

DAFTAR PUSTAKA

1. Ali M, Abbas F, Shah AA. Factors associated with prevalence of diarrhea among children under five years of age in Pakistan. *Child Youth Serv Rev* 2022; 132: 106303.
2. Getahun W, Adane M. Prevalence of acute diarrhea and water, sanitation, and hygiene (WASH) associated factors among children under five in Woldia Town, Amhara Region, northeastern Ethiopia. *BMC Pediatr* 2021; 21: 227.
3. Tantri D, Mawarni D, Marpaung F, Purba HN. Epidemiologi penyakit diare. *Jurnal Kesehatan* 2023; 1: 36–42.
4. Juffrie M, Soenarto SSY, Oswari H. Diare akut. In: Subagyo B SN (ed) *Buku Ajar Gastroenterologi-Hepatologi*. 2012, pp. 87–120.
5. Utami N, Luthfiana N. Faktor-faktor yang memengaruhi kejadian diare pada anak. *Majority* 2016; 5: 101–106.
6. Koletzko S, Osterrieder S. Akute infektiöse durchfallerkrankung im kindesalter. *Deutsches Arzteblatt* 2009; 106: 539–48.
7. Markowiak P, Ślizewska K. Effects of probiotics, prebiotics, and synbiotics on human health. *Nutrients*; 2019; 9.1021
8. Bor S, Ener, Dinleyici C. Latest advances in the use of probiotics/synbiotics for acute infectious diarrhea in children. *Biotascope* 2016; 3: 1–33.
9. Watson RR, Preedy VR. Probiotics, prebiotics, and synbiotics. *Elsevier* 2016; 10–11.
10. Latif A Sanszaawim. Probiotics: mechanism of action, health benefits and their application in food industries. *Front Microbiol*; 2023; 14.
11. Adlerova L, Bartoskova A, Faldyna M. Lactoferrin a review. *Vet Med (Praha)* 2008; 53: 457–68.
12. Permaesih D, Hardinsyah, Tanumihardjo. Kadar S-IgA dan lactoferrin ASI. 2009; 32: 1–9.
13. Levay PF, Viljoen M. Lactoferrin: a general review the detection of blood contamination in human follicular fluid view project probiotika view project. *Hematologica* 1995; 80: 252–67.
14. Hayakawa T, Jin CX, Ko SBH, Kitagawa M, Ishiguro H. Lactoferrin in gastrointestinal disease. *Internal Medicine* 2009; 48: 1251–4.
15. Zhang Yu, Lu C, Zhang J. Lactoferrin and its detection methods: A review. *Nutrients*; 13.
16. Manalip D, Warouw SM, Ch Manoppo. Hubungan antara patogen usus dengan kadar laktoferin tinja pada anak dengan diare akut. *Sari Pediatri. Bagian Ilmu Kesehatan Anak JI*. 2015.(2);17.
17. Lai HH, Chiu CH, Kong MS, Chang CJ, Chen CC. Probiotic lactobacillus casei: effective for managing childhood diarrhea by altering gut microbiota and attenuating fecal inflammatory markers. *Nutrients* 2019; 11: 1150.

18. Schertzer K, Garmel GM. Acute infectious diarrhea. *Emerg Manag Infect Dis* 2008; 73– 82.
19. Permatasari DP. Perbedaan durasi penyembuhan diare balita yang diberikan zink. Fakultas Kedokteran Universitas Diponegoro, 2012. 1-16.
20. Radlović N, Leković Z, Vuletić B, Radlovic V, Simic D. Acute diarrhea in children. *Srp Arh Celok Lek* 2015; 143: 755–62.
21. Petri WA, Miller M, Binder HJ, Levine MM, Dillingam, Guerrant RL. Enteric infections, diarrhea, and their impact on function and development. *Journal of Clinical Investigation* 2008; 118: 1277–90.
22. WHO. *Buku Saku Pelayanan kesehatan Anak di rumah sakit*. 1st ed. World Health Organisation, 2009.
23. Yazar AS, Guven Ş, Dinleyici EÇ. Effects of zinc or synbiotic on the duration of diarrhea in children with acute infectious diarrhea. *Turkish Journal of Gastroenterology* 2016; 27: 537–40.
24. Kusumoindiah PM. Perbedaan lama diare pada penderita diare akut yang diterapi dengan zink dan probiotik. Universitas sebelas maret, 2009.(1); 20-5.
25. Depoorter L, Vandenplas Y. Probiotics in pediatrics; A review and practical guide. *Nutrients*; 2021; 13.
26. Ahmed RR, Ghafoor MA, Kazi Y, Bai C. Role of synbiotic (combination of pre and probiotic) in the management and prevention of acute watery diarrhoea. *World Appl Sci J* 2014; 32: 226–30.
27. Stephen B. Freedman, Sarah WU, Farion K, Gouin S, Willan AR, Poonai N, *et al*. Multicenter Trial of a Combination Probiotic for Children with Gastroenteritis. *Engl J Med*. 2018; (21) 379.
28. Kusumoindiah PM. Perbedaan Lama Diare pada Penderita Diare Akut yang Diterapi dengan Zink dan Probiotik. *Jurnal Ilmiah Medicamento*, 2020; (1);1.
29. Xiao L, Gong C, Ding Y, Ding G, Xu X, Deng C, *et al*. Probiotics maintain intestinal secretory immunoglobulin A levels in healthy formula-fed infants: A randomised, double- blind, placebo-controlled study. *Benef Microbes* 2019; 10: 729–39.
30. Bermudez-Brito M. Probiotic mechanisms of action. *Ann Nutr Metab* 2012; 61: 160–74.
31. Pärtty A. Probiotics on pediatric functional gastrointestinal disorders. *Nutrients* 2018; 10: 1–14.
32. Anbari K. Probiotics and gastrointestinal diseases: A promising complementary medicine resource for treatment of gastrointestinal disorders and diseases. *J Pharm Pharmacogn Res* 2019; 7: 193–9.
33. Gomaa EZ. Human gut microbiota/microbiome in health and diseases: a review. *Int J Gen Mol Microbiol* 2020; 113: 2019–40.
34. Gomaa EZ. Human gut microbiota/microbiome in health and diseases: a review. *Int J Gen Mol Microbiol* 2020; 113: 2019–40.

35. Holzapfel WH, Haberer P, Geisen R, Bjorkroth J, Schillinger U. Taxonomy and important features of probiotic microorganisms in food and nutrition. *Am J Clin Nutr* 2001; 73.
36. Skrzydło-Radomańska B, Prozorow-Król B, Cichoż-Lach H, Majsiak E, Bierla JB, Kosikowski W, *et al.* The effectiveness of synbiotic preparation containing lactobacillus and bifidobacterium probiotic strains and short chain fructooligosaccharides in patients with diarrhea predominant irritable bowel syndrome—a randomized double-blind, placebo-controlled study. *Nutrients* 2020; 12: 1–19.
37. Khusnah A. Deteksi molekuler lactobacillus sp pada mencit diare pasca pemberian sinbiotik. Universitas Islam Negeri Maulana Malik Ibrahim, 2019.(1)
38. Chang R, Bun Ng T, Sun W-Z. Lactoferrin as potential preventative and treatment for COVID-19. *Int J Antimicrob.* 2020; (5), 36.
39. Sharma D. Lactoferrin and its role in neonatology: a review article. *J Pediatr Neonatal Care*; 2015; 2.
40. Kell DB, Heyden EL, Pretorius E. The biology of lactoferrin, an iron-binding protein that can help defend against viruses and bacteria. *Front Immunol* 2020; 11: 1–15.
41. Rosa L, Cutone A, Lepanto MS, Paesano R, Valenti P. Lactoferrin: A natural glycoprotein involved in iron and inflammatory homeostasis. *Int J Mol Sci*; 2017; 18.
42. Mayeur S, Spahis S, Pouliot Y, Levy E. Lactoferrin, a pleiotropic protein in health and disease. *. Antioxidants Redox Signal* 2016; 24: 813–36.
43. Manzoni P. Clinical benefits of lactoferrin for infants and children. *Journal of Pediatrics* 2016; 173: 43–52.
44. Walker TÄR, Land ML, Kartashov A, Saslowsky TM, Lysterly DM, Boone JH, *et al.* Fecal lactoferrin is a sensitive and specific marker of disease activity in children and young adults with inflammatory bowel disease. *J Pediatr Gastroenterol.* 2007. (4); 412-22.
45. Huicho L, Garaycochea V, Uchima N, Zerpa R, Guerrant RL. Fecal lactoferrin, fecal leukocytes and occult blood in the diagnostic approach to childhood invasive diarrhea. *Pediatr Infect Dis J* 1997; 16: 644–7.
46. Pfefferkorn M, Boone J, Steiner S. Fecal lactoferrin n children with gastrointestinal symptoms. *J Pediatr Gastroenterol Nutr* 2006; 43: 39.
47. Buderus S, Lentze M, Boone J. Fecal lactoferrin: reliable inflammatory marker in pediatric IBD. *J Pediatr Gastroenterol Nutr* 2006; 43: 39.
48. Pang T, Leach ST, Katz T, Day AS, Ooi CY. Fecal Biomarkers of Intestinal Health and Disease in Children. *Front Pediatr*; 2. Epub ahead of print 2014. DOI: 10.3389/fped.2014.00006.
49. Chen C-C. Usefulness of fecal lactoferrin in predicting and monitoring the clinical severity of infectious diarrhea. *World J Gastroenterol* 2011; 17: 4218.
50. Kane S V, Sandborn WJ, Rufo PA, Zholudev A, Boone J, Lysterly S, *et al.* Fecal Lactoferrin Is A Sensitive and Specific Marker in Identifying Intestinal Inflammation. *American Journal of Gastroenterology* 2003; 98: 1309–14.

51. Anggraini D, Kumala O. Diare Pada Anak. *Scientific Journal* 2022; 1: 309–17.
52. Mandomando M, Bio E, Macete V, Ruiz J, Sanz S, Abacassamo F, *et al.* Etiology of diarrhea in children younger than 5 years of age admitted in a rural hospital of southern mozambique ina'cioina'ina'cio. *Am J Trop Med Hyg.* 2008; 79 (1):140.
53. Abuzerr S, Nasser S, Yunesian M, Hadi M, Mahvi AH, Nabizadeh R, *et al.* Prevalence of diarrheal illness and healthcare-seeking behavior by age-group and sex among the population of Gaza strip: a community-based cross-sectional study. *BMC Public Health* 2019; 19: 704.
54. Jarman AF, Long SE, Robertson SE, Nasrin S, Alam NH, McGregor AJ, *et al.* Sex and gender differences in acute pediatric diarrhea: a secondary analysis of the dhaka study. *J Epidemiol Glob Health* 2018; 8: 42.
55. Ganguly E, Sharma PK, Bunker CH. Prevalence and risk factors of diarrhea morbidity among under-five children in India: A systematic review and meta-analysis. *Indian J Child Health (Bhopal)* 2015; 2: 152–60.
56. Tickell KD, Pavlinac PB, John-Stewart GC, Denno DM, Richardson BA, Naulikha JM, *et al.* Impact of Childhood Nutritional Status on Pathogen Prevalence and Severity of Acute Diarrhea. *Am J Trop Med Hyg* 2017; 97: 1337–44.
57. Alebel A, Tesema C, Temesgen B, Gebrie A, Petrucka P, Kibret GD. Prevalence and determinants of diarrhea among under-five children in Ethiopia: A systematic review and meta-analysis. *PLoS One* 2018; 13.
58. Langhorst J, Elsenbruch S, Koelzer J, Rueffer A, Michalsen A, Dobos GJ. Noninvasive markers in the assessment of intestinal inflammation in inflammatory bowel diseases performance of fecal lactoferrin, calprotectin, and pmn-elastase, crp, and clinical indices. *American Journal of Gastroenterology* 2008; 103: 162–9.
59. Ruiz-Peláez, Juan Gabriel, Mattar. Accuracy of fecal lactoferrin and other stool tests for diagnosis of invasive diarrhea at a Colombian pediatric hospital. *Pediatr Infect Dis J* 1999; 18: 342–6.
60. Szajewska H, Mrukowicz JZ. Use of probiotics in children with acute diarrhea. *Pediatric Drugs* 2005; 7: 111–22.
61. Schnadower D, O'Connell KJ, VanBuren JM, Vance C, Tarr PI, Schuh S. Association between diarrhea duration and severity and probiotic efficacy in children with acute gastroenteritis. *American Journal of Gastroenterology* 2021; 116: 1523–32.
62. Cheng H, Ma Y, Tian C, Zhong X, Zhao L. A systemic review and meta-analysis: lactobacillus acidipidus for treating acute gastroenteritis in children. *Nutrients* 2022; 14: 682.
63. Chau TTH, Chau NNM, Le NTH, The HC, Vinh PV, To NTN, *et al.* A double-blind, randomized, placebo-controlled trial of lactobacillus acidipidus for the treatment of acute watery diarrhea in vietnamese children. *Pediatr Infect Dis J* 2018; 37: 35–42.

