

DAFTAR PUSTAKA

- Adrian, M. A., Widiarto, M. R., & Kusumadiarti, R. S. 2021. Health Monitoring System dengan Indikator Suhu Tubuh, Detak Jantung dan Saturasi Oksigen Berbasis Internet of Things (IoT). *Jurnal Petik*, 7(2), 108–118. <https://doi.org/10.31980/jpetik.v7i2.1230>
- Alhakami, A. M., Davis, S., Qasheesh, M., Shaphe, A., & Chahal, A. 2019. Effects of McKenzie and stabilization exercises in reducing pain intensity and functional disability in individuals with nonspecific chronic low back pain: a systematic review. *Journal of Physical Therapy Science*, 31(7), 590–597. <https://doi.org/10.1589/jpts.31.590>
- Antohe, B. A., Uysal, H. Ş., Panaet, A. E., Iacob, G. S., & Rață, M. (2023). The Relationship between Magnetic Resonance Imaging and Functional Tests Assessment in Patients with Lumbar Disk Hernia. *Healthcare (Switzerland)*, 11(19). <https://doi.org/10.3390/healthcare11192669>
- Apti, A., Çolak, T. K., & Akçay, B. 2023. Normative Values for Cervical and Lumbar Range of Motion in Healthy Young Adults. *Journal of Turkish Spinal Surgery*, 34(3), 113–117. <https://doi.org/10.4274/jtss.galenos.2023.33042>
- Arti, W Widanti, H. N. 2024. *BUKU AJAR PEMERIKSAAN DAN PENGUKURAN FISIOTERAPI MUSKULOSKELETAL*. UMSIDA Press.
- Azharuddin, A., Aryandono, T., Magetsari, R., & Dwiprahasto, I. 2022. Predictors of the conservative management outcomes in patients with lumbar herniated nucleus pulposus: A prospective study in Indonesia. *Asian Journal of Surgery*, 45(1), 277–283. <https://doi.org/10.1016/j.asjsur.2021.05.015>
- Cano-De-la-cuerda, R., Vela-Desojo, L., Moreno-Verdú, M., Ferreira-Sánchez, M. D. R., Macías-Macías, Y., & Miangolarra-Page, J. C. 2020. Trunk range of motion is related to axial rigidity, functional mobility and quality of life in Parkinson's disease: An exploratory study. *Sensors (Switzerland)*, 20(9), 1–12. <https://doi.org/10.3390/s20092482>
- Chandra, A., & Rahmanto, S. 2023. Analisis Resiko Masa Kerja Terhadap Keluhan Low Back Pain Pada Kurir Ninja Xpress Lowokwaru, Kota Malang. *Advanced In Social Humanities Research*, 4(3), 123–135. <https://www.adshr.org/index.php/vo/article/view/17>
- Chiarotto, A., Maxwell, L. J., Ostelo, R. W., Boers, M., Tugwell, P., & Terwee, C. B. 2019. Measurement Properties of Visual Analogue Scale, Numeric Rating Scale, and Pain Severity Subscale of the Brief Pain Inventory in Patients With Low Back Pain: A Systematic Review. *Journal of Pain*, 20(3), 245–263. <https://doi.org/10.1016/j.jpain.2018.07.009>

- Cunha, C., Silva, A. J., Pereira, P., Vaz, R., Gonçalves, R. M., & Barbosa, M. A. 2018. The inflammatory response in the regression of lumbar disc herniation. *Arthritis Research and Therapy*, 20(1), 1–9. <https://doi.org/10.1186/s13075-018-1743-4>
- Dafkou, K., Kellis, E., Ellinoudis, A., & Sahinis, C. 2020. The effect of additional external resistance on inter-set changes in abdominal muscle thickness during bridging exercise. *Journal of Sports Science and Medicine*, 19(1), 102–111.
- de los Monteros, F. J. G. E., Gonzalez-Medina, G., Ardila, E. M. G., Mansilla, J. R., Expósito, J. P., & Ruiz, P. O. 2020. Use of neurodynamic or orthopedic tension tests for the diagnosis of lumbar and lumbosacral radiculopathies: Study of the diagnostic validity. *International Journal of Environmental Research and Public Health*, 17(19), 1–12. <https://doi.org/10.3390/ijerph17197046>
- Denny Pratama, A., & Muhamad Elfitra Salam. 2021. The Effectiveness of Core Stability Exercise to Improve Functional Ability in A Lumbar Herniated Nucleus Pulposus Patient: A Case Study. *Physical Therapy Journal of Indonesia*, 2(2), 61–66. <https://doi.org/10.51559/ptji.v2i2.24>
- Dwi, W. Y., M, M., & Fauziah, E. 2020. Penatalaksanaan Fisioterapi Untuk Gangguan Fungsional Lumbal Pada Kasus Hernia Nukleus Pulposus Dengan Teknik Pnf, Tens Dan Mckenzie Exercise Di Rsud Ulin Banjarmasin Tahun 2019. *Jurnal Kajian Ilmiah Kesehatan Dan Teknologi*, 2(1), 6–14. <https://doi.org/10.52674/jkikt.v2i1.27>
- Fadlilah, S., Hamdani Rahil, N., & Lanni, F. 2020. Analisis Faktor Yang Mempengaruhi Tekanan Darah Dan Saturasi Oksigen Perifer (Spo2). *Jurnal Kesehatan Kusuma Husada, Spo* 2, 21–30. <https://doi.org/10.34035/jk.v11i1.408>
- Ferlina Fidya Atmaja, O., Herawati, I., & Studi Profesi Fisioterapi, P. 2023. MANAGEMENT FISIOTERAPI PADA KASUS LOW BACK PAIN EC HERNIA NUCLEUS PULPOSUS DI RSUP Dr SARJITO YOGYAKARTA: CASE REPORT. *Cetak) Journal of Innovation Research and Knowledge*, 3(1), 4709–4718.
- Ginting, F. P., Ginting, F. P., & Susilo, trisno. 2022. Penatalaksanaan Fisioterapi pada Hernia Nukleus Pulposus Lumbal dengan Modalitas Infra Red, TENS dan MC Kenzie Exercise. *Jurnal Gentle Birth*, 5(1), 74–80. <https://ejournal.ikabina.ac.id/index.php/jgb/article/view/85>
- Jin, L., Yin, Y., Chen, W., Zhang, R., Guo, J., Tao, S., Guo, Z., Hou, Z., & Zhang, Y. 2021. Role of the Lumbosacral Transition Vertebra and Vertebral Lamina in the Pathogenesis of Lumbar Disc Herniation. *Orthopaedic Surgery*, 13(8), 2355–2362. <https://doi.org/10.1111/os.13122>

- Johnson, M. I., Paley, C. A., Jones, G., Mulvey, M. R., & Wittkopf, P. G. 2022. Efficacy and safety of transcutaneous electrical nerve stimulation (TENS) for acute and chronic pain in adults: A systematic review and meta-analysis of 381 studies (the meta-TENS study). *BMJ Open*, 12(2). <https://doi.org/10.1136/bmjopen-2021-051073>
- Lee, S. A., & Cha, H. G. 2023. The Effects of Microwave Diathermy on Pain and Function in Chronic Low Back Pain Patients. *Iranian Journal of Public Health*, 52(1), 205–207. <https://doi.org/10.18502/ijph.v52i1.11684>
- Liyew, W. A. 2020. Clinical Presentations of Lumbar Disc Degeneration and Lumbosacral Nerve Lesions. *International Journal of Rheumatology*, 2020. <https://doi.org/10.1155/2020/2919625>
- Lusia Intan Purnamasari, Umi Budi Rahayu, & Kingkinnarti, K. 2023. Manajemen Fisioterapi Dengan Terapi Latihan Pada Kasus Low Back Pain Et. Causa Ischialgia: a Case Report. *Journal of Innovation Research and Knowledge*, 2(12), 4585–4594. <https://doi.org/10.53625/jirk.v2i12.5637>
- Muawanah, S., Yulianti, R., Abdurrab, U., & Mandau, R. 2022. Efektivitas Intervensi Ultrasound (US) dan Stretching Exercise untuk Meningkatkan Kemampuan Fungsional Tangan pada Pasien Carpal Tunnel Syndrome di RSUD Mandau Duri Effectiveness of Ultrasound (US) and Stretching Exercises to Improve Hand Functional Ability in Carpal Tunnel Syndrome Patients at Mandau Duri Hospital. *Jurnal Fisioterapi Dan Rehabilitasi*, 6(2).
- Nastiti, R. R., & Rahayu, B. U. 2021. Physiotherapy Strategy for Patient With Herniated. *Physiotherapy Department, Faculty of Health and Science, Muhammadiyah Surakarta University *Corresponding*, 352–357.
- Nicolò, A., Massaroni, C., Schena, E., & Sacchetti, M. 2020. The importance of respiratory rate monitoring: From healthcare to sport and exercise. *Sensors (Switzerland)*, 20(21), 1–45. <https://doi.org/10.3390/s20216396>
- Pesonen, J., Rade, M., Könönen, M., Marttila, J., Shacklock, M., Vanninen, R., Kankaanpää, M., & Airaksinen, O. 2019. Normalization of Spinal Cord Displacement with the Straight Leg Raise and Resolution of Sciatica in Patients with Lumbar Intervertebral Disc Herniation: A 1.5-year Follow-up Study. *Spine*, 44(15), 1064–1077. <https://doi.org/10.1097/BRS.0000000000003047>
- Pesonen, J., Shacklock, M., Suomalainen, J. S., Karttunen, L., Mäki, J., Airaksinen, O., & Rade, M. 2022. Correction to: Extending the straight leg raise test for improved clinical evaluation of sciatica: validity and diagnostic performance with reference to the magnetic resonance imaging (BMC Musculoskeletal Disorders, (2021), 22, 1, (808), 10.1186/s12891-02. *BMC Musculoskeletal Disorders*, 23(1), 1–9. <https://doi.org/10.1186/s12891-022-05315-8>

- Purika, E. A., Aulina, S., Wuysang, A. D., & Zainuddin, A. A. 2019. Hubungan Antara Kadar Lipid Darah Dengan Derajat Herniasi Diskus Intervertebralis. *Majalah Kedokteran Neurosains Perhimpunan Dokter Spesialis Saraf Indonesia*, 36(2). <https://doi.org/10.52386/neurona.v36i2.66>
- Purwasih, Y., Prodyanatasari, A., & Salam, A. 2020. Penatalaksanaan Transcutaneous Electrical Nerve Stimulation (TENS) pada Low Back Pain Myogenic. *JURNAL PIKes Penelitian Ilmu Kesehatan*, 1(1), 16–21.
- Ramadhani, D. T., Rahmad, F., & Haryatmo. 2023. Penatalaksanaan Fisioterapi dengan Mckenzie Exercise dan Core Stability Exercise Pada Kondisi Hernia Nukleus Pulposus (HNP) Lumbal: case report. *Ahmar Metastasis Health Journal*, 2(4), 207–215. <file:///C:/Users/ASUS/Downloads/4.+Pengaruh+Kunjungan+Antenatal+Care+Dan+Pengalaman+Persalinan+Terhadap+Depresi+Pada+Ibu+Hamil.pdf>
- Rizky, Rafieqah Nalar and Mahardika, A. 2023. SENTRI : Jurnal Riset Ilmiah. *SENTRI: Jurnal Riset Ilmiah*, 2(4), 1275--1289.
- Rusmayanti, M. Y., & Kurniawan, S. N. 2023. Hnp Lumbalis. *JPHV (Journal of Pain, Vertigo and Headache)*, 4(1), 7–11. <https://doi.org/10.21776/ub.jphv.2023.004.01.2>
- Saputra, D. 2024. USG Guiding Spinal Anesthesia Pada Sectio Caesarea. *Jurnal Komplikasi Anestesi*, 11(2), 75–89. <https://doi.org/10.22146/jka.v11i2.12664>
- Sekeon, S. A. S., Susanto, D., Nyeri, S. D., Neurologi, B., Unsrat, F. K., Neurologi, P. S., & Unsrat, F. K. 2019. *Peran herniasi lumbal terhadap terjadinya sindroma kauda ekuina dan tinjauan tata laksananya contribution of lumbar herniation to cauda equina syndrome and overview of its management*. 2(1), 43–53.
- Simanjuntak, M. L., Ilyas, M., Murtala, B., & Zainuddin, A. 2021. Hubungan Antara Parameter Geometrik Sagital Lumbosakral Dengan Kejadian Hernia Nukleus Pulposus Pada Pasien Yang Dilakukan Pemeriksaan MRI Lumbosakral. *Jurnal Biomedik (Jbm)*, 13(1), 9. <https://doi.org/10.35790/jbm.13.1.2021.32080>
- Suryasa, I. K. 2018. *Degenerasi lumbal diagnosis dan tata laksana*.
- Vijian, K., Cheng, Y. T., Idris, Z., Ghani, A. R. I., Halim, S. A., & Abdullah, J. M. 2023. Manual Muscle Testing of the Scapula and the Upper Limb through Bedside Examination. *Malaysian Journal of Medical Sciences*, 30(1), 198–212. <https://doi.org/10.21315/mjms2023.30.1.17>
- Waseem, M., Ur Rehman, S. S., Ikram, M., Arif, T., Rafi, S., & Raza, T. 2022. Effects of decompression on pain, range of motion and function in patients with acute vs chronic lumbar radiculopathy. *Journal of the Pakistan Medical*

Association, 72(9), 1842–1844. <https://doi.org/10.47391/JPMA.4305>

Yelvita, F. S. 2022. Penatalaksanaan Fisioterapi pada Hernia Nukleus Pulposus (HNP) Lumbal dengan Modalitas Shortwave Diatermy (SWD), Traksi dan Mc Kenzie di RSUD Bendan Kota Pekalongan. *Pena*, 36(8.5.2017), 2003–2005.