

DAFTAR PUSTAKA

1. Pashley S, Wallace MA. Anatomy and physiology of the kidney. AORN journal. 1998 Nov 1;68(5):799-820. 1999;68(5).
2. Gliselda VK. Diagnosis dan Manajemen Penyakit Ginjal Kronis (PGK). J Med Hutama. 2021;2(04 Juli):1135–41.
3. Sherwood L. Fisiologi Manusia Dari sel ke Sistem. Jakarta: EGC penerbit buku kedokteran; 2009.
4. Hall & Guyton. Textbook of Medical Physiology. Stigelin L, editor. Amerika Serikat: Saunders Elsevier; 2011.
5. Chan W. Chronic Kidney Disease and Nutrition Support. Vol. 36, Nutrition in Clinical Practice. 2021. hal. 312–30.
6. Ns. Fitri Mailani MK. Edukasi Pencegahan Penyakit Ginjal Kronik Pada Lansia. Ns. Rahmi Muthia MK, editor. Indramayu: CV. Adanu Abimata; 2022.
7. Mary Baradero, SPC, MN., Mary Wilfrid Dayrit, SPC, MAN, & Yakobus Siswadi M. Klien Gangguan Ginjal. Monica Ester S.Kp. & Ns. Esty Wahyuningsih SK, editor. jakarta: Buku Kedokteran EGC; 2005.
8. Csaba P. Kovesdy. Epidemiology of chronic kidney disease: an update 2022. 2022;12(1):7–11.
9. Kemenkes RI. Riskesdas. Kementerian Kesehatan RI, editor. Badan Penelitian dan Pengembangan Kesehatan; 2019.
10. Laporan Rumah Sakit [Internet]. 2021. Tersedia pada: <https://rsdjamil.co.id/laporan-rumah-sakit/>
11. Dipiro JT, Yee GC, Posey LM, Haines ST, Nolin TD E V. Pharmacotherapy A Pathophysiologic Approach. 11 th. USA: McGrawHill; 2020.
12. EM Sutrisna. Dasar-Dasar Terapi Rasional. 3 ed. Surakarta: Muhammadiyah University Press; 2022. 92 hal.
13. Barnett LMA, Cummings BS. Nephrotoxicity and renal pathophysiology: A contemporary perspective. Toxicol Sci. 2018;164(2):379–90.
14. Okoro RN, Farate VT. The use of nephrotoxic drugs in patients with chronic kidney disease. Int J Clin Pharm [Internet]. 2019;(0123456789). Tersedia pada: <https://doi.org/10.1007/s11096-019-00811-9>
15. Davis-Ajami ML, Fink JC, Wu J. Nephrotoxic medication exposure in U.S. adults with predialysis chronic kidney disease: Health services utilization and cost outcomes. J Manag Care Spec Pharm. 2016;22(8):959–68.
16. Agustina Julisawaty E, Munich Heindari Ekasari D, Hurnaningsih. Aplikasi

- Augmented Reality Tentang Fungsi Organ Ginjal Manusia Dan Cara Menjaga Kesehatannya. Univ Gunadarma Jl Margonda Raya [Internet]. 2020;4(1):16424. Tersedia pada: <https://ejurnal.jakstik.ac.id/files/journals/2/articles/sentik2020/289/submission/proof/289-13-1078-1-10-20201030.pdf>
17. Gama Bagus Kuntoadi, K.KG M. Buku Anatomi Fisiologi 2. 1 ed. Pantera; 2022. 5–6 hal.
 18. Lusiana E. Buku Referensi Model Hewan Coba Fibrosis Ginjal dengan Berbagai Teknik Induksi. Palembang: Media Bening; 2023. 8–9 hal.
 19. Rini DS, Kesehatan P, Kesehatan K. Anatomi Fisiologi Tubuh Manusia. Padang: PT Global Eksekutif Teknologi; 2023.
 20. Sherwood L. Fisiologi Manusia : dari sel ke sistem. 8 ed. Sherwood L, editor. Jakarta: EGC penerbit buku kedokteran; 2014.
 21. Rahayu M, Supriyanta B, Silalahi DMD, Abdul NA, Nurlina WO. Ilmu Biomedik untuk Perawat. mubarak D, editor. Purbalingga: Cv. Eureka Media Aksara; 2021.
 22. Ariyanto A, Hadisaputro S, Lestariningsih L, Adi MS. Beberapa Faktor Risiko Kejadian Penyakit Ginjal Kronik (PGK) Stadium V pada Kelompok Usia Kurang dari 50 Tahun (Studi di RSUD dr.H.Soewondo Kendal dan RSUD dr.Adhyatma,MPH Semarang). J Epidemiol Kesehat Komunitas. 2018;3(1):1.
 23. Gultom MD, Sudaryo MK. Hubungan Hipertensi dengan Kejadian Gagal Ginjal Kronik di RSUD DR. Djasamen Saragih Kota Pematang Siantar Tahun 2020. J Epidemiol Kesehat Komunitas. 2023;8(1):40–7.
 24. Nasution SH, Syarif S, Musyabiq S, Fakultas D, Masyarakat K, Indonesia U. Penyakit Gagal Ginjal Kronis Stadium 5 Berdasarkan Determinan Umur , Jenis Kelamin , dan Diagnosa Etiologi di Indonesia Tahun 2018 Chronic Kidney Failure Disease Stage 5 Based on Determinants of Age , Gender , and Diagnosis of Etiology in Indonesia in 201. 2020;4(1):2018–21.
 25. Felicia Angga Rizki, Andina M. Karakteristik Penderita Hipertensi dengan Gagal Ginjal Kronik di Instalasi Penyakit Dalam Rumah Sakit Umum Haji Medan Tahun 2015. 2017;1(1):87–96.
 26. Rivandi J, Yonata A, Kedokteran F, Lampung U, Ilmu B, Dalam P, et al. Hubungan Diabetes Melitus Dengan Kejadian Gagal Ginjal Kronik Relationship Between Diabetic Nephropathy And Incident With Chronic Kidney Disease. 2015;4.
 27. Milik A, Hrynkiewicz E. KDIGO, Kidney Internasitonal Supplements. Vol. 19, IFAC Proceedings Volumes (IFAC-PapersOnline). 2014. 4477–4483 hal.
 28. Pardede SO, Chunnaedy S. Penyakit Ginjal Kronik pada Anak. Sari Pediatr. 2016;11(3):199.
 29. Anggraini D. Aspek Klinis Dan Pemeriksaan Laboratorium Penyakit Ginjal

- Kronik. An-Nadaa J Kesehat Masy. 2022;9(2):236.
30. Tjekyan SRM. Prevalensi dan Faktor Risiko Penyakit Ginjal Kronik di RSUP Dr. Mohammad Hoesin Palembang Tahun 2012. Mks [Internet]. 2014;46(4):275–82. Tersedia pada: <https://repository.unsri.ac.id/10849/>
 31. Fadrowski JJ, Pierce CB, Cole SR, Moxey-Mims M, Warady BA, Furth SL. Hemoglobin decline in children with chronic kidney disease: Baseline results from the chronic kidney disease in children prospective cohort study. *Clin J Am Soc Nephrol.* 2008;3(2):457–62.
 32. Yang M, Fox CH, Vassalotti J, Choi M. Complications of Progression of CKD. *Adv Chronic Kidney Dis* [Internet]. 2015;18(6):400–5. Tersedia pada: <http://dx.doi.org/10.1053/j.ackd.2011.10.001>
 33. Hadtstein C, Schaefer F. Hypertension in children with chronic kidney disease: Pathophysiology and management. *Pediatr Nephrol.* 2008;23(3):363–71.
 34. Lun A, Suslovych M, Drube J, Ziebig R, Pavicic L, Ehrich JHH. Reliability of different expert systems for profiling proteinuria in children with kidney diseases. *2008;285–90.*
 35. Nangaku M, Powe NR, White SL, Wheeler DC. Complications of chronic kidney disease: current state, knowledge gaps, and strategy for action. *2017;122–9.*
 36. Heart N. Cardiovascular disease and mortality in a community-based cohort with mild renal insufficiency. *1999;56:2214–9.*
 37. Kane-Gill SL, Goldstein SL. Drug-Induced Acute Kidney Injury: A Focus on Risk Assessment for Prevention. *Crit Care Clin* [Internet]. 2015;31(4):675–84.
 38. Braund R. Renal Medicine and Clinical Pharmacy. 1 ed. Rhiannon Braund, editor. Dunedin, New Zealand; 2020.
 39. Wu H, Huang J. Drug-Induced Nephrotoxicity: Pathogenic Mechanisms, Biomarkers and Prevention Strategies. *2018;559–67.*
 40. Mehta RL, Awdishu L, Davenport A, Murray PT, Macedo E, Cerda J, et al. Phenotype standardization for drug-induced kidney disease. *Kidney Int* [Internet]. 2015;(May 2014):1–9.
 41. Awdishu L. Drug-induced kidney disease in the ICU: mechanisms , susceptibility , diagnosis and management strategies. *2017;1–7.*
 42. Perazella MA. Renal Vulnerability to Drug Toxicity. *2009;(Table 2):1275–83.*
 43. Mody H, Ramakrishnan V, Chaar M, Lezeau J, Rump A, Taha K, et al. A Review on Drug-Induced Nephrotoxicity: Pathophysiological Mechanisms, Drug Classes, Clinical Management, and Recent Advances in Mathematical Modeling and Simulation Approaches. Vol. 9, *Clinical Pharmacology in*

- Drug Development. 2020. hal. 896–909.
44. Khan S, Loi V, Rosner MH. Drug-Induced Kidney Injury in the Elderly. *Drugs Aging*. 2017;34(10):729–41.
 45. Perazella MA. Drug-induced acute kidney injury : diverse mechanisms of tubular injury. 2019;25(6):550–7.
 46. Grif BR, Faubel S, Edelstein CL. Biomarkers of Drug-Induced Kidney Toxicity. 2019;41(2):213–26.
 47. Teixeira G, Sales M, Foresto RD. Drug-induced nephrotoxicity. 2020;66(Suppl 1):82–90.
 48. Kellum JA, Lameire N, Aspelin P, Barsoum RS, Burdmann EA, Goldstein SL, et al. Diagnosis, evaluation, and management of acute kidney injury: A KDIGO summary (Part 1). *Crit Care*. 2013;17(1):1–15.
 49. Risch L, Hess B. Acute Kidney Injury: A Guide to Diagnosis and Management. *Ther Umschau*. 2013;70(8):457–64.
 50. Murugan R, Kellum JA. Acute kidney injury: What's the prognosis? *Nat Rev Nephrol*. 2011;7(4):209–17.
 51. Kwiatkowska E, Domański L, Dziedziejko V, Kajdy A, Stefańska K, Kwiatkowski S. The mechanism of drug nephrotoxicity and the methods for preventing kidney damage. *Int J Mol Sci*. 2021;22(11).
 52. Bae E, Lee TW, Park DJ. Drug-induced nephrotoxicity. *J Korean Med Assoc*. 2020;63(1):30–5.
 53. Logani I, Tjitrosantoso H, Yudistira A. Faktor Risiko Terjadinya Gagal Ginjal Kronik Di Rsup Prof. Dr. R. D. Kandou Manado. *J Ilm Farm* [Internet]. 2017;6(3):128–36.
 54. Hu J, Ke R, Teixeira W, Dong Y, Ding R, Yang J, et al. Original Article Global, Regional, and National Burden of CKD due to Glomerulonephritis from 1990 to 2019 A Systematic Analysis from the Global Burden of Disease Study 2019. 2023;18:60–71.
 55. Kemenkes RI. Survey Kesehatan Indonesia. Kementeri Kesehat republik Indones. 2023;1–68.
 56. Martono S. Deteksi keparahan fungsi ginjal melalui perubahan kritis laju filtrasi glomerulus pasien hemodialisa (Severity Renal Function Detection through Critical Changes Glomerular Filtration Rate in Hemodialysis Patients). *J Ners* [Internet]. 2014;9(1):43–8.
 57. Anggraini S, Fadila Z. Kualitas Hidup Pasien Gagal Ginjal Dengan Dialisis Di Asia Tenggara : a Systematic Review. *Hearty*. 2022;11(1):77.
 58. Tuloli TS, Madania M, Mustapa MA, Tuli EP. Evaluasi Penggunaan Obat Pada Pasien Gagal Ginjal Kronik Yang Menjalani Hemodialisis Di Rsud Toto Kabilia Periode 2017-2018. *Parapemikir J Ilm Farm*. 2019;8(2):25.

59. Tsang WT, Wang S. Faktor Resiko Gagal Ginjal Kronik di Unit Hemodialisis RSUD Wates Kulon Progo. *Appl Phys Lett.* 2015;25(7):415–8.
60. Naghibi M, Mojahedi MJ, Jarrahi L, Emadzadeh A, Ahmadi R, Emadzadeh M, et al. Prevalence of chronic kidney disease and its risk factors in Gonabad, Iran. *Iran J Kidney Dis.* 2015;9(6):449–53.
61. Siagian KN, Damayanty AE. Artikel Penelitian Identifikasi Penyebab Penyakit Ginjal Kronik Pada Usia Dibawah 45 Tahun di Unit Hemodialisis Rumah Sakit Ginjal Rasyida Medan Tahun 2015. *J Kedokt Anat (Anatomica Med Journal)* [Internet]. 2018;1(3):159–66.
62. Džidić-Krivić A, Sher EK, Kusturica J, Farhat EK, Nawaz A, Sher F. Unveiling drug induced nephrotoxicity using novel biomarkers and cutting-edge preventive strategies. *Chem Biol Interact.* 2024;388(December 2023).
63. Perazella MA. Pharmacology behind common drug nephrotoxicities. *Clin J Am Soc Nephrol.* 2018;13(12):1897–908.
64. Cynthia A Naughton. Drug-Induced Nephrotoxicity. 2008;6:743–50.
65. Sulistiowati E, Idaiani S. Faktor Risiko Penyakit Ginjal Kronik Berdasarkan Analisis Cross-sectional Data Awal Studi Kohort Penyakit Tidak Menular Penduduk Usia 25-65 Tahun di Kelurahan Kebon Kalapa, Kota Bogor Tahun 2011. *Bul Penelit Kesehat.* 2015;43(3):14–7.
66. Kidney C, Diagnosis D. Chronic Kidney Disease Diagnosis and Management: A Review. 2020;322(May 2019):1294–304.
67. Haq MTD, Marbun F, Zahrianis A, Ulfa M, Rambe NK, Kaban KB. Hubungan Anemia Dengan Kualitas Hidup Pada Pasien Gagal Ginjal Kronik Yang Menjalani Hemodialisis Dibawah 6 Bulan Di Rumah Sakit Khusus Ginjal Rasyida Medan. *Malahayati Nurs J.* 2020;2(3):641–8.
68. Agung A, Bisma G, Gde D, Dharma D, Wiradewi AA. Gambaran Anemia Pada Pasien Penyakit Ginjal Kronik di RSUP Sanglah Pada Tahun 2016. 2019;8(6).
69. Youssef A, Almubarak A, Aljohnai M, Alnuaimi M, Alshehri B, Al-ghamdi G, et al. Contraindicated medications administered to inpatients with renal insufficiency in a Saudi Arabian hospital that has a computerized clinical decision support system. *J Taibah Univ Med Sci* [Internet]. 2015;10(3):320–6.
70. Bicalho MD, Soares DB, Botoni FA, Reis AMM, Martins MAP. Drug-induced nephrotoxicity and dose adjustment recommendations: Agreement among four drug information sources. *Int J Environ Res Public Health.* 2015;12(9):11227–40.
71. Kanchanasurakit S, Arsu A, Siriplabpla W, Duangjai A, Saokaew S. Acetaminophen use and risk of renal impairment: A systematic review and meta-analysis. *Kidney Res Clin Pract.* 2020;39(1):81–92.

72. Mazer M, Perrone J. Acetaminophen-Induced Nephrotoxicity: Pathophysiology , Clinical Manifestations , and Management. 2008;4(1):2–6.
73. Mostafa DK, Khedr MM, Barakat MK, Abdellatif AA, Elsharkawy AM. Autophagy blockade mechanistically links proton pump inhibitors to worsened diabetic nephropathy and aborts the renoprotection of metformin/enalapril. *Life Sci [Internet]*. 2021;265(September 2020):118818.
74. Huang X, Dorhout Mees E, Vos P, Hamza S, Braam B. Everything we always wanted to know about furosemide but were afraid to ask. *Am J Physiol - Ren Physiol*. 2016;310(10):F958–71.
75. Huang J. Drug-Induced Nephrotoxicity and Drug Metabolism in Renal Failure. *Curr Drug Metab*. 2018;19(7):558–558.
76. Selim A, Khalaf MM, Gad AM, Abd El-Raouf OM. Evaluation of the possible nephroprotective effects of vitamin E and rosuvastatin in amikacin-induced renal injury in rats. *J Biochem Mol Toxicol*. 2017;31(11):1–7.
77. Katayama M, Katayama R, Kamishina H. Effects of multiple oral dosing of itraconazole on the pharmacokinetics of cyclosporine in cats. *J Feline Med Surg*. 2010;12(6):512–4.
78. Zhou SH, Huang Q, Zhou Y, Cai XX, Cui Y, Zhou Q, et al. Captopril related kidney damage: renal afferent arteriolar responses to angiotensin II and inflammatory signaling. *Acta Physiol Sin*. 2022;74(1):125–33.
79. Pais GM, Liu J, Zepcan S, Avedissian SN, Rhodes NJ, Downes KJ, et al. Vancomycin-Induced Kidney Injury: Animal Models of Toxicodynamics, Mechanisms of Injury, Human Translation, and Potential Strategies for Prevention. Vol. 40, *Pharmacotherapy*. 2020. hal. 438–54.
80. Moffett BS, Goldstei SL. Acute kidney injury and increasing nephrotoxic-medication exposure in noncritically-Ill children. *Clin J Am Soc Nephrol*. 2011;6(4):856–63.
81. Cataldi L, Leone R, Moretti U, De Miti B, Fanos V, Ruggeri L, et al. Potential risk factors for the development of acute renal failure in preterm newborn infants: A case-control study. *Arch Dis Child Fetal Neonatal Ed*. 2005;90(6):514–9.
82. Andreoli SP. Acute kidney injury in children. 2009;253–63.
83. Launay-Vacher V, Chatelut E, Lichtman SM, Wildiers H, Steer C, Aapro M. Renal insufficiency in elderly cancer patients: International Society of Geriatric Oncology clinical practice recommendations. *Ann Oncol [Internet]*. 2007;18(8):1314–21.
84. Combe C, McCullough KP, Asano Y, Ginsberg N, Maroni BJ, Pifer TB. Kidney Disease Outcomes Quality Initiative (K/DOQI) and the Dialysis Outcomes and Practice Patterns Study (DOPPS): Nutrition guidelines, indicators, and practices. *Am J Kidney Dis*. 2004;44(SUPPL. 2):39–46.

85. Lim LM, Tsai NC, Lin MY, Hwang DY, Lin HYH, Lee JJ, et al. Hyponatremia is Associated with Fluid Imbalance and Adverse Renal Outcome in Chronic Kidney Disease Patients Treated with Diuretics. *Sci Rep* [Internet]. 2016;6(March):1–10.
86. Tambajong RY, Rambert GI, Wowor MF. Gambaran kadar natrium dan klorida pada pasien penyakit ginjal kronik stadium 5 non-dialisis. *J e-Biomedik*. 2016;4(1):3–8.
87. Reslina I, Almasdy D, Armenia A. Hubungan Pengobatan Stroke dengan Jenis Stroke dan Jumlah Jenis Obat. *J Ipteks Terap*. 2015;9(1).
88. Versita R, Almasdy D, Dahlan Z. Pola Penggunaan dan Kerasionalan Obat Terhadap Lama Rawatan Pada Pasien Malaria di RSUD Dr.M.Yunus Bengkulu. *Media Kesehat*. 2021;14(JUNI):27–36.
89. Perazella MA. Drug use and nephrotoxicity in the intensive care unit. *Kidney Int* [Internet]. 2012;81(12):1172–8.

