

DAFTAR PUSTAKA

- Abdullah, Dewi, A. P., Muharramah, A., & Pratiwi, A. R. (2022). Gambaran Status Gizi dan Asupan Gizi Remaja Santri Pondok Pesantren Shuffah Hizbullah dan Madrasah Al-Fatah Lampung. *Jurnal Gizi Aisyah*, 5(1), 6–12. <https://doi.org/https://doi.org/10.30604/jnf.v5i1.413>
- Achsar, A. M., & Fatoni, A. Z. (2021). Manajemen Pasien Dekstroskoliosis Berat dengan Kegagalan Napas yang disebabkan oleh Syok Septik dan Pneumonia. *Journal of Anaesthesia and Pain*, 2(1), 40–47. <https://doi.org/10.21776/ub.jap.2021.002.01.05>
- Adiputra, I. M. S., Siregar, D., Anggraini, D. D., Irfandi, A. I., Trisnadewi, N., Nurmalita, H. M., Oktaviani, S. N. P. W., Laksmi, F., Supinganto, A., Pakpahan, M., Listyawardhani, Y., Islam, F., & Ani, M. (2021). Statistika Kesehatan Teori & Aplikasi. In *Angewandte Chemie International Edition*, 6(11), 951–952. (Issue Mi).
- Andriana, J., & Prihantini, N. N. (2021). Hubungan Tingkat Stres dengan Indeks Massa Tubuh pada Mahasiswa Fakultas Kedokteran Universitas Kristen Indonesia. *Jurnal Kedokteran*, 9(2), 1351–1361. <https://doi.org/https://doi.org/10.37304/jkupr.v9i2.3527>
- Anthony, A., Zeller, R., Evans, C., & Dermott, J. A. (2021). Adolescent idiopathic scoliosis detection and referral trends: impact treatment options. *Spine Deformity*, 9(1), 75–84. <https://doi.org/10.1007/s43390-020-00182-6>
- Baswara, C. G. P. K., Weta, I. W., & Ani, L. S. (2019). Deteksi Dini Skoliosis di Tingkat Sekolah Dasar Katolik Santo Yoseph 2. *Intisari Sains Medis*, 10(2), 253–257. <https://doi.org/10.15562/ism.v10i2.185>
- Burwell, R. G., Clark, E. M., Dangerfield, P. H., & Moulton, A. (2016). Adolescent idiopathic scoliosis (AIS): a multifactorial cascade concept for pathogenesis and embryonic origin. *Scoliosis*, 1–7. <https://doi.org/10.1186/s13013-016-0063-1>
- Ceballos-Laita, L., Carrasco-Uribarren, A., Cabanillas-Barea, S., Pérez-Guillén, S., Pardosparidos-Aguilella, P., & Del Barrio, S. J. (2023). The effectiveness of Schroth method in Cobb angle, quality of life and trunk rotation angle in adolescent idiopathic scoliosis: a systematic review and meta-analysis. *European Journal of Physical and Rehabilitation Medicine*, 59(2), 228–236. <https://doi.org/10.23736/S1973-9087.23.07654-2>
- Chung, S. (2015). Body mass index and body composition scaling to height in children and adolescent. *Annals of Pediatric Endocrinology & Metabolism*, 20(3), 125. <https://doi.org/10.6065/apem.2015.20.3.125>
- Cristante, A. F., E Silva, R. T., Da Costa, G. H. R., & Marcon, R. M. (2021). Adult Degenerative Scoliosis. *Revista Brasileira de Ortopedia*, 56(1), 1–8. <https://doi.org/10.1055/s-0040-1709736>
- De Salvatore, S., Ruzzini, L., Longo, U. G., Marino, M., Greco, A., Piergentili, I., Costici, P. F., & Denaro, V. (2022). Exploring the association between specific

- genes and the onset of idiopathic scoliosis: a systematic review. *BMC Medical Genomics*, *15*(1), 1–14. <https://doi.org/10.1186/s12920-022-01272-2>
- Erkkila, I. P., Reynolds, C. A., Weissman, J. P., Levine, O. P., & Aronson, H. (2023). Factors Associated with Presentation of Severe Adolescent Idiopathic Scoliosis. *Journal of the Pediatric Society of North America*, *5*(3), 651. <https://doi.org/10.55275/JPOSNA-2023-651>
- Firmansyah, D., & Dede. (2022). Teknik Pengambilan Sampel Umum dalam Metodologi Penelitian: Literature Review. *Jurnal Ilmiah Pendidikan Holistik (JIPH)*, *1*(2), 85–114. <https://doi.org/10.55927>
- Grauers, A., Einarsdottir, E., & Gerdhem, P. (2016). Genetics and pathogenesis of idiopathic scoliosis. *Scoliosis and Spinal Disorders*, *11*(1), 1–7. <https://doi.org/10.1186/s13013-016-0105-8>
- Grünwald, A. T. D., Roy, S., & Lampe, R. (2023). Scoliosis assessment tools to reduce follow-up X-rays. *Journal of Orthopaedic Translation*, *38*, 12–22. <https://doi.org/10.1016/j.jot.2022.07.010>
- Hardani, Andriani, H., Ustiawaty, J., Utami, E. F., Istiqomah, R. R., & Fardani, R. A. (2020). Buku Metode Penelitian Kualitatif. In *CV Pustaka Ilmu Group*.
- Horng, M. H., Kuok, C. P., Fu, M. J., Lin, C. J., & Sun, Y. N. (2019). Cobb angle measurement of spine from x-ray images using convolutional neural network. *Computational and Mathematical Methods in Medicine*, 2019. <https://doi.org/10.1155/2019/6357171>
- Jeon, K. K., & Kim, D. Il. (2021). Low Body Mass Index Levels and Idiopathic Scoliosis in Korean Children: A Cross-Sectional Study. *Children*, *8*(7), 570. <https://doi.org/10.3390/children8070570>
- Kesumayanti, D. M. D., Juhanna, I. V., Dewi, A. A. N. T. N., & Sutadarma, I. W. G. (2023). Posisi Duduk dan Berat Beban Tas terhadap Kejadian Skoliosis pada Anak Sekolah Menengah Pertama. *Majalah Ilmiah Fisioterapi Indonesia*, *11*(1), 13–17. <https://doi.org/https://doi.org/10.24843/MIFI.2023.v11.i01.p03>
- Kim, S., Uhm, J. Y., Chae, D. H., & Park, Y. (2020). Low Body Mass Index for Early Screening of Adolescent Idiopathic Scoliosis: A Comparison Based on Standardized Body Mass Index Classifications. *Asian Nursing Research*, *14*(1), 24–29. <https://doi.org/10.1016/j.anr.2019.12.003>
- Komang-Agung, I. S., Dwi-Purnomo, S. B., & Susilowati, A. (2017). Prevalence rate of adolescent idiopathic scoliosis: Results of school-based screening in surabaya, Indonesia. *Malaysian Orthopaedic Journal*, *11*(3), 17–22. <https://doi.org/10.5704/MOJ.1711.011>
- Kurniati, R. F., Annisa, N., Sugiyarti, Z., Hafizh, B. A., Jannah, A. I., Widodo, A., Pristianto, A., & Rahman, F. (2023). DETEKSI DINI SKOLIOSIS PADA SISWI KELAS 3 DI SDIT AR RISALAH KARTASURA. *Jurnal Ilmiah Publika*, *9*(2), 525–528. <https://doi.org/http://dx.doi.org/10.33603/publika.v11i2.8855>

- Lee, G. Bin, Priefer, D. T., & Priefer, R. (2022). Scoliosis: Causes and Treatments. *Adolescents*, 2(2), 220–234. <https://doi.org/10.3390/adolescents2020018>
- Li, C., Zhang, B., Liu, L., Li, Y., Xu, Y., Wang, L., Yun, C., & Zhao, Y. (2021). Design, reliability, and validity of a portable electronic device based on ergonomics for early screening of adolescent scoliosis. *Journal of Orthopaedic Translation*, 28(June 2020), 83–89. <https://doi.org/10.1016/j.jot.2020.10.014>
- Lisanti, Martini, & Widjasena, B. (2017). Hubungan Penggunaan Tas Punggung Dengan Keluhan Muskuloskeletal pada Siswa Mi Nashrul Fajar Meteseh Kecamatan Tembalang Kota Semarang. 5(4), 409–418.
- Maaliw, R. R. (2023). SCOLIONET: An Automated Scoliosis Cobb Angle Quantification Using Enhanced X-ray Images and Deep Learning Models. *Journal of Imaging*, 9(12). <https://doi.org/10.3390/jimaging9120265>
- Matusik, E., Durmala, J., Olszanecka-Glinianowicz, M., Chudek, J., & Matusik, P. (2020). Association between bone turnover markers, leptin, and nutritional status in girls with adolescent idiopathic scoliosis (AIS). *Nutrients*, 12(9), 1–13. <https://doi.org/10.3390/nu12092657>
- Merita, M., Hamzah, N., & Djayusmantoko, D. (2020). Persepsi Citra Tubuh, Kecenderungan Gangguan Makan Dan Status Gizi Pada Remaja Putri Di Kota Jambi. *Journal of Nutrition College*, 9(2), 81–86. <https://doi.org/10.14710/jnc.v9i2.24603>
- Miyagi, M., Saito, W., Imura, T., Nakazawa, T., Shirasawa, E., Kawakubo, A., Uchida, K., Akazawa, T., Inage, K., Ohtori, S., Inoue, G., & Takaso, M. (2021). Body composition in Japanese girls with adolescent idiopathic scoliosis. *Spine Surgery and Related Research*, 5(5), 68–74. <https://doi.org/10.22603/SSRR.2020-0088>
- Mudhari, D. N. R., Rahmawati, N. A., & Jumianti, S. E. (2024). Penyuluhan Fisioterapi Mengenai Postur Tubuh sebagai Pencegahan Skoliosis pada Remaja di Madrasah Aliyah Al – Irtiqo ' Kota Malang. *Jurnal Abdi Masyarakat Indonesia*, 4(6), 1511–1517. <https://doi.org/https://doi.org/10.54082/jamsi.1320>
- Negrini, S., Donzelli, S., Aulisa, A. G., Czaprowski, D., Schreiber, S., de Mauroy, J. C., Diers, H., Grivas, T. B., Knott, P., Kotwicki, T., Lebel, A., Marti, C., Maruyama, T., O'Brien, J., Price, N., Parent, E., Rigo, M., Romano, M., Stikeleather, L., ... Zaina, F. (2018). 2016 SOSORT guidelines: Orthopaedic and rehabilitation treatment of idiopathic scoliosis during growth. In *Scoliosis and Spinal Disorders* (Vol. 13, Issue 1). Scoliosis and Spinal Disorders. <https://doi.org/10.1186/s13013-017-0145-8>
- Nuryani, R., Ayuningsih, A., Wulan Lindsari, S., Dolifah, D., & Sopiah, P. (2024). Dampak Skoliosis terhadap Psikologis Remaja. *Jurnal Keperawatan*, 16(1), 265–272. <https://doi.org/https://doi.org/10.32583/keperawatan.v16i1.1416>
- Palhinha, L., Liechocki, S., Hottz, E. D., Pereira, J. A. da S., de Almeida, C. J., Moraes-Vieira, P. M. M., Bozza, P. T., & Maya-Monteiro, C. M. (2019).

- Leptin Induces Proadipogenic and Proinflammatory Signaling in Adipocytes. *Frontiers in Endocrinology*, 10(December). <https://doi.org/10.3389/fendo.2019.00841>
- Papotot, G. S., Rompies, R., & Salendu, P. M. (2021). Pengaruh Kekurangan Nutrisi Terhadap Perkembangan Sistem Saraf Anak. *Jurnal Biomedik:JBM*, 13(3), 266. <https://doi.org/10.35790/jbm.13.3.2021.31830>
- Paramento, M., Rubega, M., Di Marco, R., Contessa, P., Agostini, M., Cantele, F., Masiero, S., & Formaggio, E. (2023). Experimental protocol to investigate cortical, muscular and body representation alterations in adolescents with idiopathic scoliosis. *PLoS ONE*, 18(10 October), 1–16. <https://doi.org/10.1371/journal.pone.0292864>
- Parmitha, I. A. J. A., Kinandana, G. P., Andayani, N. L. N., & Fridayani, N. K. Y. (2023). Correlation between body mass index with scoliosis: a narrative review. *Physical Therapy Journal of Indonesia*, 4(2), 255–259. <https://doi.org/10.51559/ptji.v4i2.64>
- Peng, Y., Wang, S. R., Qiu, G. X., Zhang, J. G., Zhuang, Q. Y., & Wang, N. N. (2020). Research progress on the etiology and pathogenesis of adolescent idiopathic scoliosis. *Chinese Medical Journal*, 133(4), 483–493. <https://doi.org/10.1097/CM9.0000000000000652>
- Petrosyan, E., Fares, J., Ahuja, C. S., Lesniak, M. S., Koski, T. R., Dahdaleh, N. S., & El Teclé, N. E. (2024). Genetics and Pathogenesis of Scoliosis. *North American Spine Society Journal (NASSJ)*, 20(September), 100556. <https://doi.org/10.1016/j.xnsj.2024.100556>
- Popko, J., Kwiatkowski, M., & Galczyk, M. (2018). Scoliosis: Review of diagnosis and treatment. *Paediatrics and Child Health*, 4(9), 31–35. <https://doi.org/10.1093/pch/12.9.771>
- Rachmat, N., & Fauzi, R. A. (2019). Gambaran Kepercayaan Diri Penderita Skoliosis Dengan Penggunaan Scoliosis Brace. *Jurnal Skala Kesehatan*, 10(2), 62–73. <https://doi.org/10.31964/jsk.v10i2.213>
- Ramadhani, A. N., & Romadhoni, D. L. (2022). Prevalensi Adolescent Idiopathic Scoliosis: Literature Review. *Care: Jurnal Ilmiah Ilmu Kesehatan*, 10(1), 101–107. <https://doi.org/https://doi.org/10.33366/jc.v10i1.2725>
- Saraswati, S. K., Rahmaningrum, F. D., Pahsya, M. N. Z., Paramitha, N., Wulansari, A., Ristantya, A. R., Sinabutar, B. M., Pakpahan, V. E., & Nandini, N. (2021). Literature Review : Faktor Risiko Penyebab Obesitas. *Media Kesehatan Masyarakat Indonesia*, 20(1), 70–74. <https://doi.org/10.14710/mkmi.20.1.70-74>
- Scaturro, D., Balbo, A., Vitagliani, F., Stramazzo, L., Camarda, L., & Letizia Mauro, G. (2022). Is There a Relationship between Idiopathic Scoliosis and Body Mass? A Scoping Review. *Nutrients*, 14(19), 1–13. <https://doi.org/10.3390/nu14194011>
- Simanjuntak, C. A., & Gading, P. W. (2019). PEMERIKSAAN AWAL

- SKOLIOSIS PADA PELAJAR SLTP DI KOTA JAMBI. *MEDIC*, 2(1), 53–58. <https://doi.org/https://doi.org/10.22437/medicaldedication.v2i1.5903>
- Sun, D., Ding, Z., Hai, Y., & Cheng, Y. (2023). Advances in epigenetic research of adolescent idiopathic scoliosis and congenital scoliosis. In *Frontiers in Genetics* (Vol. 14). Frontiers Media SA. <https://doi.org/10.3389/fgene.2023.1211376>
- Supartono, B., Gamma, R., Wiyono, S., & Yuli, S. (2016). *P-3 The influence of scoliosis towards secondary osteoarthritis of the knee joint in athletes*. A33.1-A33. <https://doi.org/10.1136/bjsports-2016-097120.56>
- Syabariyah, S., Anesti, R., & Alfin, R. (2022). Kemaknaan Lengkung Kurvatura dan Rib Hump pada Skrining Risiko Skoliosis. *Buletin Ilmu Kebidanan Dan Keperawatan*, 1(02), 53–62. <https://doi.org/10.56741/bikk.v1i02.125>
- Wang, Q., Wang, C., Hu, W., Hu, F., Liu, W., & Zhang, X. (2020). Disordered leptin and ghrelin bioactivity in adolescent idiopathic scoliosis (AIS): a systematic review and meta-analysis. *Journal of Orthopaedic Surgery and Research*, 1–9. <https://doi.org/https://doi.org/10.1186/s13018-020-01988-w>
- Woods, N., Wittmeier, K., Mulder, K., Dufault, B., & Black, B. (2022). The Relationship Between Body Mass Index and the Magnitude of Curve at Diagnosis of Adolescent Idiopathic Scoliosis: A Retrospective Chart Review. *Orthopedic Research and Reviews*, 14, 149–155. <https://doi.org/10.2147/ORR.S359394>
- Zadjali, F., Al Farsi, B., Zadjali, R., Bayoumi, R. A., Al Barwani, S., & Al-Yahyaee, S. (2023). Gender-specific Reference Range for Serum Leptin in Omani Population. *Oman Medical Journal*, 38(5), 84–90. <https://doi.org/10.5001/omj.2023.96>
- Zein, R. H., & Permata, A. (2024). *The Relationship between Incorrect Body Posture Elementary School Children on Idiopathic Scoliosis*. 5(1), 32–39.
- Zheng, S., Zhou, H., Gao, B., Li, Y., Liao, Z., Zhou, T., Lian, C., Wu, Z., Su, D., Wang, T., Su, P., & Xu, C. (2018). Estrogen promotes the onset and development of idiopathic scoliosis via disproportionate endochondral ossification of the anterior and posterior column in a bipedal rat model. *Experimental and Molecular Medicine*, 50(11). <https://doi.org/10.1038/s12276-018-0161-7>