J. Trop. Pediatr.2018; 64(3): 208-14.
38. Santos HJ, Rivera WL. Comparison of direct fecal smear microscopy, culture, and polymerase chain reaction for the detection of *Blastocystis* sp. in human stool samples. Asian Pac. J. Trop. Med. 2013; 6(10): 780-84.

39. Sekar U, Shanthi M. Blastocystis: Consensus of treatment and controversies. *Trop. Parasitol.* 2013; 3: 35-39.
40. Anderson SC, Poulsen KB. Atlas of hematology. 2nd ed. Philadelphia: Wolters Kluwer-Lippincott Williams & Wilkins; 2014.
41. Aiba S, Manalu W, Suprayogi A, Maheshwari H. Gambaran Nilai Hematologi Tikus Putih Betina Dara pada Pemberian Tombong Kelapa. *Acta Vet. Indones.* 2016; 4 : 74-81.
42. Hoffbrand AV, Moss PAH. Essential haematology. 6th ed. London: WileyBlackwell; 2012.
43. Riley LK, Rupert J. Evaluation of patients with leukocytosis. *Am. Fam. Physician.* 2015; 92(11): 1004-11.
44. Damayanti NA, Wibowo H, Djauzi S. Infeksi protozoa usus memberikan profil respons imun yang berbeda. *Maj. Kesehat. Pharmamedika.* 2018; 9: 14-19.
45. Defaye M, Nourrisson C. Efficient and reproducible experimental infections of rats with *Blastocystis* spp. *PLoS One.* 2018; 13: 1
46. Upa FT, Saroyo S, Katili DY. Komposisi pakan tikus ekor putih di kandang. *J. Ilm. Sains.* 2017; 17: 7.
47. Viana MT, Perez MC, Ribas VR, Martins GF, de Castro CMMB. Leukocyte, red blood cell and morphological adaptation to moderate physical training in rats undernourished in the neonatal period. *Rev. Bras. Hematol. Hemoter.* 2012; 34: 285-91.
48. Gandasoebrata R. Penuntun laboratorium klinik. 15th ed. Jakarta: Dian Rakyat; 2011.
49. Zuraidawati Z, Darmawi D, Sugito S. Jumlah Leukosit dan Eritrosit Tikus Putih (*Rattus norvegicus*) yang di beri Ekstrak Etanol Bunga Sirsak. *Pros. Semin. Nas. Biot.* 2019; 588-593.
50. Cheng HS, Guo YL, Shin JW. Hematological effects of *Blastocystis hominis* infection in male foreign workers in Taiwan. *Parasitol. Res.* 2003; 90 : 48-51.
51. Rosita L. Hematologi Dasar. Yogyakarta: Universitas Islam Indonesia; 2019.
52. Sartono S. Hang Tuah Medical Journal. Surabaya: Universitas Hang tuah; 2008
53. Nurliyani N, Julia M, Harmayani E. Respon Imun Mukosa dan Seluler Pada Tikus Dengan Infeksi *Salmonella Typhimurium*. *J. Teknol dan Industri Pangan.* 2013; 1:24