

DAFTAR PUSTAKA

- Admassie, B. M., Lema, G. F., Ferede, Y. A., & Tegegne, B. A. (2022). Emergency nurses perceived barriers to effective pain management at emergency department in Amhara region referral hospitals, Northwest Ethiopia, 2021. Multi-center cross sectional study. *Annals of Medicine and Surgery*, 81. <https://doi.org/10.1016/j.amsu.2022.104338>
- Aguilera-Lizarraga, J. (2022). Gut reactions: emerging mechanisms of abdominal pain from food intake. In *American Journal of Physiology - Gastrointestinal and Liver Physiology* (Vol. 323, Issue 5, pp. G401–G409). American Physiological Society. <https://doi.org/10.1152/ajpgi.00173.2022>
- Astuti, R., Dwi Anggraeni, M., Awaludin, S., Studi Keperawatan, P., Imu Kesehatan, F., Jenderal Sudirman, U., & Ilmu Kesehatan, F. (2024). Science Midwifery Warm compress therapy's impact on labour pain in intranatal patient: A systematic review. In *Science Midwifery* (Vol. 12, Issue 2). Online. www.midwifery.iocspublisher.org Journalhomepage:www.midwifery.iocspublisher.org
- Aulia, N. N., Syifak, S., Amsori, A. A., & Ramadhana, A. D. S. (2025). Effect of Age and Gender on the Pain Scale of LBP Patients. *International Islamic Medical Journal*, 7(1), 57–68. <https://doi.org/10.33086/iimj.v7i1.7252>
- Awaludin, S. & Junianto. (2025). *Pain Management in the Clinical Practice with Non-Pharmacological Therapy Warm Compress: Systematic Review*. <https://doi.org/10.37287/ijghr.v7i3.6043>
- Barakat, B., Bacci, F., & Pezzilli, R. (2018). Acute abdominal pain in emergency room: Is it always a simple diagnosis? *Emergency Care Journal*, 14(3). <https://doi.org/10.4081/ecj.2018.7552>
- Bjelkarøy, M. T., Benth, J. S., Simonsen, T. B., Siddiqui, T. G., Cheng, S., Kristoffersen, E. S., & Lundqvist, C. (2024). Measuring pain intensity in older adults. Can the visual analogue scale and the numeric rating scale be used interchangeably? *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, 130. <https://doi.org/10.1016/j.pnpbp.2023.110925>
- Bryndal, A., Glowinski, S., & Grochulska, A. (2022). Influence of Occupation on the Prevalence of Spinal Pain among Physiotherapists and Nurses. *Journal of Clinical Medicine*, 11(19). <https://doi.org/10.3390/jcm11195600>
- Campbell, T. S., Johnson, J. A., & Zernicke, K. A. (2020). Gate Control Theory of Pain. In *Encyclopedia of Behavioral Medicine* (pp. 914–916). Springer International Publishing. https://doi.org/10.1007/978-3-030-39903-0_1134
- Cao, B., Xu, Q., Shi, Y., Zhao, R., Li, H., Zheng, J., Liu, F., Wan, Y., & Wei, B. (2024). Pathology of pain and its implications for therapeutic interventions. In *Signal Transduction and Targeted Therapy* (Vol. 9, Issue 1). Springer Nature. <https://doi.org/10.1038/s41392-024-01845-w>
- Cervellin, G., Mora, R., Ticinesi, A., Meschi, T., Comelli, I., Catena, F., & Lippi, G. (2016). Epidemiology and outcomes of acute abdominal pain in a large urban Emergency Department: Retrospective analysis of 5,340 cases. *Annals of Translational Medicine*, 4(19). <https://doi.org/10.21037/atm.2016.09.10>

- Charan, J., & Biswas, T. (2013). How to calculate sample size for different study designs in medical research? In *Indian Journal of Psychological Medicine* (Vol. 35, Issue 2, pp. 121–126). <https://doi.org/10.4103/0253-7176.116232>
- 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. In *Journal of Pain* (Vol. 20, Issue 3, pp. 245–263). Churchill Livingstone Inc. <https://doi.org/10.1016/j.jpain.2018.07.009>
- Coates, M. D., Clarke, K., Williams, E., Jeganathan, N., Yadav, S., Giampetro, D., Gordin, V., Smith, S., Vrana, K., Bobb, A., Gazzio, T. T., Tressler, H., & Dalessio, S. (2023). Abdominal Pain in Inflammatory Bowel Disease: An Evidence-Based, Multidisciplinary Review. *Crohn's and Colitis* 360, 5(4). <https://doi.org/10.1093/crocol/otad055>
- Cohen, J. (2013). *Statistical Power Analysis for the Behavioral Sciences*. Routledge. <https://doi.org/10.4324/9780203771587>
- Dastjerd, F., Erfanian Arghavanian, F., Sazegarnia, A., Akhlaghi, F., Esmaily, H., & Kordi, M. (2023). Effect of infrared belt and hot water bag on labor pain intensity among primiparous: a randomized controlled trial. *BMC Pregnancy and Childbirth*, 23(1). <https://doi.org/10.1186/s12884-023-05689-0>
- Delgado, A., Ok, S. M., Ho, D., Lynd, T., & Cheon, K. (2021). Evaluation of children's pain expression and behavior using audio visual distraction. *Clinical and Experimental Dental Research*, 7(5), 795–802. <https://doi.org/10.1002/cre2.407>
- Dwi Utami, A., & Rahmayunia Kartika, I. (n.d.). Terapi Komplementer Guna Menurunkan Nyeri Pasien Gastritis: Literatur Review. In *REAL in Nursing Journal (RNJ)*. <https://ojs.fdk.ac.id/index.php/Nursing/index>
- Farahmand, M., Khooshab, E., Hasanzadeh, F., Amooee, S., & Akbarzadeh, M. (2020). The effect of warm compress Bi-stage on pain strength in labor stages and after delivery. *International Journal of Women's Health and Reproduction Sciences*, 8(1), 46–52. <https://doi.org/10.15296/ijwhr.2020.06>
- Farmer, A. d., & Aziz, Q. (2014). Mechanisms and management of functional abdominal pain. In *Journal of the Royal Society of Medicine* (Vol. 107, Issue 9, pp. 347–354). <https://doi.org/10.1177/0141076814540880>
- Fogh Kasum, C. V., Skjøt-Arkil, H., Sparre Hansen, J. M., Overgaard, H., & Specht, K. (2024). Experience of admission and readmission to the emergency department for patients with acute abdominal pain: A qualitative study. *International Emergency Nursing*, 76. <https://doi.org/10.1016/j.ienj.2024.101503>
- García-Pérez-de-Sevilla, G., Franco, A. B., Trinidad, A., Gasque-Celma, P., & del-Blanco-Muñiz, J. Á. (2025). Stress, pain intensity, and work productivity in individuals with chronic pain: a cross-sectional observational study. *BMC Public Health*, 25(1). <https://doi.org/10.1186/s12889-025-23547-w>
- Hakim, L. N. (2020). Urgensi revisi undang-undang tentang kesejahteraan lanjut usia. *Aspirasi: Jurnal Masalah-Masalah Sosial*, 11(1), 43–55. <https://doi.org/10.46807/aspirasi.v11i1.1589>

- Halsey-Nichols, M., & McCain, N. (2021). Abdominal Pain in the Emergency Department. *Emergency Medicine Clinics of North America*, 39(4), 703–717. <https://doi.org/10.1016/j.emc.2021.07.005>
- Hariati, H., Ismayadi, I., & Nasution, S. S. (2020). Decreasing Of Pain Scale Through Warm Compress Among Elderly With Rheumatoid Arthritis. In *Jurnal Penelitian Keperawatan Medik* (Vol. 3, Issue 2). <http://ejournal.delihusada.ac.id/index.php/JPKM>
- Hendryadi, H. (2017). Validitas isi: Tahap awal pengembangan kuesioner. *Jurnal Riset Manajemen Dan Bisnis (JRMB) Fakultas Ekonomi UNIAT*, 2(2), 169–178. <https://doi.org/10.36226/jrmb.v2i2.47>
- Hotfiel, T., Fanlo-Mazas, P., Malo-Urries, M., Paulino, E., Sequeira de Medeiros, L., Blondett, M., Vetrano, M., & Freiwald, J. (2024). Importance of heat therapy in the treatment of pain in the daily clinical practice. *Journal of Bodywork and Movement Therapies*, 38, 263–268. <https://doi.org/10.1016/j.jbmt.2024.01.015>
- Jusuf, H., Adityaningrum, A., Yunus, R., Olahraga, F., Kesehatan, D., & Gorontalo, U. N. (2022). Determinan Kejadian Gastritis Pada Mahasiswa The Determinants Of Gastritis Among Students. *Jambura Health and Sport Journal*, 4(2).
- Kang, H., Yeon, K., & Han, S.-T. (2015). A Review on the Use of Effect Size in Nursing Research. *Journal of Korean Academy of Nursing*, 45(5), 641. <https://doi.org/10.4040/jkan.2015.45.5.641>
- Kolcaba, K. (2001). Evolution of the mid-range theory of comfort for outcomes research. *Nursing Outlook*, 49(2), 86–92. <https://doi.org/10.1067/mno.2001.110268>
- Kushariyadi, Maulida, R. R. R., Ridla, A. Z., & Candra, E. Y. S. (2023). Warm Compress Therapy to Resolved Acute Pain Nursing Problems: A Case Study. *Jurnal Kegawatdaruratan Medis Indonesia*, 2(2), 212–222. <https://doi.org/10.58545/jkmi.v2i2.130>
- Kwon, O. S., Kwon, B., Kim, J., & Kim, B. H. (2022). Effects of Heating Therapy on Pain, Anxiety, Physiologic Measures, and Satisfaction in Patients Undergoing Cystoscopy. *Asian Nursing Research*, 16(2), 73–79. <https://doi.org/10.1016/j.anr.2022.02.002>
- Muhamad Ridlo, N. I. L. S. A. R. V. C. S. (2023). *Penerapan Teori Model Kolcaba Dalam Asuhan Keperawatanpasien Dengan Cholitiasis Dalam Menurunkan Nyeri: Case Study*. 1–4.
- Nakagawa, T., Hiraga, S. ichiro, Mizumura, K., Hori, K., Ozaki, N., & Koeda, T. (2018). Topical thermal therapy with hot packs suppresses physical inactivity-induced mechanical hyperalgesia and up-regulation of NGF. *Journal of Physiological Sciences*, 68(5), 629–637. <https://doi.org/10.1007/s12576-017-0574-4>
- Notoatmodjo, S. (2010). *Metodologi Penelitian Kesehatan*. Rineka Cipta.
- Nursalam. (2016). *Metodologi penelitian ilmu keperawatan*. salemba medika.
- Pan, M. (2023). Prototyping methods: techniques and its significance. *Journal of Research and Development*, 11(2), 216. <https://doi.org/10.35248/2311.3278.23.11.216>
- Parker, R., Bedwell, G. J., Hodgkinson, P., Lourens, A., & Setshedi, M. (2021). Managing acute abdominal pain in the emergency centre: Lessons from a

- patient's experience. In *African Journal of Emergency Medicine* (Vol. 11, Issue 4, pp. 483–486). African Federation for Emergency Medicine. <https://doi.org/10.1016/j.afjem.2021.06.006>
- Pieretti, S., Di Giannuario, A., Di Giovannandrea, R., Marzoli, F., Piccaro, G., Minosi, P., & Aloisi, A. M. (2016). Gender differences in pain and its relief. *Annali Dell'Istituto Superiore Di Sanita*, 52(2), 184–189. https://doi.org/10.4415/ANN_16_02_09
- Rinaudo, C. M., Van de Velde, M., Steyaert, A., & Mouraux, A. (2025). Navigating the biopsychosocial landscape: A systematic review on the association between social support and chronic pain. *PLoS ONE*, 20(4 April). <https://doi.org/10.1371/journal.pone.0321750>
- Sakamoto, J. T., Ward, H. B., Vissoci, J. R. N., & Eucker, S. A. (2018). Are Nonpharmacologic Pain Interventions Effective at Reducing Pain in Adult Patients Visiting the Emergency Department? A Systematic Review and Meta-analysis. In *Academic Emergency Medicine* (Vol. 25, Issue 8, pp. 940–957). Blackwell Publishing Inc. <https://doi.org/10.1111/acem.13411>
- Sarwono, A. E., & Handayani, A. (2021). *Metode kuantitatif* (Issue 1940310019). Unisri Press.
- Sasongko, A., Jayanti, W. E., & Risdiansyah, D. (2020). USE kuestionnaire untuk mengukur daya guna sistem informasi e-tadkzirah. *Jurnal Khatulistiwa Informatika*, 8(2). <https://doi.org/10.31294/jki.v8i2.9135>
- Sufka, K. J., & Price, D. D. (2002). Gate Control Theory Reconsidered. In *Brain and Mind* (Vol. 3).
- Sugiyono. (2022). *Metode penelitian kuantitatif, kualitatif, dan R&D*. Alfabeta Bandung.
- Thakur, J. K., & Kumar, R. (2019). Epidemiology of acute abdominal pain: a cross-sectional study in a tertiary care hospital of Eastern India. *International Surgery Journal*, 6(2), 345. <https://doi.org/10.18203/2349-2902.isj20190380>
- Velissaris, D., Karanikolas, M., Pantzaris, N., Kipourgos, G., Bampalis, V., Karanikola, K., Fafliora, E., Apostolopoulou, C., & Gogos, C. (2017). Acute Abdominal Pain Assessment in the Emergency Department: The Experience of a Greek University Hospital. *Journal of Clinical Medicine Research*, 9(12), 987–993. <https://doi.org/10.14740/jocmr3206w>
- Wahyu Prihashinta, A., & Putriana, D. (2022). *Asupan Vitamin D, Frekuensi Makan dan Keluhan Gejala Gastritis Pada Mahasiswa*. 11(2), 120–125. <http://ejournal3.undip.ac.id/index.php/jnc/>
- Wari Harahap, Y., Riana Pasaribu, A., Studi Ilmu Kesehatan Masyarakat, P., Aufa Royhan, U., Lumut, P., & Tengah, T. (2023). *The Indonesian Journal of Health Promotion MPPKI Media Publikasi Promosi Kesehatan Indonesia Mekanisme Koping dan Intensitas Nyeri Haid pada Remaja Putri di SMKN 1 Lumut Coping Mechanisms and Intensity of Menstrual Pain in Young Girls at SMKN 1 Lumut*. 6(5). <https://doi.org/10.31934/mparki.v2i3>
- Zajacova, A., Rogers, R. G., Grodsky, E., & Grol-Prokopczyk, H. (2020). The Relationship Between Education and Pain Among Adults Aged 30–49 in the United States. *Journal of Pain*, 21(11–12), 1270–1280. <https://doi.org/10.1016/j.jpain.2020.03.005>