

## DAFTAR PUSTAKA

- Abdelfatah, D. A. A., Ahmed, D. A. A. S., Amer, M. A. M., Harby, S. S. E., & Abdelaty, H. I. M. (2024). The effect of deep breathing exercise versus 4-7-8 breathing technique on insomnia, pain, and anxiety among patients with burn injuries. *Egyptian Journal of Nursing and Health Sciences*, 5(3), 51–71. <https://doi.org/10.21608/ejnhs.2024.382869>
- Ananda, Y., Gusdiansyah, E., Helmi, S. T., & Agesti, D. H. (2024). *manajemen nyeri dalam keperawatan dasar*.
- Azizah, A. N. (2026). Penerapan 4–7–8 breathing exercise sebagai alternatif terapi menurunkan tekanan darah pada pasien post general anestesi. *Jurnal Studi Keperawatan*, 7(1), 26–30. <https://doi.org/10.31983/j-sikep.v7i1.14010>
- Bahlail, R., Somantri, I., & Nurhakim, F. (2024). Perubahan pengetahuan perawat sebelum dan setelah diberikan pendidikan evidence-based nursing melalui video conference. *Media Karya Kesehatan*, 7(2), 216–224. <https://doi.org/10.24198/mkk.v7i2.55375>
- Bakti, A. S., dkk. (2024). *Bunga rampai manajemen nyeri keperawatan*. Jakarta: Media Pustaka Indo.
- Black, J. M., & Hawks, J. H. (2021). *Medical-surgical nursing: Clinical management for positive outcomes* (11th ed.). St. Louis, MO: Elsevier.
- Cleveland Clinic. (2022). *How to do the 4-7-8 breathing exercise*. Diakses pada 26 Juni 2026, dari <https://health.clevelandclinic.org/4-7-8-breathing/>
- Davis, M., Robbins Eshelman, E., & McKay, M. (2019). *The relaxation and stress reduction workbook* (7th ed.). Oakland, CA: New Harbinger Publications.

- Dewi, K. W. P., Aryawan, K. Y., & Tania, L. L. A. (2026). Asuhan keperawatan nyeri akut pada pasien pasca operasi osteoarthritis dengan relaksasi Benson. *Jurnal Kesehatan Tambusai*, 7(1), 10828–10834. <https://doi.org/10.31004/jkt.v7i1.53860>
- Ekaputri, M., Susanto, G., Paryono, Kusumaningtiyas, D. P. H., Aisyah, & Naryati. (2024). *Proses keperawatan: Konsep, implementasi, dan evaluasi*. Klaten: Tahta Media Group.
- Eskici İlgin, V., & Yayla, A. (2023a). Effect of the 4-7-8 breathing technique on pain level and sleep quality of patients after laparoscopic bariatric surgery: A randomized controlled study. *Bariatric Surgical Practice and Patient Care*, 18(4), 225–232. <https://doi.org/10.1089/bari.2022.0044>
- Eskimez, Z., Keskin, A., Kurt, E., Özbarlas, H. S., Tekin, M., & Kundakçı, B. (2026). 4-7-8 breathing techniques make it possible to reduce pain associated with total knee arthroplasty: A new technique in respiratory exercises. *Journal of PeriAnesthesia Nursing*, 41(1), 48–53. <https://doi.org/10.1016/j.jopan.2025.04.009>
- Fitriani, D., Ardi, N. B., Bahriati, L., et al. (2025). Pengaruh operasi *total knee replacement* terhadap kualitas hidup pasien *osteoarthritis* di rumah sakit umum Tangerang Selatan: Kualitas hidup pasien *osteoarthritis*. *Nursing Analysis: Journal of Nursing Research*, 5(1), 50–58. <https://doi.org/10.37010/najnr.v5i1.1992>
- Forbes Health. (2023). *4-7-8 breathing: How does it work?* Diakses pada 26 Juni 2026, dari <https://www.forbes.com/health/mind/4-7-8-breathing/>

- Gemayel, A. C., & Varacallo, M. A. (2024). *Total knee replacement techniques*. Treasure Island, FL: StatPearls Publishing.
- Grzelak, S., Bérubé, M., Gagnon, M.-A., Côté, C., Turcotte, V., Pelet, S., & Belzile, É. (2022). Pain management strategies after orthopaedic trauma: A mixed-methods study with a view to optimizing practices. *Journal of Pain Research*, 15, 385–402. <https://doi.org/10.2147/JPR.S342627>
- Harikesavan, K., Chakravarty, R. D., & Maiya, A. G. (2019). Influence of early mobilization program on pain, self-reported and performance based functional measures following total knee replacement. *Journal of Clinical Orthopaedics and Trauma*, 10(2), 340–344. <https://doi.org/10.1016/j.jcot.2018.04.017>
- Helmi, Z. N. (2020). *Buku ajar gangguan muskuloskeletal*. Jakarta: Salemba Medika.
- Herdman, T. H., & Kamitsuru, S. (Eds.). (2021). *NANDA International nursing diagnoses: Definitions and classification, 2021–2023*. New York: Thieme. <https://doi.org/10.1055/b0000000515>
- Hinkle, J. L., Cheever, K. H., & Overbaugh, K. J. (2022). *Brunner & Suddarth's textbook of medical-surgical nursing* (15th ed., Vol. 1). Philadelphia, PA: Wolters Kluwer.
- Ignatavicius, D. D., Workman, M. L., Rebar, C. R., & Heimgartner, N. M. (2021). *Medical-surgical nursing: Concepts for interprofessional collaborative care* (10th ed.). St. Louis, MO: Elsevier.

- Ivonne, N., Gasper, A. V., Sarayar, C., Siagian, H. J., Montolalu, A., Masrikat, M. C., Jeanne, Adam, Z., Usraleli, Djaafar, N., Sari, L. A., Sineke, J., & Esther, S. N. (2025). *Keterampilan klinis keperawatan*. Jakarta: Media Pustaka Indo.
- Joshi, G. P., & Kehlet, H. (2019). Postoperative pain management in the era of ERAS: An overview. *Best Practice & Research Clinical Anaesthesiology*, 33(3), 259–267. <https://doi.org/10.1016/j.bpa.2019.07.016>
- Julius, J., Lalenoh, D. C., & Kambey, B. I. (2025). Profil nyeri pada pasien pascaoperasi *total knee arthroplasty* di RSUP Prof. Dr. R. D. Kandou Manado. *e-CliniC*, 13(3), 428–432. <https://doi.org/10.35790/eci.v13i3.6266>
- Kehlet, H., Jensen, T. S., & Woolf, C. J. (2006). Persistent postsurgical pain: Risk factors and prevention. *The Lancet*, 367(9522), 1618–1625. [https://doi.org/10.1016/S0140-6736\(06\)68700-X](https://doi.org/10.1016/S0140-6736(06)68700-X)
- Koga, M., Maeda, A., & Morioka, S. (2024). Description of pain associated with persistent postoperative pain after total knee arthroplasty. *Scientific Reports*, 14(1), Article 15441. <https://doi.org/10.1038/s41598-024-66122-w>
- Kohn, M. D., Sassoon, A. A., & Fernando, N. D. (2016). Classifications in brief: Kellgren-Lawrence classification of osteoarthritis. *Clinical Orthopaedics and Related Research*, 474(8), 1886–1893. <https://doi.org/10.1007/s11999-016-4732-4>
- Kurlyandchik, I., Lauche, R., Tiralongo, E., Warne, L. N., & Schloss, J. (2022). Postsurgical pain: Risk factors and prevention. *PAIN Reports*, 7(6), e1045. <https://doi.org/10.1097/PR9.0000000000001045>

- Kusumawati, E. (2024). *Laporan studi kasus relaksasi napas dalam untuk penurunan nyeri pada pasien dengan post operasi osteoarthritis genu dextra dengan tindakan total knee replacement (TKR) di RSUP Dr. Soeradji Tirtonegoro Klaten* (Karya Ilmiah Akhir Ners). Universitas Muhammadiyah Klaten. <http://repository.umkla.ac.id/id/eprint/3665>
- Lewis, S. L., Bucher, L., Heitkemper, M. M., Harding, M. M., Kwong, J., & Roberts, D. (2020). *Medical-surgical nursing: Assessment and management of clinical problems* (11th ed.). St. Louis, MO: Elsevier.
- Li, J., Guan, T., Zhai, Y., & Zhang, Y. (2024). Risk factors of chronic postoperative pain after total knee arthroplasty: A systematic review. *Journal of Orthopaedic Surgery and Research*, 19(1), Article 504. <https://doi.org/10.1186/s13018-024-04778-w>
- Lovegrove, J., Tobiano, G., Chaboyer, W., Carlini, J., Liang, R., Addy, K., & Gillespie, B. M. (2024). Clinicians' perceptions of enhanced recovery after surgery (ERAS) protocols to improve patient safety in surgery: A national survey from Australia. *Patient Safety in Surgery*, 18(1), Article 12. <https://doi.org/10.1186/s13037-024-00397-w>
- Luo, D., Fan, Z., & Yin, W. (2024). Chronic post-surgical pain after total knee arthroplasty: A narrative review. *Perioperative Medicine*, 13(1), Article 108. <https://doi.org/10.1186/s13741-024-00466-9>
- Luo, D., Fan, Z., & Yin, W. (2024). Chronic post-surgical pain after total knee arthroplasty: A narrative review. *Perioperative Medicine*, 13(1), Article 108. <https://doi.org/10.1186/s13741-024-00466-9>

- McCaffery, M., & Pasero, C. (2019). *Pain: Clinical manual* (3rd ed.). St. Louis, MO: Mosby.
- Mears, L., & Mears, J. (2023). The pathophysiology, assessment, and management of acute pain. *British Journal of Nursing*, 32(2), 58–65.  
<https://doi.org/10.12968/bjon.2023.32.2.58>
- Mulki, M. M., Ta'adi, & Sunarjo, L. (2021). Effectiveness of deep breath relaxation techniques and music therapy on reducing anxiety level among preoperative patients. *International Journal of Nursing and Health Services*, 4(1), 49–56.  
<https://doi.org/10.35654/ijnhs.v4i1.389>
- Paladini, A., Rawal, N., Coca Martinez, M., Trifa, M., Montero, A., Pergolizzi, J., Pasqualucci, A., Narvaez Tamayo, M. A., Varrassi, G., & De Leon Casasola, O. (2023). Advances in the management of acute postsurgical pain: A review. *Cureus*, 15(8), e42974. <https://doi.org/10.7759/cureus.42974>
- Pascoe, M. C., Thompson, D. R., & Ski, C. F. (2017). Yoga, mindfulness-based stress reduction and stress-related physiological measures: A meta-analysis. *Psychoneuroendocrinology*, 86, 152–168.  
<https://doi.org/10.1016/j.psyneuen.2017.08.008>
- Pinzon, R. T. (2018). *Pengkajian nyeri*. Yogyakarta: Betha Grafika.
- Potter, P. A., Perry, A. G., Stockert, P. A., & Hall, A. M. (2021). *Fundamentals of nursing* (10th ed.). St. Louis, MO: Elsevier.
- Putra, A., Kumala, I., Ramadhan, M. A., & Mutiara, C. (2018). Perbandingan perhitungan *numeric rating scale* pada pasien osteoarthritis sendi lutut *pre* dan *post total knee replacement* di RS Urip Sumoharjo Kota Bandar Lampung

tahun 2015–2016. *Jurnal Kedokteran Universitas Lampung*, 2(2), 68–76.

<https://doi.org/10.23960/jkunila.v2i2.pp68-76>

Rosid Al Islam, K., Agung Nugroho, F., & Muhammadiyah Gombong, S. (2019).

Hubungan edukasi perawat saat *preoperatif* dengan pengetahuan *postoperatif* pada pasien pembedahan di RS PKU Muhammadiyah Gombong. *Medisains*, 17(2), 52–58. <https://doi.org/10.30595/medisains.v17i2.5075>

Siddiqi, A., Levine, B. R., & Springer, B. D. (2022). Highlights of the 2021 American Joint Replacement Registry annual report. *Arthroplasty Today*, 13, 205–207. <https://doi.org/10.1016/j.artd.2022.01.020>

Smeltzer, S. C., Bare, B. G., Hinkle, J. L., & Cheever, K. H. (2013). *Brunner & Suddarth's textbook of medical-surgical nursing* (12th ed.). Philadelphia, PA: Lippincott Williams & Wilkins.

Syafrinanda, V., Indriani, R., & Mokodongan, R. S. (2025). *Kebutuhan dasar manusia*. Jakarta: Media Pustaka Indo.

Tim Pokja SDKI DPP PPNI. (2017). *Standar diagnosis keperawatan Indonesia (SDKI)* (1st ed.). Jakarta: Dewan Pengurus Pusat Persatuan Perawat Nasional Indonesia.

Vierra, J., Boonla, O., & Prasertsri, P. (2022). Effects of sleep deprivation and 4-7-8 breathing control on heart rate variability, blood pressure, blood glucose, and endothelial function in healthy young adults. *Physiological Reports*, 10(13), e15389. <https://doi.org/10.14814/phy2.15389>

- Weil, A. (2020). *Three breathing exercises and techniques*. Diakses pada 26 Juni 2026, dari <https://www.drweil.com/health-wellness/body-mind-spirit/stress-anxiety/breathing-three-exercises/>
- Wijaya, A. S. (2021). Peran pemberian terapi latihan pasca operasi *total knee arthroplasty* pada kasus *osteoarthritis*: Artikel review. *Jurnal Ilmiah Fisioterapi*, 4(2), 85–94.
- Wooden, S. (2024). Chronic postsurgical pain. *Critical Care Nursing Clinics of North America*, 36(4), 585–595. <https://doi.org/10.1016/j.cnc.2024.04.008>
- World Health Organization. (2022). *Global guidelines for the prevention of surgical site infection* (2nd ed.). Geneva: World Health Organization.
- Yazıcı, G., Yılmaz, K., Bulut, H., Kaşıkçı, H. Ö., Palteki, T., Karabulut, A. B., & Memişoğlu, K. (2022). The prevalence of pain in the first 24 hours after surgery: A multicenter study. *Journal of PeriAnesthesia Nursing*, 37(1), 122–129. <https://doi.org/10.1016/j.jopan.2021.03.008>
- Zahra, R. C., Dewi, E., & Marumpy, N. (2023). Foot reflexology and 4-7-8 breathing exercise as supporting therapy to reduce anxiety and maintain vital signs of ICU patients. *Jurnal Berita Ilmu Keperawatan*, 16(2), 182–191. <https://doi.org/10.23917/bik.v16i2.22842>
- Zhao, C., Liao, Q., Yang, D., Yang, M., & Xu, P. (2024). Advances in perioperative pain management for total knee arthroplasty: A review of multimodal analgesic approaches. *Journal of Orthopaedic Surgery and Research*, 19(1), Article 835. <https://doi.org/10.1186/s13018-024-05324-4>

Zhao, X., Yao, S., Hu, J., & Tao, L. (2024). Nonpharmacologic interventions for acute pain after total knee arthroplasty. *Asian Journal of Surgery*, 47(4), 2058–2060. <https://doi.org/10.1016/j.asjsur.2024.01.021>

