

## DAFTAR PUSTAKA

- Afify, N., & Mahdy, W. (2023). Local wound infiltration with fentanyl vs ketamine after open abdominal hysterectomy: a prospective, randomized, double-blind study. *Anaesthesia, Pain & Intensive Care*, 27(2), 250–255. <https://doi.org/10.35975/apic.v27i2.2196>
- Al Hasbi, H., & Muntiasih. (2024). Efektivitas Pemberian Teknik Valsava Manuver terhadap Intensitas Nyeri Penusukan Arteriovenous Fistula pada Pasien Hemodialisa di RSUD Banyu Bening. *JCK: Journal of Nursing & Health Sciences*, 1(1), 13–23.
- Al-orjani, Q., Alshriem, L. A., Gallagher, G., Buqaileh, R., Azizi, N., & AbouAlaiwi, W. (2025). Mechanistic Insights into the Pathogenesis of Polycystic Kidney Disease. *Cells*, 14(15), 1203. <https://doi.org/10.3390/cells14151203>
- Arasu, R., Jegatheesan, D., & Sivakumaran, Y. (2022). Overview of hemodialysis access and assessment. *Canadian Family Physician*, 68(8), 577–582. <https://doi.org/10.46747/cfp.6808577>
- Asmarani, J. P., Kusumaningrum, P. R., & Suciana, F. (2024). Penerapan Exercise Ankle Pump terhadap Penurunan Edema pada Penderita Chronic Kidney Disease di Dukuh Ngemplak Desa Glagah Jatinom. *Conference of Health and Social Humaniora*, 3(1), 7–13.
- Azza Husnu Wahda, Dwi Retno Sulistyaningsih, & Erna Melastuti. (2025). Pengaruh Kompres Dingin terhadap Nyeri Kanulasi Arteriovena Fistula (AVF) pada Pasien yang Menjalani Hemodialisis. *Quantum Wellness : Jurnal Ilmu Kesehatan*, 2(3), 270–283. <https://doi.org/10.62383/quwell.v2i3.2299>
- Badura, K., Janc, J., Wąsik, J., Gnitecki, S., Skwira, S., Młynarska, E., Rysz, J., & Franczyk, B. (2024). Anemia of Chronic Kidney Disease—A Narrative Review of Its Pathophysiology, Diagnosis, and Management. *Biomedicines*, 12(6), 1191. <https://doi.org/10.3390/biomedicines12061191>
- Bielewicz, J., Daniluk, B., & Kamieniak, P. (2022). VAS and NRS, Same or Different? Are Visual Analog Scale Values and Numerical Rating Scale

Equally Viable Tools for Assessing Patients after Microdiscectomy? *Pain Research and Management*, 2022, 1–6. <https://doi.org/10.1155/2022/5337483>

Black, J. M., & Hawks, J. H. (2014). *Keperawatan Medikal Bedah : Manajemen Klinis untuk Hasil yang Diharapkan*. ELSEVIER.

Bossola, M., Mariani, I., Strizzi, C. T., Piccinni, C. P., & Di Stasio, E. (2025). How to Limit Interdialytic Weight Gain in Patients on Maintenance Hemodialysis: State of the Art and Perspectives. *Journal of Clinical Medicine*, 14(6), 1846. <https://doi.org/10.3390/jcm14061846>

Cahyaningtyas, P. Y., Purwanti, O. S., & Purnama, A. P. (2020). Efek Terapi Akupresur Point Hugo untuk Mengurangi Nyeri Tusukan Arteriovenous Fistula pada Pasien yang Menjalani Hemodialisa di RS PKU 'Aisyiyah Boyolali'. *Indonesian Journal of Nursing Health Science*, 5(1), 75–84.

Cahyaningtyas, P. Y., Sri Purwanti, O., Putra Purnama, A., & Purwanti, O. S. (2020). Efek Terapi Akupresur Point Hugo untuk Mengurangi Nyeri Tusukan Arteriovenous Fistula pada Pasien yang Menjalani Hemodialisa di RS PKU 'Aisyiyah Boyolali'. *Indonesian Journal of Nursing Health Science ISSN*, 5(1), 75–84.

Can, G., & Tulek, Z. (2023). *Medical Nursing*. Nova Science Publishers.

Center for Disease Control and Prevention. (2024). *Testing for Chronic Kidney Disease*. Center for Disease Control and Prevention.

Çevik, B., & Taşcı, S. (2020). The effect of acupressure on upper extremity pain and quality of life in patients hemodialysis treatment: A Randomized Controlled Trial. *Complementary Therapies in Clinical Practice*, 39, 101128. <https://doi.org/10.1016/j.ctcp.2020.101128>

Çevik, B., Turgay, G., Inanoğlu, I., Kaya, S., & Sayin, C. B. (2024). Effect of acupressure applied to L4 point on the severity of fistula needle pain in patients: A randomised control trial. *Journal of Renal Care*, 50(1), 47–54. <https://doi.org/10.1111/jorc.12457>

Chen, T., Lee, V. W., & Harris, D. C. (2018). When to initiate dialysis for end-stage kidney disease: evidence and challenges. *Medical Journal of Australia*, 209(6), 275–279. <https://doi.org/10.5694/mja18.00297>

Daugirdas, J. (2018). *Handbook of Chronic Kidney Disease Management* (2nd ed.). Wolters Kluwer.

Dehghan, M., Hosseini, S. J., Shahrbabaki, P. M., Forouzi, M. A., & Roy, C. (2023). The Effect of Acupressure and Cryotherapy on the Pain of Patients on Hemodialysis During Arteriovenous Fistula Cannulation: A Randomized

Crossover Clinical Trial. *Nephrology Nursing Journal: Journal of the American Nephrology Nurses' Association*, 50(2), 131–139.

- Delrue, C., & Speeckaert, M. M. (2025). Beyond Blood Pressure: Emerging Pathways and Precision Approaches in Hypertension-Induced Kidney Damage. *International Journal of Molecular Sciences*, 26(15), 7606. <https://doi.org/10.3390/ijms26157606>
- Dina, P. I., Ikbali, R. N., & Mailita, W. (2024). Kepatuhan Pembatasan Cairan dan Kejadian Edema pada Pasien Gagal Ginjal Kronik yang Menjalani Hemodialisa. *Jik Jurnal Ilmu Kesehatan*, 8(2), 242. <https://doi.org/10.33757/jik.v8i2.917>
- Dinas Kesehatan Provinsi DKI Jakarta. (2023). *Profil Kesehatan Provinsi DKI Jakarta Tahun 2023*.
- Dovonou, A. C., Alassani, A. C., Saké, K., Adè, S., Attinsounon, C. A., Ahoui, S., Degla, J., Tchégnoni, T. F., Zannou, D. M., Adè, G., & Houngré, F. (2017). Epidemiological, Clinical and Etiological Aspects of Ascites in the Medicine Department at the Departmental University Hospital of Borgou. *Open Journal of Internal Medicine*, 07(03), 58–63. <https://doi.org/10.4236/ojim.2017.73006>
- Fareed, L., Saeed, A. A., & Ahmed, Y. A. (2025). Pain and Anxiety During AV Fistula Cannulation Among Hemodialysis Patients. *Biological and Clinical Sciences Research Journal*, 6(4), 27–30. <https://doi.org/10.54112/bcsrj.v6i4.1647>
- Forcey, D., Tran, D., Connor, J., Ayudhya, P. K. N., Ocampo, C., Nelson, C., & Crikis, S. (2023). Improving assessment and escalation of threatened haemodialysis access: results of a nursing-led program. *BMC Nephrology*, 24(1), 268. <https://doi.org/10.1186/s12882-023-03321-z>
- GBD Chronic Kidney Disease Collaboration. (2020). Global, Regional and National Burden of Chronic Kidney Disease, 1990-2017: A Systematic Analysis for the Global Burden of Disease Study 2017. *The Lancet*, 395(10225), 709–733.
- Gerogianni, G. (2023). Factors Affecting Pain in Hemodialysis and Non-pharmacological Management. *Cureus*. <https://doi.org/10.7759/cureus.35448>
- Guo, L., Fu, B., Liu, Y., Hao, N., Ji, Y., & Yang, H. (2023). Diuretic resistance in patients with kidney disease: Challenges and opportunities. *Biomedicine & Pharmacotherapy*, 157, 114058. <https://doi.org/10.1016/j.biopha.2022.114058>
- Hadinata, D., & Abdillah, A. J. (2022). *Metodologi Keperawatan* (S. Wahyuni, Ed.; 1st ed.). Widina Media Utama.

Lulu Bastareina, 2026

**ANALISIS ASUHAN KEPERAWATAN DENGAN PENERAPAN TERAPI ACUPRESSURE PADA TITIK LI-4 TERHADAP TINGKAT NYERI INSERSI ARTERIOVENOUS FISTULA (AVF) PADA PASIEN YANG MENJALANI HEMODIALISIS DI RS JAKARTA**

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- Haider, M., & Aslam, A. (2023, July 31). *Oliguria*. StatPearls [Internet].
- Hasanah, U., Dewi, N. R., Ludiana, Pakarti, A. T., & Inayati, A. (2023). Analisis Faktor-Faktor Risiko Terjadinya Penyakit Ginjal Kronik Pada Pasien Hemodialisis. *Jurnal Wacana Kesehatan*, 8(2), 96–103.
- Herwinda, H., Kusumajaya, H., & Faizal, Kgs. M. (2023). Faktor-faktor yang berhubungan dengan kejadian hipervolemia pada pasien Gagal Ginjal Kronik yang menjalani hemodialisis di ruang hemodialisa Rumah Sakit Medika Stannia Sungailiat tahun 2022. *Journal of Nursing Practice and Education*, 3(2), 118–126. <https://doi.org/10.34305/jnpe.v3i2.678>
- Ibrahim, M. B., Abdelaal Badawi, S. E., & Alameri, R. A. (2022). Assessment of Pain and Anxiety During Arteriovenous Fistula Cannulation Among Hemodialysis Patients: A Cross-Sectional Study in Saudi Arabia. *Journal of Multidisciplinary Healthcare, Volume 15*, 705–718. <https://doi.org/10.2147/JMDH.S344256>
- International Association for the Study of Pain. (2020, July 16). *IASP Announces Revised Definition of Pain*. International Association for the Study of Pain.
- International Society of Nephrology. (2023). *Global Kidney Health Atlas*. [www.theisn.org/global-atlas](http://www.theisn.org/global-atlas)
- Jamila, I. N., & Herlina, S. (2019). Study Comparatif Kualitas Hidup Antara Pasien Hemodialisis Dengan Pasien Continuous Ambulatory Peritoneal Dialysis (CAPD). *Journal of Islamic Nursing*, 4(2), 54. <https://doi.org/10.24252/join.v4i2.10025>
- Johansen, K. L., Chertow, G. M., Gilbertson, D. T., Herzog, C. A., Ishani, A., Israni, A. K., Ku, E., Li, S., Li, S., Liu, J., Obrador, G. T., O’Hare, A. M., Peng, Y., Powe, N. R., Roetker, N. S., St. Peter, W. L., Saeed, F., Snyder, J., Solid, C., ... Wetmore, J. B. (2022). US Renal Data System 2021 Annual Data Report: Epidemiology of Kidney Disease in the United States. *American Journal of Kidney Diseases*, 79(4), A8–A12. <https://doi.org/10.1053/j.ajkd.2022.02.001>
- Khasanah, A. U., & Nurlaila. (2024). *Pemijatan Titik Li-4 Dapat Mengurangi Nyeri Kanulasi Arteriovenousfistula Pada Pasien Ckd Yang Menjalani Hemodialisa: Studi Kasus*. 1(3), 152–159. <https://doi.org/10.62335>
- Kurita, N., Hayashino, Y., Yamazaki, S., Akizawa, T., Akiba, T., Saito, A., & Fukuhara, S. (2017). Revisiting Interdialytic Weight Gain and Mortality Association With Serum Albumin Interactions: The Japanese Dialysis Outcomes and Practice Pattern Study. *Journal of Renal Nutrition*, 27(6), 421–429. <https://doi.org/10.1053/j.jrn.2017.05.003>
- Laursen, J. C., Søndergaard-Heinrich, N., Haddock, B., Rasmussen, I. K. B., Hansen, C. S., Larsson, H. B. W., Groop, P.-H., Bjornstad, P., Frimodt-Møller,

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- M., Andersen, U. B., & Rossing, P. (2022). Kidney oxygenation, perfusion and blood flow in people with and without type 1 diabetes. *Clinical Kidney Journal*, 15(11), 2072–2080. <https://doi.org/10.1093/ckj/sfac145>
- LeMone, Priscilla, Burke, Karen, M., Bauldoff, Gerene, Gubrud, & Paula. (2017). *Medical-Surgical Nursing: Critical Thinking for Person Centred Care* (LeMone, Priscilla, Burke, M. Karen, Bauldoff, Gerene, Gubrud, & Paula, Eds.; 3rd ed., Vol. 3). Pearson Education.
- Liu, S., & Kelliher, L. (2022). Physiology of pain—a narrative review on the pain pathway and its application in the pain management. *Digestive Medicine Research*, 5, 56–56. <https://doi.org/10.21037/dmr-21-100>
- Lok, C. E., Huber, T. S., Orchanian-Cheff, A., & Rajan, D. K. (2024). Arteriovenous Access for Hemodialysis. *JAMA*, 331(15), 1307. <https://doi.org/10.1001/jama.2024.0535>
- Murdeswar, H., Agarwal A, & Anjum F. (2025). *Hemodialysis*. StatPearls Publishing.
- Musnelina, L., Kurniati, D., & Ferdinal, D. (2023). *Perbedaan Kualitas Hidup antara Terapi Hemodialisis dengan Terapi Continuous Ambulatory Peritoneal Dialysis (CAPD) pada Pasien Gagal Ginjal Kronik*. 16(1).
- Neamah, R. D., & Abd Ali, D. K. (2023). Efficacy of Cryotherapy in Reducing Pain Related to Arteriovenous Fistula Puncture in Hemodialysis Patients: A Randomized Controlled Trial. *Remittances Review*, 8(4), 1809–1821.
- Nguyen, A., & Fabrigar, L. (2018). Visual Analog Scales. In *The SAGE encyclopedia of educational research, measurement, and evaluation*. SAGE Publications, 4, 1797–1800.
- Obi, Y., Raimann, J. G., Kalantar-Zadeh, K., & Murea, M. (2024). Residual Kidney Function in Hemodialysis: Its Importance and Contribution to Improved Patient Outcomes. *Toxins*, 16(7), 298. <https://doi.org/10.3390/toxins16070298>
- O’Callaghan, C. (2016). *The Renal System at a Glance*. John Wiley & Sons.
- Patala, R., Kenta, Y. S., & Irnawati, I. (2021). Efektivitas Ekstrak Etanol Kulit Buah Pepaya (*Carica papaya L.*) terhadap Kadar Kreatinin dan Ureum Tikus Putih Jantan (*Rattus norvegicus*) yang Diinduksi Streptozotocin. *Jurnal Sains Dan Kesehatan*, 3(6), 833–838. <https://doi.org/10.25026/jsk.v3i6.661>
- PERNEFRI. (2018). *11 th Report Of Indonesian Renal Registry 2018*.

- Polopadang, V., & Hidayah, N. (2019). *Proses Keperawatan Pendekatan Teori dan Praktik* (Fitriani, Ed.; 1st ed.). Yayasan Pemberdayaan Masyarakat Indonesia Cerdas.
- Ramadhanti, A., Bayhakki, & Jumaini. (2022). Analisis Self Efficacy dan Interdialytic Wight Gain (IDWG) pada Pasien Hemodialisis: Literature Review. *JMH: Jurnal Medika Hutama*, 3(4), 2997–3006.
- Ratna Dila, R., & Panma, Y. (2020). Asuhan Keperawatan Pada Klien Dengan Gangguan Gagal Ginjal Kronik RSUD Kota Bekasi. *Buletin Kesehatan: Publikasi Ilmiah Bidang Kesehatan*, 3(1), 41–61. <https://doi.org/10.36971/keperawatan.v3i1.60>
- Riskesdas. (2018). *Laporan Nasional Riset Kesehatan Dasar 2018*.
- Rofi'ah, I. A., & Utomo, Y. H. (2023). Understanding Hypervolemia in Chronic Kidney Disease Patients. *Ezra Science Bulletin*, 1(1), 41–46.
- Roy, A., & Kulkarni, A. V. (2025). Ascites in patients with end-stage renal disease: Challenges and solutions from diagnosis to management. *Hepatology Communications*, 9(4). <https://doi.org/10.1097/HC9.0000000000000687>
- Saputra, M., Harahap, I. A., & Kasiman, S. (2020). Valsalva Maneuver to Decrease Pain Intensity During Arteriovenous Fistula Insertion in Hemodialysis Patients. *Jurnal Keperawatan Indonesia*, 23(2), 136–144. <https://doi.org/10.7454/jki.v23i2.645>
- Schier, R. W., Coffman, T., Falk, R. J., Molitoris, B. A., & Neilson, E. G. (2015). *Schrier's Diseases of The Kidney Disease*. Wolters Kluwer Health.
- Schrier, R. (2017). *Renal and Electrolyte Disorders*. Wolters Kluwer.
- Selvia, I., Deli, H., & Hasanah, O. (2022). Status Hemodinamik Pasien Intradialisis. *Jurnal Kesehatan Holistic*, 6(1), 51–67. <https://doi.org/10.33377/jkh.v6i1.114>
- Sharma, A. A. K., Ahmadi, A., Parihar, N. B., Sajith, M., Jawale, S., & Ambike, S. (2019). Factors Affecting Quality of Life in Heamodialysis Patients in Tertiary Care Hospital. *Journal of Biomedical and Pharmaceutical Sciences*, 2(121), 1–6.
- Shintia, C., & Khadafi, M. (2021). Tingkat Pengetahuan Pasien Chronic Kidney Disease (CKD) terhadap Akses Hemodialisa dan Perawatan Akses Hemodialisa di RSUD Dr. Pirngadi Kota Medan. *Jurnal Ilmiah Simantek*, 5(2), 37–41.
- Sirait, R. H. (2020). *Pemantauan Hemodinamik Pasien* (F. R. W. Suling, Ed.; 1st ed.). UKI Press.

- Sui, Z., Wang, J., Cabrera, C., Wei, J., Wang, M., & Zui, L. (2020). Aetiology of Chronic Kidney Disease and Risk Factors for Disease Progression in Chinese Subjects: A Single-Centre Retrospective Study in Beijing. *Nephrology*, 25(9), 714–722.
- Thomas, N. (2019). *Renal Nursing : Care and Management of People with Kidney*.
- Tim Pokja SDKI DPP PPNI. (2017). *Standar Diagnosa Keperawatan Indonesia: Definisi dan Indikator Diagnostik* (1st ed.). DPP PPNI.
- Tjempakasari, A., Prasanta, N., Aditiawardana, & Carrasco, M. E. (2024). Correlation between Interdialytic Weight Gain and Intradialytic Hypotension in Patients with Chronic Kidney Disease Undergoing Hemodialysis in Tertiary Referral Hospital. *Biomolecular and Health Science Journal*, 7(2), 109–113. [https://doi.org/10.4103/bhsj.bhsj\\_15\\_24](https://doi.org/10.4103/bhsj.bhsj_15_24)
- Wibowo, H. P., & Siregar, W. D. (2020). Hubungan Interdialytic Weight Gains (IDWG) dengan Terjadinya Komplikasi Durante Hemodialisis pada Pasien Ginjal Kronik. *Jurnal Keperawatan Priority*, 3(1), 13–22.
- World Kidney Day. (2021). *Chronic Kidney Disease*.
- Yusman, F. A., Dewi, R. T. K., Mashuri, Y. A., Nurhayatun, E., & Giani, M. T. (2020). Faktor yang Berkaitan dengan Kejadian Asites pada Pasien Penyakit Ginjal Kronik yang Menjalani Hemodialisis di RSUD Dr Moewardi Surakarta: Sebuah Studi Potong Lintang. *Jurnal Penyakit Dalam Indonesia*, 7(3), 154. <https://doi.org/10.7454/jpdi.v7i3.420>
- Zahroh, R., & Istiroha. (2023). *Konsep Dasar dan Asuhan Keperawatan Sistem Perkemihan* (F. Erlina, Ed.; 1st ed.). Sagusatal Indonesia.
- Zhang, Q., Wang, X., Chao, Y., & Liu, L. (2024). Focus on oliguria during renal replacement therapy. *Journal of Anesthesia*, 38(5), 681–691. <https://doi.org/10.1007/s00540-024-03342-4>