DAFTAR PUSTAKA

Agustian, K. A., Rosella, D., & Kingkinnarti. (2024). Pengaruh latihan open *kinetic chain* terhadap kesembuhan pasien dengan *Osteoarthritis* di RSUD Dr. Harjono Ponorogo. JURAI: Jurnal Abdimas Indonesia, 2(1), 1–8. https://doi.org/10.59841/jurai.v2i1.997

American College of Sports Medicine. (2021). *ACSM's guidelines for exercise testing and prescription* (11th ed.). Wolters Kluwer. https://www.wolterskluwer.com/en/know/acsm/guidelines-for-exercise-testing-and-prescription

Badan Penelitian dan Pengembangan Kesehatan. (2018). Laporan Nasional Riskesdas 2018. Lembaga Penerbit Badan Penelitian dan Pengembangan Kesehatan.

Bassimtabar, M. (2025). *Pain management: A scientific compendium for physiotherapists. Springer.*

Ding, X., Yang, Y., Xing, Y., Jia, Q., Liu, Q., & Zhang, J. (2024). *Efficacy of lower limb strengthening exercises based on different muscle contraction characteristics for knee osteoarthritis: A systematic review and network meta-analysis. Frontiers in Medicine,* 11, 1442683.https://doi.org/10.3389/fmed.2024.1442683

Fau, Y. D., Hargiani, F. X., Wahyuningrum, E. K., & Endaryanto, A. H. (2024). Perbedaan pengaruh *stretching hamstring* dan *Isometric Quadriceps exercise* terhadap kemampuan fungsional pada penderita *Osteoarthritis Genu*. Jurnal Ilmiah Keperawatan, 10(1), 73–80. https://doi.org/10.33023/jikep.v10i1.1846

Falla, D., Jull, G., Hodges, P., & Vicenzino, B. (Eds.). (2024). *Grieve's modern musculoskeletal physiotherapy (5th ed.). Elsevier*

Fauzi, A., Khatab, & Desreza, N. (2025). Hubungan usia, jenis kelamin, dan indeks massa tubuh terhadap derajat keparahan *Osteoarthritis Genu* di RSUD Meuraxa Kota Banda Aceh. *Future Academia*: *The Journal of Multidisciplinary Research on Scientific and Advanced,* 3(4), 1791–1801. https://doi.org/10.61579/future.v3i4.634

Fitria, N., & Riska, C. P. (2025). Hubungan obesitas dengan kejadian *Osteoarthritis* di wilayah kerja Puskesmas Lampaseh tahun 2025. Jurnal Impresi Indonesia, 4(4). https://doi.org/10.58344/jii.v4i4.6417

Gao, M., Wang, Z., Li, S., Li, J., Pang, Z., Liu, S., & Duan, Z. (2021). *Design and optimization of exoskeleton structure of lower limb knee joint based on cross four-bar linkage*. https://doi.org/10.1063/5.0053899

Guo, X., Zhao, P., Zhou, X., Wang, J., & Wang, R. (2022). A recommended exercise program appropriate for patients with knee osteoarthritis: A systematic review and meta-analysis. *Frontiers in Physiology*, *13*, 934511. https://doi.org/10.3389/fphys.2022.934511

Hamill, J., & Knutzen, K. M. (2019). Biomekanika dasar gerakan manusia (W. Budhyanti, N. C. Anggraeni, & Sudaryanto, Penerjemah.; Ed. 4). EGC.

Li, Z., Leung, K.-L., Huang, C., Huang, X., Su, S., Chung, R. C. K., Ding, C., & Fu, S.-N. (2024). *Associations amongst dynamic knee stiffness during gait, Quadriceps stiffness, and the incidence of knee Osteoarthritis over 24 months: A cohort study with a mediation analysis. BMC Musculoskeletal Disorders*, 25, 511. https://doi.org/10.1186/s12891-024-07618-4

Möller, I., Rodas, G., Villalón, J., et al. (2023). *Randomized, double-blind, placebo-controlled study to evaluate the effect of treatment with an SPMs-enriched oil on chronic pain and inflammation, functionality, and quality of life in patients with symptomatic knee osteoarthritis: GAUDI study.* Journal of Translational Medicine, *21*, 423. https://doi.org/10.1186/s12967-023-04283-4

Oliveira, C. W. de M., Miklós, J. P. O., Almeida, W. A. de, del Corsso, C., Figueiredo Neto, J. L. de, Guedes, F. R. R. de S., Pereira, M. V. R. A., Ribeiro Júnior, F. J. P., Lucena, H. J. de A., Ferreira, D. L. G., Caldas, E. R., Bezerra, C. de M., Simiema, G. C., & Alves, P. H. P. da S. (2024). *Pathogenesis, articular protective mechanisms, and risk factors in osteoarthritis: A systematic review. Revista de Gestão Social e Ambiental*, 18(1). https://doi.org/10.24857/rgsa.v18n1-177

Page, P., Frank, C. C., & Lardner, R. (2020). *Assessment and treatment of muscle imbalance: The Janda approach* (2nd ed.). *Human Kinetics. https://us.humankinetics.com/products/assessment-and-treatment-of-muscle-imbalance*

Peate, I. (2025). *The musculoskeletal system*. *Wiley-Blackwell.*

Khosim, A., & Rahmanto, S. (n.d.). *Penyuluhan Osteoarthritis lutut pada kelompok lansia Desa Laweyan Probolinggo*. https://doi.org/10.59837/jpmba.v3i10.3438

Rohimah, S., Sudarsono, A., & Sariana, E. (2025). Pengaruh terapi latihan dengan *elastic band* terhadap kemampuan fungsional lansia dengan *Osteoarthritis* lutut. Jurnal Fisioterapi dan Kesehatan Indonesia, 5(1), 35–38.

Siwi, K. (2022). *Buku ajar panduan terapi latihan: Osteoarthritis lutut disertai diabetes melitus tipe 2*. UM Surabaya *Publishing*.https://lp2ihki.um-surabaya.ac.id/assets/files/109315af-7c4b-11ed-ba29-000c29cc32a6_ISBN%20PANDUAN%20TERAPI%20LATIHAN%20OA-DM.pdf

Stańczak, M., Swinnen, B., Surmacz, J., Bielenda, B., Febbi, M., Trybulski, R., & Hagner-Derengowska, M. (2021). *Knee joint response to mechanical loading: Bounding mechanotransduction with rehabilitation. Medical Research Journal*, 6(4), 259–266. https://doi.org/10.33594/000000818

Sugiyono. (2023). Metode penelitian kuantitatif, kualitatif, dan R&D (Edisi ke-2, cetakan ke-5). Alfabeta.

Swandari, A., Siwi, K., Putri, F., Waritsu, C., & Abdullah, K. (2022). Buku ajar terapi latihan pada osteoarthritis lutut (I. Gerhanawati & N. F. Romadhona, Eds.). UM Surabaya *Publishing*. https://lp2ihki.um-surabaya.ac.id/assets/files/aa94c8e7-7c49-11ed-ba29 000c29cc32a6_Buku%20ajar%20osteoathritis%20kirim%20pak%20dyat.pdf

Temel, V. (2024). *Effectiveness of strengthening exercises on positive thinking skills, psychological wellness and mental strength in athletes with a meniscus-ripped knee. Apuntes Universitarios, 14*(1), 34–45. https://doi.org/10.17162/au.v14i1.1497

Wahyuni, W., & Zakaria, R. F. (2021). Pengaruh latihan penguatan dengan *elastic band* dalam meningkatkan kemampuan pasien *Osteoarthritis* knee di Rumah Sakit Condong Catur Sleman. Fisiomu, 2(2), 89–94. https://doi.org/10.23917/fisiomu.v2i2.13237

World Health Organization. (2023). *Osteoarthritis*. https://www.who.int/news-room/fact-sheets/detail/*osteoarthritis*