

DAFTAR PUSTAKA

1. Kementerian kesehatan Republik Indonesia. Situasi penyakit ginjal. Pusat data dan informasi kementerian kesehatan Republik Indonesia. Jakarta. 2017.
2. Hill NR, Fatoba ST, Oke JL, Hirst JA, Callaghan CAO, Lasserson DS, Hobbs FDR. Global Prevalence of Chronic Kidney Disease – A Systematic Review and Meta-Analysis. PLoS One. 2016; 11(7): e0158765. doi: 10.1371/journal.pone.0158765.
3. Centers for Disease Control and Prevention. National Chronic Kidney Disease Fact Sheet, 2017. Atlanta, GA: US Department of Health and Human Services, Centers for Disease Control and Prevention; 2017.
4. Kementerian Kesehatan Republik Indonesia. Hasil riset kesehatan dasar. Jakarta. 2018
5. Suwitra K. Penyakit ginjal kronik. In: Setiati S, Alwi I, Sudoyo AW, Simadibrata M, Setiyohadi B, Syam AF, editor. Buku ajar ilmu penyakit dalam. Edisi 6. Jakarta: Interna Publishing. 2016. p.2161-7.
6. American Society of Nefrology. Chronic kidney diseases for primary care physicians and healthcare providers. 2011. Edisi 6. United State of America : Henry Ford Health System.p.4-9.
7. Chapter 1: Definition and classification of CKD. *Kidney International Supplements* 2013; 3(1) :19-62. doi:10.1038/kisup.2012.64.
8. Suhardjono. Hemodialisis. In: Setiati S, Alwi I, Sudoyo AW, Simadibrata M, Setiyohadi B, Syam AF, editor. Buku ajar ilmu penyakit dalam. Edisi 6. Jakarta: Interna Publishing. 2016. p.2194-8.
9. National Institute of Diabetes and Digestive and Kidney Diseases. Epidemiology of Kidney Disease in The Unite States. United States Renal Data System. 2017.
10. Stauffer ME, Fan T. Prevalence of Anemia in Chronic Kidney Disease in the United States. PLoS ONE. 2014. 9(1): e84943. doi:10.1371/ journal.pone.0084943.

11. Stefansson BV. Studies on Treatment of Renal Anemia in Patients on Chronic Hemodialysis. University of Gothenburg, Sweden. 2011.
12. Habib A, Ahmad R, Rehman S. Hematological changes in patients of chronic renal failure and the effect of hemodialysis on these parameters. *International Journal of Research in Medical Sciences* 2017;5:4998. doi:10.18203/2320-6012.ijrms20174959.
13. Babitt JL, Lin HY. Mechanisms of Anemia in CKD. *J Am Soc Nephrol*. 2012; 23: 1631–1634, 2012. doi: 10.1681/ASN.2011111078.
14. Hemii. KDIGO clinical practice guideline for anemia in chronic kidney disease. *Kidney International Supplements* 2012; 2(4) : 279-335.
15. Chapter 4: Red cell transfusion to treat anemia in CKD. *Kidney International Supplements* 2012; 2: 311-16. doi: 10.1038/kisup.2012.36.
16. Pantara PDD. Hubungan antara kadar ureum dengan kadar hemoglobin pada pasien gagal ginjal kronik [tesis]. Purwokerto : Fakultas Ilmu Kesehatan Universitas Muhammadiyah Purwokerto; 2016.
17. Snell R.S. Anatomi Klinis Berdasarkan Sistem. Jakarta: Lippincott Williams & Wilkins, 2015 : 749–54.
18. Waschke J., Paulsen F. Sobotta Atlas of Human Anatomy: Internal Organs. Munich: Elsevier, 2012(2) : 164-77.
19. Marieb EN. Essential of Human Anatomy Physiology. Edisi 11. United State of America: Pearson, 2015: 512-19
20. Guyton AC, Hall JE. Fisiologi kedokteran. Edisi 12. Singapore: Elseiver, 2011 : 325-423.
21. The Renal Association. Cronic kidney disease stages. 2017. Diunduh dari : <https://renal.org/information-resources/the-uk-eckd-guide/ckd-stages/>.
22. Kidney Disease Improving Global Outcomes. Definition and classification of cronic kidney disease. *Kidney International Supplements* (2013) 3, 19–62; doi:10.1038/kisup.2012.64

23. Gansevoort RT, Correa-Rotter R, Hemmelgarn BR, Jafar TH, Heerspink HJ, Mann JF, et al. Chronic kidney disease and cardiovascular risk: epidemiology, mechanisms, and prevention. *Lancet*. 2013. doi: 10.1016/S0140-6736(13)60595-4.
24. Heaf J. Current trends in European renal epidemiology. *Clinical Kidney Journal* 2017;10:149–53. doi:10.1093/ckj/sfw150.
25. Kaze AD, Ilori T, Jaar BG, Echouffo-Tcheugui JB. Burden of chronic kidney disease on the African continent: a systematic review and meta-analysis. *BMC Nephrology* 2018;19. doi:10.1186/s12882-018-0930-5.
26. White SL, Polkinghorne KR, Atkins RC, Chadban SJ. Comparison of the prevalence and mortality risk of CKD in Australia using the CKD Epidemiology Collaboration (CKD-EPI) and Modification of Diet in Renal Disease (MDRD) Study GFR estimating equations: the AusDiab (Australian Diabetes, Obesity and Lifestyle) Study. *American Journal of Kidney Diseases*. 2010; 55(4):660–70. doi: 10.1053/j.ajkd.2009.12.011.
27. Jha V. Current status of chronic kidney disease care in southeast Asia. *Semin Nephrol*. 2009 Sep;29(5):487-96. doi: 10.1016/j.semnephrol.2009.06.005.
28. Perhimpunan Nefrologi Indonesia. 6th Annual Report of Indonesia Renal Registry. 2016
29. Toth-Manikowski S, Atta MG. Diabetic Kidney Disease: Pathophysiology and Therapeutic Targets. *Journal of Diabetes Research* 2015;2015:1–16. doi:10.1155/2015/697010.
30. Reidy K, Kang HM, Hostetter T, Susztak K. Molecular mechanisms of diabetic kidney disease. *Clin Invest*. 2014;124(6):2333–2340 doi:10.1172/JCI72271.
31. Tedla FM, Brar A, Browne R, Brown C. Hypertension in Chronic Kidney Disease: Navigating the Evidence. *International Journal of Hypertension* 2011;2011:1–9. doi:10.4061/2011/132405.
32. Matovinović MS. Pathophysiology and classification of kidney diseases. *The Journal Of The International Federation Of Clinical Chemistry And Laboratory Medicine* 2009;20(1): 2-11.

33. Yen C, Lin HL, Lin YK, Chen CW, Cheng YC, Lee WC, Wu TC. Urinary Tract Infection in Patient with Chronic Kidney Disease. *Turk J Med Sci.* 2014;44:145-9. doi:10.3906/sag-1303-51.
34. Rule AD, Krambeck AE, Lieske JC. Chronic Kidney Disease in Kidney Stone Formers. *Clin J Am Soc Nephrol.* 2011 Aug;6(8):2069-75. doi: 10.2215/CJN.10651110.
35. Arora P. Chronic Kidney Diseases [Internet]. Medscape. 27 July 2018 [cited 21 December 2018]. Available from : <https://emedicine.medscape.com/article/238798-overview>
36. Liu KD, Chertow GM. Dialisis dalam Pengobatan Gagal Ginjal. J.L., Loscalzo J (ed). *Harrison: Nefrologi dan Gangguan Asam-Basa.* Jakarta: EGC; 2010. hal. 121 – 124.
37. Cohen D, Valeri AM. Treatment of irreversible renal failure. In: Crow M, Doroshov J, Drazen J, Griggs R, Landry D, Levinson W *et al* editor. *Godlman's Cecil Medicine.* Edisi 25. Philadelphia: Elseiver Saunders. 2016. p.87-97.
38. Bieber, S.D. & Himmelfarb, J. 2013. *Hemodialysis.* In: *Schrier's Disease of the Kidney. 9th edition.* Coffman, T.M., Falk, R.J., Molitoris, B.A., Neilson, E.C., Schrier, R.W. editors. Lippincott Williams & Wilkins. Philadelphia:2473-505.
39. Daugirdas JT, Depner TA, Inrig J, Mehrotra R, Rocco MV, Suri RS, et al. KDOQI Clinical Practice Guideline for Hemodialysis Adequacy: 2015 Update. *American Journal of Kidney Diseases* 2015;66:884–930. doi:10.1053/j.ajkd.2015.07.015.
40. Septiwi C. Hubungan antara adekuasihemodialisis dengan kualitas hidup pasien hemodialisis di unit hemodialisis RS Prof. Dr. Margono, Soekarjo, Purwokerto [skripsi]. jakarta : Fakultas Ilmu Keperawatan Universitas Indonesia; 2011.
41. White T. Low blood pressure during dialysis increases risk of clots, according to Stanford-led study [Internet]. *Stanford medicine. JASN.* 2011 [cited 21 December 2018]. Available from : <https://med.stanford.edu/news/all-news/2011/07/low-blood-pressure-during-dialysis-increases-risk-of-clots-according-to-stanford-led-study.html>.

42. NKFDOQI. Iron Needs in Diaylsis – The National Kidney Foundation [Internet]. National Kidney Foundation. 2015 [cited 3 January 2019]. Available from : <https://www.kidney.org/atoz/content/irondiaylsis>.
43. Suki WN, Massry SG. Therapy of renal diseases and related disorders. 2012. Edisi 2. London : Springer Science and Business Media.
44. Saeed F, Agrawal N, Greenbreg E, Holley JL. Lower gastrointestinal bleeding in chronic hemodialysis patients. *Int J Nephrol*. 2011 :1-8. doi : 10.4061/2011/272535.
45. Rodwell VW. Katabolisme protein dan nitrogen asam amino . In: Murray RK, Granner DK, Rodwel VW, editor. *Biokimia Harper*. Edisi 27. Jakarta: EGC. 2009. p.255-62.
46. Mehta AB, Hoffbrand AV. *At a Glance Hematologi* Edisi 2. Jakarta: Erlangga. 2006. p.1-11.
47. Notopoero PB. Eritropoetin fisiologi, aspek klinik, dan laboratorium. *Indonesian Journal of Clinical Pathology and Medical Laboratory*. 2007. 14 (1) : 28-36.
48. Cappellini, Motta I. Anemia in clinical practice-definition and classification : does hemoglobin change with aging. *Semin Hematol*. 2015 : 52(4) : 261-9. doi: 10.1053/j.seminhematol.2015.07.006.
49. Kementerian Kesehatan Republik Indonesia. *Pedoman interpretasi data klinik*. Jakarta. 2011.
50. Shavelle RM, Mackenzie R, Paculdo DR. Anemia and mortality in older persons: does the type of anemia affect survival? *International Journal of Hematology* 2012;95:248–56. doi:10.1007/s12185-012-1007-z.
51. AV Hoffbrand, JE Petit, PAH Moss, *Kapita Selektta Hematologi* Edisi 6. Penerbit Buku Kedokteran EGC, Jakarta 2013.
52. Lankhorst CE, Wish JB. Anemia in renal disease: Diagnosis and management. *Blood Reviews* 2010;24:39–47. doi:10.1016/j.blre.2009.09.001.
53. Wish JB. Anemia in chronic kidney disease. *Nephrology Secrets* 2012:142–7. doi:10.1016/b978-1-4160-3362-2.00029-4.

54. Mohanram A, Zhang Z, Shahinfar S, Lyle P, Toto R. The effect of losartan on hemoglobin concentration and renal outcome in diabetic nephropathy of type 2 diabetes. *Kidney International* 2008;73:630–6. doi:10.1038/sj.ki.5002746.
55. Zadrazil J, Horak P. Pathophysiology of anemia in chronic kidney diseases: A review. *Biomed Pap Med Fac Univ Palacky Olomouc Czech Repub.* 2015 Jun;159(2):197-202. doi: 10.5507/bp.2013.093.
56. Somvanshi S, Khan NZ, Ahmad M. Anemia in chronic kidney disease patients. *Clinical Quires : Nephrology.* 1(3) : 198-204.
57. Mikhail A, Shrivastava R, Richardson D. *Clinical Practice Guidelines Anemia of CKD, UK Renal Association, Edition 5.* 2012.
58. Hyslop J, Fishburn S, Murphy K, Paul A, Smeeth L. National Institute for Health and Clinical Excellence *Anaemia Management in People with Chronic Kidney Disease.* NICE clinical guideline. 2011.
59. Notoadmojo. *Metode Penelitian Kesehatan.* 2015. Jakarta : Rineka Cipta. p. 24-41.
60. Dahlan, MS. *Statistik untuk Kedokteran dan Kesehatan : Deskriptif, Bivariat, dan Multivariat.* 2014. Edisi 6. Jakarta : Epidemiologi Indonesia.
61. Syaiful HQ, Oenzil F, Afriant R. Hubungan umur dan lamanya hemodialisis dengan status gizi pada penderita penyakit ginjal kronik yang menjalani hemodialisis di RS. Dr. M. Djamil Padang. *Andalas Journal of Health.* 2014. 3 (3) : 381-6.
62. Mayuda A, Chasani S, Saktini, F. Hubungan antara lama hemodialisis dengan kualitas hidup pasien penyakit ginjal kronik di RSUP dr. Kariadi Semarang. *Jurnal Kedokteran Diponegoro.* 2017. 6(2) : 167-176.
63. Niawati R. Hubungan klirens kreatinin dengan rasio reduksi ureum pasien neuropati diabetic stadium IV-V yang menjalani hemodialisis [skrpsi]. Surakarta : Fakultas Kedokteran Universitas Sebelas Maret; 2011.
64. Yulianto D, Notobroto HB, Widodo. Analisis ketahanan hidup pasien penyakit ginjal kronis dengan hemodialisis di RSUD dr. Soetomo Surabaya. *Jurnal Manajemen Kesehatan Yayasan RS Dr. Soetomo.* 2017. 3(1) : 99-112.

65. Siti S, Harimurti K, Arya GR. Proses menua dan implikasi kliniknya . In: Setiati S, Alwi I, Sudoyo AW, Simadibrata M, Setiyohadi B, Syam AF, editor. Buku ajar ilmu penyakit dalam. Edisi 6. Jakarta: Interna Publishing. 2016. p.3671-81.
66. Denic A, Lieske JC, Chakkera HA, Poggio ED, Alexander MP, Singh P, *et al.* The substantial loss of nephrons in healthy human kidneys with aging. *J Am Soc Nephrol.* 2017 Jan; 28 (1) : 313-320. doi: 10.1681/ASN.2016020154.
67. Azmerzya W, Nasrul E, Bahar E. Pengaruh hemodialisis terhadap urea reduction ratio pada pasien penyakit ginjal kronik stadium V di RSUP dr. M. Djamil Padang. *Andalas Journal of Health.* 2016. 5 (2) : 300-5.
68. Fauziah, Wahyono D, Budiarti LE. *Cost of illness* dari *chronic kidney disease* dengan tindakan hemodialisis. *Jurnal Manajemen dan Pelayanan Farmasi.* 2015. 5 (3) : 149-58.
69. Migneco A, Ojetti V, Covino M, Mettimano M, Montebelli MR, Leone A, *et al.* Increased blood pressure variability in menopause. *Eur Rev Med Pharmacol Sci.* 2008 Mar-Apr ;12 (2) :89-95.
70. Kang D.H., Yu E.S., Yoon K.I. The impact of gender on progression of renal disease: potential role of estrogen-mediated vascular endothelial growth factor regulation and vascular protection. *Am J Pathol.* 2004;164:679–688.
71. Tan CW, Chlebicki MP. Urinary tract infections in adults. *Singapore Med J.* 2016 Sep. 57(9): 485–490. doi: 10.11622/smedj.2016153.
72. Nitzan O, Elias M, Chazan B, Saliba W. Urinary tract infections in patients with type 2 diabetes mellitus: review of prevalence, diagnosis, and management. *Diabetes Metab Syndr Obes.* 2015; 8: 129–136. doi: 10.2147/DMSO.S51792.
73. Rule AD, Krambeck AE, Lieske JC. Chronic kidney disease in kidney stone formers. *Clin J Am Soc Nephrol.* 2011 Aug; 6(8): 2069–2075. doi: 10.2215/CJN.10651110.
74. Hanifah Z. Perbedaan kadar ureum darah sebelum dan setelah hemodialisis pada pasien gagal ginjal kronik di RSUD dr. M. Yunus Bengkulu [tesis]. Bengkulu : Fakultas Kedokteran Universitas Bengkulu; 2017.

75. Setyaningsih A, Puspita D, Rosyidi MI. Perbedaan kadar ureum dan kreatinin pada klien yang menjalani hemodialisa dengan *hollow fiber* dan *hollow fiber reuse* di RSUD Ungaran. *Jurnal Keperawatan Medikal Bedah*. 2013. 1(1) : 15-24.
76. Hignis C. Urea and the clinical value of measuring blood urea concentration [Internet]. *AcuteCareTesting*. August 2016 [cited 3 January 2019]. Available from : <https://acutecaretesting.org/en/articles/urea-and-the-clinical-value-of-measuring-blood-urea-concentration>.
77. Dwitarini NME, Herawati S, Subawa AAN. Perbedaan kadar hemoglobin sebelum dan sesudah hemodialisis pada pasien penyakit ginjal kronis di RSUP Sanglah Denpasar. *E-Journal Medika*. April 2017. 6(4) : 56-62.
78. Ulya I, Suryanto. Perbedaan kadar hb pra dan post hemodialisa pada penderita gagal ginjal kronis di RS PKU Muhammadiyah Yogyakarta. *Mutiara Medika Edisi Khusus*. 2007. 7(1) : 29 – 33.
79. Monti JP, Brunet PJ, Berland YF, Vanuxem DC, Vanuxem PA, Crevat AD. Opposite effects of urea on hemoglobin-oxygen affinity in anemia of chronic renal failure. *Kidney Int*. 2018. Sep;48(3):827-31.
80. Ayesah MH, Bataineh A, Elamin E, Khader Y, Alawneh K, Rababah M. Adequate hemodialysis improves anemia by enhancing glucose-6-phosphate dehydrogenase activity in patients with end-stage renal disease. *BMC Nephrology*. 2014. 15:155. doi : 10.1186/1471-2369-15-155.
81. Elliot S. Erythropoiesis-stimulating agents and other methods to enhance oxygen transport. *Br J Pharmacol*. 2008 Jun. 154(3): 529–541. doi: 10.1038/bjp.2008.89
82. Geisser P, Burckhardt S. The pharmacokinetics and pharmacodynamics of iron preparations. *Pharmaceutics*. 2011 Mar. 3(1): 12–33. doi: 10.3390/pharmaceutics3010012.