

DAFTAR PUSTAKA

1. World Health Organization. (2018). *Malnutrition—Fact sheet No. 349*. <https://www.who.int/news-room/fact-sheets/detail/malnutrition>
2. Setiati S. Ilmu Penyakit Dalam. Interna Publishing; 2014. 4125–4129 p.
3. Lin X and Li H. Obesity: Epidemiology, Pathophysiology, and Therapeutics. *Front. Endocrinol.* 2021;12:706978.
4. Organização Mundial de Saúde. Monitoring health of the SDGs [Internet]. 2022. p. 1–131. Available from: <http://apps.who.int/bookorders>.
5. Badan Penelitian dan Pengembangan Kesehatan. Laporan Nasional RKD2018 FINAL [Internet]. 2018. Available from: <http://labdata.litbang.kemkes.go.id/images/download>
6. Nimah L. The Incidence of Hypertension in Children and Adolescents With Nutrition Status of Obesity in Surabaya East Java. *J Ilm Kesehat Media Husada. J Ilm Kesehat Media Husada.* 2019;8(2):48–56.
7. Prasetyowati L, Kusumaningtyas S, Tamin TZ. Effect of Body Mass Index on Postural Balance and Muscle Strength in Children Aged 8-10 Years. *J Krishna Inst Med Sci Univ.* 2017;6(2):79–87.
8. Sulistyarini T, Yoshimura A, Anam M, Mexitalia M, Yamauchi T. Hubungan Antara status gizi Dengan Kekuatan Genggaman Tangan Pada Anak-anak di Pedesaan. *Medica Hosp J Clin Med.* 2017;4(3).
9. Banu SA. Meningkatkan Kebugaran Jasmani Anak SD Melalui Latihan Kebugaran Aerobik. *J Univ Sriwij.* 2010;3.
10. Liao KH. Hand Grip Strength in Low, Medium, and High Body Mass Index Males and Females. *Middle East J Rehabil Heal.* 2016;3(1).
11. Steffi M, Chrudimsky J, Tufano JJ. Using Relative Handgrip Strength to Identify Children at Risk of Sarcopenic Obesity. *PLoS One.* 2017;12(5):1–9.
12. Ervin RB, Fryar CD, Wang CY, Miller IM, Ogden CL. Strength and Body Weight in US Children and Adolescents. *Pediatrics.* 2014;134(3).
13. Keevil VL, Luben R, Dalzell N, Hayat S, Sayer AA, Wareham NJ, et al. Crosssectional Associations Between Different Measures of Obesity and

- Muscle Strength in Men and Women in a British Cohort Study. *J Nutr Health Aging*. 2015;9(1):3–11.
14. Alahmari KA, Silvian SP, Reddy RS, Kakarapthi VN, Ahmad I, Alam MM. Hand Grip Strength Determination for Healthy Males in Saudi Arabia: A Study of The Relationship with Age, Body Mass Index, Hand Length and Forearm Circumference Using a Hand-held Dynamometer. *J Int Med Res*. 2017;45(2):540–8.
 15. Al-Asadi JN. Handgrip Strength in Medical Students: Correlation with Body Mass Index and Hand Dimensions. *Asian J Med Sci*. 2018;9(1):21–6.
 16. Koley S, Melton S. Age-related Changes in Handgrip Strength among Healthy Indian Males and Females Aged 6-25 years. *J Life Sci*. 2010;2(2):73–80.
 17. Lubis HM, Sulastri D. Hubungan Indeks Massa Tubuh dengan Ketahanan Kardiorespirasi, Ketahanan dan Kekuatan Otot dan Fleksibilitas pada Mahasiswa Laki-laki Jurusan Pendidikan Dokter Universitas Andalas Angkatan 2013. *J Kesehatan Andalas*. 2015;4(1).
 18. Setiowati A. Hubungan Indeks Massa Tubuh, Persen Lemak Tubuh, Asupan Zat Gizi dengan Kekuatan Otot. *J Media Ilmu Keolahragaan Indones*. 2014;4(1).
 19. Dewi PM. Perkembangan Bahasa, Emosi, dan Sosial Anak Usia Sekolah Dasar. *J Ilm Pendidik Dasar*. 2020;7(1):7–8.
 20. Paulsen F. Sobotta Atlas Anatomi Manusia. 23th ed. Jakarta: Pendit BU; 2019. 156–288 p.
 21. Dorland N. Kamus Saku Kedokteran Dorlan. 28th ed. Hartanto YB; 2011.
 22. Snell RS. ANATOMI KLINIS Berdasarkan Sistem. Suwahjo A, editor. Jakarta: EGC; 2011.
 23. Oselako IA, Bello BM, Oliver HW, Emmanuel UU, Abraham MS. Association Of Handgrip Strength With Body Mass Index Among Nigerian Students. *IOSR J Pharm Biol Sci*. 2014;9(1):1–7.
 24. Wessalam A, El-Dein MS, El-Wahab, Shorouk E. Hand Grip Strength in Relation to Anthropometric Measures of School Children: A Cross

- Sectional Study. *Ann Med Heal Sci Res*. 2017;(7):447–53.
25. Lee JE, Kim KW, Paik NJ, Jang HC, Chang CB, Baek GH, Lee YH, Gong HS. Evaluation of Factors Influencing Grip Strength in Elderly Koreans. *J Bone Metab*. 2022;19(2):103-110. doi:10.11005/jbm.2012.19.2.103.
 26. Das A, Dutta M. Correlation Between Body Mass Index and Handgrip Htrength and Handgrip Endurance Among Young Healthy Adults. *J Evid Based Med Healthc*. 2015;2(27).
 27. Langius J, Visser W, Kruizenga H, Reijven N. Measuring Handgrip Strength: Standard Operating Procedure. *Nutritional Assessment Platform*. 2017.
 28. Smith LA, Fourie K, Mazinyo A, Mokone M, Nxaba S, Morrow B. Measurement of Hand Grip Strength: A Cross-sectional Study of Two Dynamometry Devices. *South African J Physiol*. 2022;78(1).
 29. Yunawati, I., dkk. (2023). *Penilaian Status Gizi*. Eureka Media Aksara: Yogyakarta.
 30. Bobula G. Influence, Significance and Importance of Body Mass Index in Scientific Research and Various Fields of Science. *Am J Biomed Sci Res*. 2019;4(4):289.
 31. Mahfud I, Gumanta A, Fahrizqi EB. Analisis IMT (Indeks Massa Tubuh) Atlet UKM Sepakbola Univetsitas Teknokrat Indonesia. *Sport Athl Teach Recreat Interdiscip Anal*. 2020;3(1):9–13.
 32. Arisma MB. *Buku Ajar Ilmu Gizi Dalam Daur Kehidupan Edisi 2*. Jakarta: Penerbit Buku Kedokteran EGC; 2014.
 33. WHO. *A Healthy Lifestyle - WHO Recommendations*. 2010.
 34. Widyastuti RA, Rosidi A. Indeks Massa Tubuh Menurut Umur sebagai Indikator Persen Lemak Tubuh pada Remaja. *J Giz*. 2018;7(2):32.
 35. Pulungan AB. Auxology, Kurva Pertumbuhan, Antropometri, dan Pemantauan Pertumbuhan. *Sari Pediatr*. 2020;22(2):123.
 36. CDC. About Child & Teen BMI [Internet]. 2022. Available from: https://www.cdc.gov/healthyweight/assessing/bmi/childrens_bmi/about_childrens_bmi.html#%0A

37. Indonesia IDAI. Rekomendasi Ikatan Dokter Anak Indonesia : Asuhan Nutrisi Pediatrik (Pediatric Nutrition Care). Paediatric. 2011;3(2):5–6.
38. Suriati I, Mansyur N. Faktor–Faktor yang Berhubungan dengan Obesitas. *Voice of Midwifery*. 2020;10(1).
39. CEF. FAKTOR OBESITAS ANAK [Internet]. Available from: <http://onlinelibrary.wiley.com/doi/10.1002/cbdv.200490137/abstract%0A>
40. Koley S, Gandhi M, Singh PA. An Association of Hand Grip Strength with Height, Weight and BMI in Boys and Girls Aged 6–25 Years of Amritsar, Punjab, India. *Internet J Biol Anthropol*. 2008;2(1):1–6.
41. Zaccagni L, Toselli S, Bramanti B, Gualdi-Russo E, Mongillo J, Rinaldo N. Handgrip Strength in Young Adults: Association with Anthropometric Variables and Laterality. *Int J Environ Res Public Health*. 2020;17(12).
42. Rajesh M. Statistical Study of The Influence of Anthropometric Parameters on The Hand Grip Strength of an Individual. Singapore: Springer Nature Singapore. 2022. p. 582–592.
43. Arokiasamy P. Socioeconomic Differences in Handgrip Strength and It's Association with Measures of Intrinsic Capacity Among Older Adults in Six Middle-Income Countries. *Sci Rep*. 2021;11(1).
44. Rioux B, Sharma A, Kuwornu JP, McGavock J. Association Between Handgrip Muscle Strength and Cardiometabolic z-Score in 6 to 19 Year of Age: Results from the Canadian Health Measures Survey. *Metab Syndr Relat Disord*. 2017;15(7):1–6.
45. Raffi N, Fatima K, Mumtaz U, Saleem S, Javed K, Gul S, et al. Effects of Powerball on Grip Strength in Children with Developmental Delay. *Int J Health Sci (Qassim)*. 2023;7(S1):1656–67.
46. Camry NC. Electronic Hand Dynamometer Instruction manual. 2014.
47. Notoatmodjo S. *Metodolgi Penelitian Kesehatan*. Rineka Cipta; 2010. p. 26, 35, 87, 121.
48. Gurnida DA, Nur'aeny N, Hakim DDL, Susilaningsih FS, Herawati DMD, Rosita I. Korelasi antara tingkat kecukupan gizi dengan indeks massa tubuh

- siswa sekolah dasar kelas 4, 5, dan 6. *Padjadjaran J Dent Res Students*. 2020;4(1):43.
49. Karinda Heryuditasari. Hubungan Pola Makan Dengan Kejadian Obesitas. Karinda Heryuditasari [Internet]. 2020;5(3):248–53. Available from: <http://repo.stikesicme-jbg.ac.id/1333/2/SKRIPSI KARIN fix.pdf>
 50. Aryandi R. Gambaran Kejadian Obesitas Pada Anak Usia Sekolah Dasar Di Kecamatan Telanaipura Kota Jambi 2022. 2022;3:60–70.
 51. Suryamulyawan KA, Arimbawa IM. Prevalensi dan karakteristik obesitas pada anak di Sekolah Dasar Saraswati V Kota Denpasar tahun 2016. *Intisari Sains Medis*. 2019;10(2):342–6.
 52. Ryantama AAW, Subanada IB. Prevalensi dan karakteristik obesitas pada anak di poliklinik anak rumah sakit umum pusat sanglah denpasar periode januari-desember 2016. *J Med Udayana*. 2021;10(1):1–5.
 53. Heri M, Purwantara KGT, Astriani NMDY, Rismayanti IDA. Sikap Orang Tua dengan Kejadian Obesitas pada Anak Usia 6-12 Tahun. *J Telenursing*. 2021;3(1):95–102.
 54. Yugan, E., Amir, Y., & Fitri, A. . (2023). Gambaran aktivitas fisik dengan Indeks Massa Tubuh (IMT) pada anak usia sekolah. *FLORONA : Jurnal Ilmiah Kesehatan*, 2(2), 104–110.
 55. Brzeziński M, Czubek Z, Niedzielska A, Jankowski M, Kobus T, Ossowski Z. Relationship between lower-extremity defects and body mass among polish children: A cross-sectional study. *BMC Musculoskelet Disord*. 2019;20(1):1–9
 56. Brown, T., & Green, M. (2018). The effect of physical activity on muscle strength and endurance in children and adolescents. *Pediatric Exercise Science*, 30(1), 45-56.
 57. Johnson, R., & Carter, B. (2019). Genetic and environmental factors influencing muscle strength in children and adolescents. *European Journal of Pediatrics*, 178(9), 1315-1323.

58. Jones, M., & Harris, T. (2018). Age at school entry and its impact on academic achievement and social-emotional development. *Journal of Early Childhood Education*, 29(2), 187-195.
59. Data Pendidikan Kemendikbudristek. (2024). Data Pendidikan Kemendikbudristek. Retrieved from <https://data.kemdikbud.go.id/>
60. Mattocks, C., Ness, A., Deere, K., Tilling, K., Leary, S., Blair, S. N., & Riddoch, C. (2008). Early life determinants of physical activity in 11 to 12 year olds: cohort study. *BMJ (Clinical research ed.)*, 336(7634), 26–29.
61. Sayed WO, Mohammed NE, Kamal HM. Correlation Between Body Mass Index, Manual Dexterity and Handgrip Strength in School Aged Children. *The Egyptian Journal of Hospital Medicine*. 2023 Jul;92:5546-5550.
62. Ciaccia MCC, Pinto CN, Golfieri F da C, Machado TF, Lozano LL, Silva JMS, et al. Prevalência De Genuvalgo Em Escolas Públicas Do Ensino Fundamental Na Cidade De Santos (Sp), Brasil. *Rev Paul Pediatr*. 2017;35(4):443–7.
63. Daulay NS, Akbar S. Hubungan Durasi Tidur Dengan Imt (Indeks Massa Tubuh) Yang Dipengaruhi Oleh Jenis Kelamin Pada Mahasiswa Fk Uisu. *J Kedokt STM (Sains dan Teknol Med*. 2021;4(1):10–6.
64. Putra, K. P., Kinasih, A., & Kriswandaru, P. (2018). Gambaran aktivitas fisik siswa kelas IV sekolah dasar negeri di Salatiga. Dalam Seminar Nasional Pendidikan Jasmani UMMI ke-1 (hlm. 244). Universitas Muhammadiyah Sukabumi.
65. Dewi, K. I. M., Widiastuti, I. A. E., & Wedayani, A. A. N. (2020). Hubungan Antara Indeks Massa Tubuh Dengan Kekuatan Otot Pada Mahasiswa Fakultas Kedokteran Universitas Mataram. *Jurnal Kedokteran*, 9(1), 63-72.