

DAFTAR PUSTAKA

- Abdullah, K., Swandari, A., Tsabita, J., Firdaus, M., Universitas Muhammadiyah Surabaya, F., Suterojo, J., Jawa Timur, S., & Prodi, M. S. (2021). Pemeriksaan Sensibilitas Dan Stimulasi Somatosensorik Pada Kaki Lansia Di Upts Tresna Wredha Pandaan Jawa Timur Examination of Sensibility and Foot'S Somatosensory Stimulation in Elderly At Tresna Wredha Nursing Home Pandaan East Java. 131–134.
- Alrawashdeh, W., Eschweiler, J., Migliorini, F., El Mansy, Y., Tingart, M., & Rath, B. (2021). Effectiveness of total *Knee* arthroplasty rehabilitation programmes: a systematic review and meta-analysis. *Journal of Rehabilitation Medicine*.
- Alzarooni, A., et al. (2025). A comprehensive review of operative considerations, surgical techniques, outcomes, and future perspectives in total *Knee* arthroplasty. *Cureus*, 17(10), e94345. <https://doi.org/10.7759/cureus.94345>
- Aslam, S., Habyarimana, J. D. D., & Bin, S. Y. (2025). *Neuromuscular adaptations to resistance training in elite versus recreational athletes*. *June*, 1–17. <https://doi.org/10.3389/fphys.2025.1598149>
- Chen, J., Loke, R. W. K., Lim, K. K.-L., & Tan, B. W. L. (2025). Survivorship in robotic total *Knee* arthroplasty compared with conventional total *Knee* arthroplasty: A systematic review and meta-analysis. *Arthroplasty*, 7(21), 1–17.
- Coaccioli, S., Sarzi-Puttini, P., Zis, P., Rinonapoli, G., & Varrassi, G. (2022). Osteoarthritis: New Insight on Its Pathophysiology. *Journal of clinical medicine*, 11(20), 6013. <https://doi.org/10.3390/jcm11206013>
- Ditton, E., Johnson, S., Hodyl, N., Flynn, T., Pollack, M., Ribbons, K., Walker, F. R., & Nilsson, M. (2020). Improving patient outcomes following total *Knee* arthroplasty: Identifying rehabilitation pathways based on modifiable psychological risk and resilience factors. *Frontiers in Psychology*, 11(May), 1–15. <https://doi.org/10.3389/fpsyg.2020.01061>
- Dragosloveanu, S., Petre, M.-A., Cretu, B., Mihailescu, A. A., Cergan, R., & Scheau, C. (2024). Etiology of total *Knee* arthroplasty revisions: A two-decade institutional perspective. *Cureus*, 16(2), e55263.
- Fadlina, A., Kusma, N., & Wulandari, V. (2022). *Pelaksanaan fisioterapi pada kasus post operasi total Knee replacement*. *Jurnal Real Riset*. <https://doi.org/10.47647/jrr.v4i3.841>
- Guan, H., Wu, Y., Wang, X., Liu, B., Yan, T., & Abedi-Firouzjah, R. (2024). Ultrasound therapy for pain reduction in musculoskeletal disorders: A

- systematic review and meta-analysis. *Sage Open Medicine*.
<https://doi.org/10.1177/20406223241267217>
- Halim, K. (2021). *Korelasi antara temuan radiologi dan arthroskopi pada osteoarthritis lutut dini (Correlation between radiology and arthroscopy findings in early grade osteoarthritis)* [Thesis, Universitas Hasanuddin]
- Jakobsen, T.L., et al. (2019). *Quadriceps* muscle activity during commonly used strength training exercises shortly after total *Knee* arthroplasty: Implications for home-based exercise selection. *Journal of Experimental Orthopaedics*, 6(1), 31. <https://doi.org/10.1186/s40634-019-0193-5>
- Kantha, P., Vachalathiti, R., Richards, J., Kunanusornchai, W., Khambunruang, N., Sataman, S., & Sinsurin, K. (2025). Changes in *Knee* outcome measures following later-stage exercise interventions implemented ≤ 12 weeks vs. > 12 weeks after total *Knee* arthroplasty: a systematic review and meta-analysis. *Journal of Orthopaedic Surgery and Research*, 20, 996.
- Kuswara, L. W., et al. (2023). Clinical demographics characteristic of total *Knee* arthroplasty at Prof. IGNG Ngoerah General Hospital, Bali, Indonesia. *Indonesian Journal of Medicine*, 8(2), 128–135. <https://doi.org/10.26911/theijmed.2023.08.02.01>
- Lim, J., & Kim, B. (2025). Effects of resistance training on pain, muscle strength, and function in patients undergoing total *Knee* arthroplasty: A systematic review and meta-analysis. *Journal of Clinical Medicine*, 14, 4979.
- Luo, Y., Rahmati, M., Kazemi, A., Liu, W., Lee, S.W., Gyasi, R.M., López Sánchez, G.F., Koyanagi, A., Smith, L., & Yon, D.K. (2024). Effects of therapeutic ultrasound in patients with *Knee* osteoarthritis: A systematic review and meta-analysis. *Heliyon*, 10(10), e30874. <https://doi.org/10.1016/j.heliyon.2024.e30874>
- Madry, H. (2022). Surgical therapy in osteoarthritis Hierarchy of evidence. *Osteoarthritis and Cartilage*, 30(8), 1019–1034. <https://doi.org/10.1016/j.joca.2022.01.012>
- Meitri, D., & Herawati, I. (2022). *Penatalaksanaan fisioterapi pada kondisi post Total Knee Replacement akibat osteoarthritis*. <https://publikasiilmiah.ums.ac.id/handle/11617/11838>
- Minick, K.I., Hunter, S.J., Capin, J.J., Stevens-Lapsley, J.E., Snow, G.L., Woodfield, D., Dibblee, P., & Brennan, G.P. (2022). Improved outcomes following a care guideline implementation: Part 1 of an analysis of 12,355 patients after total *Knee* arthroplasty. *Journal of Orthopaedic & Sports Physical Therapy*, 53(3), 143–150. <https://doi.org/10.2519/jospt.2022.11369>

- Putu, N., & Adi, D. (2021). Analisis Strategi Pemasaran Pelayanan Operasi Penggantian Sendi Lutut. *Jurnal Administrasi Rumah Sakit Indonesia*, 7(3). <https://doi.org/10.7454/arsi.v7i3.3659>
- Rajasekhar, S. (2024). Therapeutic Ultrasound Applications in Physical Therapy: A Comprehensive Review of Its Role in Soft Tissue Healing and Pain Reduction. *International Journal of Emerging Research in Engineering and Technology (IJERET)*, 5(4), 20-28. DOI: 10.63282/3050-922X/IJERET-V5I4P103
- Santosa, S. J. (2025). *Comparison of Oxford Knee Score in Knee Osteoarthritis Patients Before and After Total Knee Replacement at Dr. Mohamad Soewandhie Hospital*. 14(October), 64–71. <https://doi.org/10.20473/joints.v14i2.2025.64-71>
- Santosa, S. J., Sasono, B., Sekarputri, C. H., & Rambung, E. (2025). Comparison of Oxford Knee Score in Knee Osteoarthritis Patients Before and After Total Knee Replacement at Dr. Mohamad Soewandhie Hospital. *JOINTS (Journal Orthopaedi and Traumatology Surabaya)*, 14(2), 64-71.
- Saputra, A.W. (2021). Peran Pemberian Terapi Latihan Pasca Operasi Total Knee Arthroplasty pada Kasus Osteoarthritis : Artikel Review. *Jurnal Ilmiah Keperawatan Altruistik* 4 (2). <https://doi.org/10.48079/Vol4.Iss2.75>
- Stoddart, J. C., Dandridge, O., Garner, A., Cobb, J., & Arkel, R. J. Van. (2021). The compartmental distribution of Knee osteoarthritis e a systematic review and meta-analysis Osteoarthritis. *Osteoarthritis and Cartilage*, 29(4), 445–455. <https://doi.org/10.1016/j.joca.2020.10.011>
- Stoddart, J. C., Dandridge, O., Garner, A., Cobb, J., & van Arkel, R. J. (2021). The compartmental distribution of Knee osteoarthritis – a systematic review and meta-analysis. *Osteoarthritis and Cartilage*, 29(4), 445–455.
- Sumargono, E., Anastasia, M., Saleh, I., Pitarini, A., Deslivia, M. F., Santosa, C., & Kholinne, E. (2021). Total Knee Replacement Epidemiology Before and After the COVID-19 Pandemic: A Descriptive Comparative Study. *The Hip and Knee Journal*, 2(2), 68-72. <https://doi.org/10.46355/hipKnee.v2i2.81>.
- Swandari, A., Ken Siwi, Fadma Putri, Cakra Waritsu, & Khabib Abdullah. (2022). Universitas Muhammadiyah Surabaya Quick Submit Quick Submit.
- Theil, Krysta, & Nakov. (2021). Why ICF? advantages of ICF in the clinical practice with regard to the medical care of people with mental health problems and intellectual disabilities.
- Varacallo, M.A., Luo, T.D., Mabrouk, A., & Johanson, N.A. (2024). *Total Knee arthroplasty techniques*. In StatPearls. StatPearls Publishing. <https://www.ncbi.nlm.nih.gov/books/NBK499896/>

- Vitamara, Y., Santoso, T. B., & Larasati, P. (2023). Program Fisioterapi pada Kasus Post Arthroplasty Total *Knee* Replacement Sinistra et Causa Osteoarthritis *Knee*: Case Report. *Physio Journal*, 3(2).
- Wei, G., Shang, Z., Li, Y., Wu, Y., & Zhang, L. (2024). Effects of lower-limb active resistance exercise on mobility, physical function, *Knee* strength and pain intensity in patients with total *Knee* arthroplasty: a systematic review and meta-analysis. *BMC Musculoskeletal Disorders*, 25, 730.
- Xie, M., et al. (2023). Recent advances in the molecular mechanisms of low-intensity pulsed ultrasound against inflammation. *Journal of Molecular Medicine*, 101(4), 361–374. <https://doi.org/10.1007/s00109-023-02302-x>
- Xue, Y.Y., Shi, J.N., Zhang, K., Zhang, H.H., & Yan, S.H. (2022). The effects of total *Knee* arthroplasty on *Knee* proprioception of patients with *Knee* osteoarthritis: a meta-analysis. *Journal of Orthopaedic Surgery and Research*, 17, 271. <https://doi.org/10.1186/s13018-022-03142-0>
- Zein, R. H., Dwiyan, G., Program,), Fisioterapi, S. D.-I., Farmasi, F., Kesehatan, I., Abdurrah, U., Riau, J., & 73 Pekanbaru, U. N. (2022). Fisioterapi dengan Metode Senam Hamil Untuk Mengurangi Nyeri Punggung Bawah Pada Ibu Hamil Trimester III. In *Jurnal Ilmiah Fisioterapi (JIF)* (Vol. 5).
- Zimnoch, J., Syrówka, P., & Tarnacka, B. (2025). *Advancements in Total Knee Arthroplasty over the Last Two Decades*. 1–14.