

DAFTAR PUSTAKA

1. Deb B, Prichard DO, Bharucha AE. Constipation and fecal incontinence in the elderly. *Curr Gastroenterol Rep.* 2020;22(11):1–16.
2. Indah S, Rohmania AZ. Pengaruh konsumsi buah pisang raja, minum air mineral, dan jalan pagi terhadap kejadian konstipasi pada ibu hamil trimester III di BPS Sunarsih Yudhawati. *J Kebidanan.* 2017;5:13–7.
3. LeLeiko NS, Mayer-Brown S, Cerezo C, Plante W. Constipation. *Pediatr Rev.* 2020;41(8):379–92.
4. Bharucha AE, Wald A. Chronic constipation. *Mayo Clin Proc.* 2019;94(11):2340–57.
5. Isnawati F, Nirmalasari N. Gambaran karakteristik kajadian konstipasi berdasarkan nanda 2015-2017 pada remaja di SMAN 1 Sleman Yogyakarta. Universitas Jenderal Achmad Yani Yogyakarta; 2019.
6. Paradifa Sari I, Widya Murni A, Masrul. Hubungan konsumsi serat dengan pola defekasi pada mahasiswi Fakultas Kedokteran Unand Angkatan 2012. *J Kesehat Andalas.* 2016;5(2):425–30.
7. Jannah IN, Mustika A, Puruhito EF. Reduction of constipating scoring system among women aged 18-25 years old as a result of decocted trengguli (*Cassia fistula L.*). *J Vocat Heal Stud.* 2017;1(02):58–62.
8. Diaz S, Bittar K, Mendez MD. Constipation [Internet]. StatPearls Publishing; 2023. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK513291/>
9. Thea F, Sudiarti T, Djokosujono K. Faktor dominan kejadian konstipasi fungsional pada remaja di Jakarta. *J Gizi Klin Indones.* 2020;16(4):129.
10. Piggin J. What is physical activity? a holistic definition for teachers, researchers and policy makers. *Front Sport Act Living.* 2020;2(June):1–7.
11. Ashok P, Kharche JS, Raju R, Godbole G. Metabolic equivalent task assessment for physical activity in medical students. *Natl J Physiol Pharm Pharmacol.* 2017;7(3):236–9.
12. Wilson PB. Associations between physical activity and constipation in adult Americans: Results from the National Health and Nutrition Examination Survey. *Neurogastroenterol Motil.* 2020;32(5):1–8.
13. Arum YTG. Hipertensi pada penduduk usia produktif (15-64 tahun). *Higeia J Public Heal Res Dev.* 2019;1(3):84–94.
14. Bull FC, Al-Ansari SS, Biddle S, Borodulin K, Buman MP, Cardon G, et al. World Health Organization 2020 guidelines on physical activity and sedentary behaviour. *Br J Sports Med.* 2020;54(24):1451–62.

15. Strath SJ, Kaminsky LA, Ainsworth BE, Ekelund U, Freedson PS, Gary RA, et al. Guide to the assessment of physical activity: Clinical and research applications: A scientific statement from the American Heart association. *Circulation*. 2013;128(20):2259–79.
16. Sudibjo P, Intan Arovah N, Laksmi Ambardini R. Tingkat Pemahaman Dan Survei Level Aktivitas Fisik, Status Kecukupan Energi Dan Status Antropometrik Mahasiswa Program Studi Pendidikan Kepeleatihan Olahraga Fik Uny. *Medikora*. 2015;11(2):183–203.
17. Dewi C. Hubungan aktivitas fisik dengan konstipasi pada mahasiswa di Sekolah Tinggi Ilmu Kesehatan Makassar. *J Kesehat Masy (J-KESMAS)*. 2021;07(1):2541–4542.
18. Carballo-Fazanes A, Rico-Díaz J, Barcala-Furelos R, Rey E, Rodríguez-Fernández JE, Varela-Casal C, et al. Physical activity habits and determinants, sedentary behaviour and lifestyle in university students. *Int J Environ Res Public Health*. 2020;17(9).
19. Farradika Y, Umniyatun Y, Nurmansyah MI, Jannah M. Perilaku aktivitas fisik dan determinannya pada mahasiswa fakultas ilmu-ilmu kesehatan Universitas Muhammadiyah Prof. Dr. Hamka. *ARKESMAS (Arsip Kesehat Masyarakat)*. 2019;4(1):134–42.
20. Nowak PF, Božek A, Blukacz M. Physical activity, sedentary behavior, and quality of life among university students. *Biomed Res Int*. 2019;2019:1–10.
21. Budianto, Novendy. Hubungan konsumsi serat dengan kejadian konstipasi pada mahasiswa Fakultas Kedokteran Universitas Tarumanagara periode 1-13 Maret 2015. *Tarumanagara Med J*. 2018;1(1):35–40.
22. Yildirim MA, Cakir M, Bicer M, Senturk M, Yonar H, Gur MN, et al. Lifestyle and chronic constipation in medical students. *Gastroenterol Res Pract*. 2021;2021:15–8.
23. Azzahra J. Hubungan asupan serat dengan kejadian konstipasi pada mahasiswa fakultas kedokteran Universitas Muslim Indonesia angkatan 2020. *J Mhs Kedokt*. 2022;2(5):359–67.
24. Octaviani I. Chronic constipation with hemorrhoid at single man. *J Medula Unila*. 2014;3(1):46–55.
25. Indra I, Mutia L, Rezvi. Buku panduan blok mahasiswa. 2023.
26. Endyarni B, Syarif BH. Konstipasi fungsional. *Sari Pediatr*. 2016;6(2):75.
27. Claudina I, Dina R, Kartini A. Hubungan asupan serat makanan dan cairan dengan kejadian konstipasi fungsional pada remaja di SMA Kesatrian 1 Semarang. *J Kesehat Masy*. 2018;6(1):486–95.
28. Sitorus M, Malinti E. Aktivitas fisik dan konstipasi pada lansia advent di bandung. *J Ilm Kesehat Diagnosis*. 2019;14(4):381–4.

29. Roque MV, Bouras E. Epidemiology and management of chronic constipation in elderly patients. *Myocard Infarct A Companion to Braunwald's Hear Dis.* 2017;353–63.
30. Forootan M, Bagheri N, Darvishi M. Chronic constipation. *Medicine (Baltimore).* 2018;1–9.
31. Milosavljevic T, Popovic DD, Mijac DD, Milovanovic T, Krstic S, Krstic MN. Chronic constipation: gastroenterohepatologist's approach. *Dig Dis.* 2022;40(2):175–80.
32. Scott SM, Simrén M, Farmer AD, Dinning PG, Carrington E V., Benninga MA, et al. Chronic constipation in adults: contemporary perspectives and clinical challenges. 1: epidemiology, diagnosis, clinical associations, pathophysiology and investigation. *Neurogastroenterol Motil.* 2021;33(6):1–21.
33. Dharmatika IMP, Nesa NNM, Hartawan INB, Putra IGNS, Karyana IPG. Prevalensi konstipasi dan gambaran asupan serat makanan dan cairan pada anak remaja, Fakultas Kedokteran Universitas Udayana. *J Med Udayana.* 2019;8(7):7–11.
34. Du X, Liu S, Jia P, Wang X, Gan J, Hu W, et al. Epidemiology of constipation in elderly people in parts of China: a multicenter study. *Front Public Heal.* 2022;10(June):1–8.
35. Fransisca Retno Asih. Prevalensi konstipasi pada ibu hamil. *Oksitosin J Ilm Kebidanan.* 2022;9(1):59–66.
36. Sherwood L. *Human physiology: from cells to systems.* 9th ed. Boston: Cengage Learning; 2018. 723.
37. Camilleri M, Ford AC, Mawe GM, Dinning PG, Rao SS, Chey WD, et al. Chronic constipation. *Nat Rev Dis Prim.* 2017;3:1–19.
38. Shafa HAF, Soesanto E, Ernawati E. Kejadian konstipasi pada lansia di post pelayanan terpadu lanjut usia. 2022;05.
39. Yurtdaş G, Acar-Tek N, Akbulut G, Cemali Ö, Arslan N, Beyaz Coşkun A, et al. Risk factors for constipation in adults: a cross-sectional study. *J Am Coll Nutr.* 2020;39(8):713–9.
40. Bytzer P, Howell S, Leemon M, Young LJ, Jones MP, Talley NJ. Low socioeconomic class is a risk factor for upper and lower gastrointestinal symptoms: A population based study in 15 000 Australian adults. *Gut.* 2001;49(1):66–72.
41. Olaru C, Diaconescu S, Trandafir L, Gimiga N, Stefanescu G, Ciubotariu G, et al. Some risk factors of chronic functional constipation identified in a pediatric population sample from romania. *Gastroenterol Res Pract.* 2016;2016.

42. Dehghani SM, Moravej H, Rajaei E, Javaherizadeh H. Evaluation of familial aggregation, vegetable consumption, legumes consumption, and physical activity on functional constipation in families of children with functional constipation versus children without constipation. *Prz Gastroenterol.* 2015;10(2):89–93.
43. Katzung BG. *Farmakologi dasar dan klinik.* 12th ed. Brahm U. Pendit, editor. Jakarta: Penerbit Buku Kedokteran ECG; 2013. 609–629.
44. Kurniasari KHF, Wiedyaningsih C. Evaluasi penggunaan obat analgetik terhadap manajemen nyeri kanker di RSUP Dr. Sardjito periode Oktober 2008- Juni 2009. *Maj Farm.* 2012;8(1):113–9.
45. Yamada M, Sekine M, Tatsuse T. Psychological stress, family environment, and constipation in Japanese children: The toyama birth cohort study. *J Epidemiol.* 2019;29(6):220–6.
46. Hanim B. Analisis penyebab konstipasi pada ibu hamil di wilayah kerja puskesmas payung sekaki pekanbaru. *Heal Care J Kesehat.* 2019;8(1):70–6.
47. Alqudah M, Al-Shboul O, Al-Dwairi A, Al-U'Dat DG, Alqudah A. Progesterone inhibitory role on gastrointestinal motility. *Physiol Res.* 2022;71(2):193–8.
48. Tack J, Müller-Lissner S, Stanghellini V, Boeckxstaens G, Kamm MA, Simren M, et al. Diagnosis and treatment of chronic constipation - a European perspective. *Neurogastroenterol Motil.* 2011;23(8):697–710.
49. Aziz I, Whitehead WE, Palsson OS, Törnblom H, Simrén M. An approach to the diagnosis and management of Rome IV functional disorders of chronic constipation. *Expert Rev Gastroenterol Hepatol.* 2020;14(1):39–46.
50. Drossman DA. Functional gastrointestinal disorders: History, pathophysiology, clinical features, and Rome IV. *Gastroenterology.* 2016;150(6):1262–79.
51. Dupont G, Wahl L, Alcalá Dominguez T, Wong TL, Haładaj R, Wysiadecki G, et al. Anatomy, physiology, and updates on the clinical management of constipation. *Clin Anat.* 2020;33(8):1181–6.
52. JP Kowalak, Welsh W, Mayer B. *Buku Ajar Patofisiologi.* Jakarta: EGC; 2011.
53. Vriesman MH, Koppen IJN, Camilleri M, Di Lorenzo C, Benninga MA. Management of functional constipation in children and adults. *Nat Rev Gastroenterol Hepatol.* 2020;17(1):21–39.
54. Simadibrata M. Konsensus nasional penatalaksanaan konstipasi di Indonesia. Vol. 53, *Journal of Chemical Information and Modeling.* 2010. 1689–1699.

55. Tabbers MM, Diloranzo C, Berger MY, Faure C, Langendam MW, Nurko S, et al. Evaluation and treatment of functional constipation in infants and children: Evidence-based recommendations from ESPGHAN and NASPGHAN. *J Pediatr Gastroenterol Nutr.* 2014;58(2):258–74.
56. Tantiplachiva K, Rao P, Attaluri A, Rao SSC. Digital rectal examination is a useful tool for identifying patients with dyssynergia. *Clin Gastroenterol Hepatol.* 2010;8(11):955–60.
57. Basilisco G, Coletta M. Chronic constipation: A critical review. *Dig Liver Dis.* 2013;45(11):886–93.
58. Stool consistency: Looking beyond the bristol stool form scale. *J Neurogastroenterol Motil.* 2019;25(4):625.
59. Bharucha AE, Pemberton JH, Locke GR. American gastroenterological association technical review on constipation. *Gastroenterology.* 2013;144(1):218–38.
60. Rao SSC, Bharucha AE, Chiarioni G, Felt-Bersma R, Knowles C, Malcolm A, et al. Anorectal disorders. *Gastroenterology.* 2016;150(6):1430-1442.e4.
61. Lacy BE, Mearin F, Chang L, Chey WD, Lembo AJ, Simren M, et al. Bowel disorders. *Gastroenterology.* 2016;150(6):1393–407.
62. Kearney R, Edwards T, Bradford M, Klein E. Emergency provider use of plain radiographs in the evaluation of pediatric constipation. *Pediatr Emerg Care.* 2019;35(9):624–9.
63. Chiarioni G, Kim SM, Vantini I, Whitehead WE. Validation of the balloon evacuation test: reproducibility and agreement with findings from anorectal manometry and electromyography. *Clin Gastroenterol Hepatol.* 2014;12(12):2049–54.
64. Wald A, Bharucha AE, Cosman BC, Whitehead WE. ACG clinical guideline: Management of benign anorectal disorders. *Am J Gastroenterol.* 2014;109(8):1141–57.
65. Slavin J. Dietary guidelines: Are we on the right path? *Nutr Today.* 2015;47(5):245–51.
66. Gao R, Tao Y, Zhou C, Li J, Wang X, Chen L, et al. Exercise therapy in patients with constipation: a systematic review and meta-analysis of randomized controlled trials. *Scand J Gastroenterol.* 2019;54(2):169–77.
67. Ford AC, Moayyedi P, Lacy BE, Lembo AJ, Saito YA, Schiller LR, et al. American college of gastroenterology monograph on the management of irritable bowel syndrome and chronic idiopathic constipation. *Am J Gastroenterol.* 2014;109(SUPPL. 1):S2–26.

68. Black CJ, Ford AC. Chronic idiopathic constipation in adults: Epidemiology, pathophysiology, diagnosis and clinical management. *Med J Aust.* 2018;209(2):86–91.
69. Pannemans J, Masuy I, Tack J. Functional constipation: individualising assessment and treatment. *Drugs.* 2020;80(10):947–63.
70. Sharma A, Rao S. Constipation: pathophysiology and current therapeutic approaches. In Springer International Publishing; 2018. p. 59–74.
71. Sembiring LP. Konstipasi pada kehamilan. *J Ilmu Kedokt.* 2017;9(1):7.
72. Tompuri TT. Metabolic equivalents of task are confounded by adiposity, which disturbs objective measurement of physical activity. *Front Physiol.* 2015;6(Aug):1–6.
73. de Almeida Mendes M, da Silva I, Ramires V, Reichert F, Martins R, Ferreira R, et al. Metabolic equivalent of task (METs) thresholds as an indicator of physical activity intensity. *PLoS One.* 2018;13(7):3.
74. Lavie CJ, Ozemek C, Carbone S, Katzmarzyk PT, Blair SN. Sedentary behavior, exercise, and cardiovascular health. *Circ Res.* 2019;124(5):799–815.
75. Prasetyo Kusumo M. Buku pemantauan aktivitas fisik. Yogyakarta: The Journal Publishing. 2020. 1–43.
76. Araújo CGS de, Mesquita CT. Physical activity, exercise and sport: A five-star path for a better cardiovascular health. *Int J Cardiovasc Sci.* 2019;32(4):313–6.
77. Franklin BA, Eijsvogels TMH, Pandey A, Quindry J, Toth PP. Physical activity, cardiorespiratory fitness, and cardiovascular health: A clinical practice statement of the American Society for Preventive Cardiology Part II: Physical activity, cardiorespiratory fitness, minimum and goal intensities for exercise train. *Am J Prev Cardiol.* 2022;12(September):100425.
78. De Bois M, Amroun H, Ammi M. Energy expenditure estimation through daily activity recognition using a smart-phone. *IEEE World Forum Internet Things, WF-IoT.* 2018;167–72.
79. Amir TL, Pertiwi AD. Hubungan antara aktivitas fisik pada lanjut usia dengan tingkat keseimbangan. *Fisioterapi.* 2021;21.
80. Sun F, Norman IJ, While AE. Physical activity in older people: A systematic review. *BMC Public Health.* 2013;13(1).
81. Sari SE, Kartasurya MI, Pangestuti DR. Anemia dan aktivitas fisik yang ringan mempengaruhi faktor risiko dismenore pada remaja putri. *J Kesehat Masy.* 2018;6:437–44.

82. Sibarani MV, Ulfah R, Afriyanti E. Hubungan aktivitas fisik terhadap konstipasi pada pasien stroke di RS Islam Siti Rahmah Padang. *J Kesehat Andalas*. 2020;8(4):134–7.
83. Kartika Sari AD, Wirjatmadi B. Hubungan aktivitas fisik dengan kejadian konstipasi pada lansia di Kota Madiun. *Media Gizi Indones*. 2016;11(1):40–7.
84. Macêdo MIP, Albuquerque M de FM, Tahan S, Morais MB de. Is there any association between overweight, physical activity, fat and fiber intake with functional constipation in adolescents? *Scand J Gastroenterol*. 2020;55(4):414–20.
85. Nugroho SHP. Hubungan aktivitas fisik Dan konstipasi dengan derajat hemoroid di URJ Bedah RSUD Dr. Seogiri Lamongan. *J Chem Inf Model*. 2016;53(9):1689–99.
86. Dewi ES, Asteria BC, Utami YW. Hubungan sedentary behavior dengan kejadian konstipasi selama pandemi COVID-19. 2021;9(2):219–28.
87. Hartinah D, Karyati S, Rokhani S. Hubungan pola aktivitas fisik dengan konstipasi pada ibu hamil trimester III di Puskesmas Gribig. *J Ilmu Keperawatan dan Kebidanan*. 2019;10(2):350–7.
88. Achamrah N, Delsoglio M, De Waele E, Berger MM, Pichard C. Indirect calorimetry: The 6 main issues. *Clin Nutr*. 2021;40(1):4–14.
89. Bull FC, Maslin TS, Armstrong T. Global physical activity questionnaire (GPAQ): Nine country reliability and validity study. *J Phys Act Heal*. 2009;6(6):790–804.
90. Reynolds RC, Smith VM, Macniven R. Comparison of free-living physical activity data obtained from a Fitbit Zip, the Apple iPhone Health app and a modified Bouchard Activity Record. *Heal Promot J Aust*. 2022;33(1):51–6.
91. Nainggolan GV. Hubungan aktivitas fisik dengan terjadinya konstipasi pada mahasiswa Fakultas Kedokteran Universitas Sumatera Utara angkatan 2020. Universitas Sumatera Utara; 2021.
92. Noli FJ, Sumampouw OJ, Ratag BT. Usia, masa kerja dan keluhan nyeri punggung bawah pada buruh pabrik tahu. *Indones J Public Heal Community Med*. 2021;2:15–21.
93. Artaria MD. Dasar biologis variasi jenis kelamin, gender, dan orientasi seksual. *BioKultur*. 2016;V(2):157–65.
94. Alkahtani SA. Convergent validity: Agreement between accelerometry and the Global Physical Activity Questionnaire in college-age Saudi men. *BMC Res Notes*. 2016;9(1):1–9.

95. Agachan F, Chen T, Pfeifer J, Reissman P, Wexner SD. A constipation scoring system to simplify evaluation and management of constipated patients. *Dis Colon Rectum*. 1996;39(6):681–5.
96. Nurmalitta ED. Hubungan antara aktivitas fisik pada siswa-siswi overweight dengan kualitas hidup di SMA Negeri 1 Jember. Jember. Universitas Jember; 2017.
97. de Abreu GE, Dias Souto Schmitz AP, Dourado ER, Barroso U. Association between a constipation scoring system adapted for use in children and the dysfunctional voiding symptom score in children and adolescents with lower urinary tract symptoms. *J Pediatr Urol*. 2019;15(5):529.
98. Sibarani MV, Ulfah R, Afriyanti E. Gambaran karakteristik pasien stroke yang mengalami konstipasi pasca rawatan. *Ners J Keperawatan*. 2019;15(2):125–9.
99. Yunita S, Hernayanti MR. The optimalization of adolescent health in the era of SDGs. *Jurnal Kesehatan Ibu*. 2017.
100. Karlina E, Fitriani E. Perilaku sehat mahasiswa studi kasus fakultas ilmu sosial Universitas Negeri Padang. *J Perspekt*. 2022;5(4):599–608.
101. Putri Maharani A. Perbedaan faktor risiko konstipasi fungsional pada remaja laki-laki dan perempuan. 2022.
102. Ozturk MH, Kılıc SP. Effective of education on quality of life and constipation severity in patients with primary constipation. *Patient Educ Couns*. 2019;102(2):316–23.
103. Tantawy SA, Kamel DM, Abdelbasset WK, Elgohary HM. Effects of a proposed physical activity and diet control to manage constipation in middle-aged obese women. *Diabetes, Metab Syndr Obes*. 2017;10:513–9.
104. Sugiantoro MI, Surialaga S, Putri M. Hubungan aktivitas fisik dan konsumsi air dengan konstipasi pada mahasiswa kedokteran Universitas Islam Bandung. 2023;5(2):150–4.
105. Moedjiono BJ, Rokhayati E, Putra DA. Hubungan aktivitas fisik dengan konstipasi pada santri pondok pesantren di Kabupaten Sidoarjo. *Plex Med J*. 2023;2(2):70–6.
106. Asmi CU. Gambaran pemenuhan kebutuhan kehamilan pada ibu hamil dengan konstipasi di wilayah kerja puskesmas Tanjungbuni Bangkalan. P3I UMSurabaya. Universitas Muhammadiyah Surabaya; 2018.
107. Adhitya SD. Tingkat aktivitas fisik operator layanan internet mahasiswa Universitas Negeri Yogyakarta. Universitas Negeri Yogyakarta; 2016.