

DAFTAR PUSTAKA

- Alaraj, M., Al-Tamin, N., Rayyan, W.A., Alshammari, F., Hossain, A., Al-Hadireh, T., *et al.*, 2016. Role of age and uric acid level on dialysis efficacy among end stage renal disease patient in Saudi Arabia. *JRMDS*. 424:92
- Ariawan, I., 1998. Besar dan Metode Sampel pada Penelitian Kesehatan. *Jurnal Biostatistik & Kependudukan*. FKM UI. Tidak diterbitkan.
- Bailey, R., Wang, Y., Zhu, V., Rupnow, M.F.T., 2014. Chronic kidney disease in US adults with type 2 diabetes: an updated national estimate of prevalence based on kidney disease: improving global outcomes (KDIGO) staging. *BMC Research Notes*. 7:415.
- Beck, L., 1986. Requiem for gouty nephropathy. *Kidney Int*. 30:280–287.
- Berger, L., Yu, T., 1975. Renal function in gout: An analysis of 524 gouty subjects including long-term follow-up studies. *Am J Med*. 59:605–613.
- Black, J.M., Hawks, J.H., 2005. *Medical Surgical Nursing Clinical Management for Positive Outcome*. 7th ed. Philadelphia: W.B Saunders Company.
- Bo, S., Cavallo-Perin, P., Gentile, L., Repetti, E., Pagano, G., 2001. Hypouricemia and hyperuricemia in type 2 diabetes: Two different phenotypes. *Eur J Clin Invest*. 31: 318–321.
- Borzou, S.R., Gholyaf, M., Zandhila, M., Amini, R., Goodarzi, M.T., Torkaman, B., 2009. The effect of increasing blood flow rate on dialysis adequacy in hemodialysis patients. *Saudi J Kidney Dis Transl*. 20(4): 639-42.
- Bozkurt, O., Topal, C., Inac, M., 2018., The relationship between dialysis adequacy and the rate of change in uric acid level by hemodialysis. *Journal of surgery and medicine* 2. 3:293-297.
- Bullo, B., Marlewski, M., Manitius, J., Smolenski, R.T., Rutkowski, B., 1995. Concentration of adenine nucleotides in blood of predialysis patients with chronic renal failure. *Pol Arch Med Wewn*. 94:389-94
- Cheigh, J.S., Milite, C., Sullivan, J.F., Rubin, A.L., Stenzel K.H. 1992. Hypertension is not adequately controlled in hemodialysis patients. *American Journal of Kidney Diseases*. Vol. XIX. No.5: pp453-459.
- Chobanian, A.V., Bakris, G.L., Black, H.R., Cushman, W.C., Green, L.A., Izza, Jr. J.L. *et al.*, 2003. National Heart, Lung, and Blood Institute; Joint National Committee on Prevention, Detection, Evaluation, and Treatment of High Blood Pressure; National High Blood Pressure Education Program Coordinating Committee. The Seventh Report of the Joint National Committee on Prevention, Detection, Evaluation and Treatment of High Blood Pressure. *J Am Med Assoc*. 289:2560–2572.

- Choi, H.K., Atkinson, K., Karlson, E.W., Curhan, G., 2008. Obesity, weight change, hypertension, diuretic use and risk of gout in men: the health professionals follow-up study. *Arch Intern Med.* 165(7): 742-8
- Cronin, R.E., Henrich, W.L. 2010. Kt/V and The Adequacy of Hemodialysis. Available from: URL: <http://www.ncbi.nlm.nih.gov/pubmed/9807323>
- Daugirdas, J.T., Blake, P.G., Ing, T.S. 2007. Handbook of Dialysis 4th edition. Philadelphia: Lippincott.
- Davies Jr NS., 1897. The cardiovascular and renal relations and manifestations of gout. *J Am Med Assoc.* 29:261
- Dewi, I.G.A.P.A., 2010. *Hubungan antara Quick of Blood/Qb dengan Adekuasi Hemodialisis di Ruang HD BRSU Daerah Tabanan Bali.* [Tesis]. Univ. Indonesia, Jakarta.
- Drechsler, C., Mutsert, R., Grootendorst, D.C., Boeschoten, E.W., Krediet, R.T., Cessie, S., *et al.*, 2009. Association of body mass index with decline in residual kidney function after initiation of dialysis. *Am J Kidney Dis.* 53: 1014-23.
- Eghlim N., Arezoo K., Behzad E., Mehdi M., Mehrdad T., Shahin A., 2016. The relationship between dialysis adequacy and serum uric acid in dialysis patients; a cross-sectional multi-center study in Iranian hemodialysis centers. *J Renal Inj Prev.* 6(2):142-147
- Eknoyan, G., Levin, N.W., Eschbach, J.W., 2000., KDOQI Clinical Practice Guidelines. Available from: URL: <http://www.asnjournals.org>
- Elisabeth H., Hyon KC., 2008. Menopause, postmenopausal hormone use and serum uric acid level in US women the third national health and nutrition examination survey. *US. Arthritis research and therapy.* 10.R116.
- Erwinsyah., 2009. Hubungan antara Qb dengan penurunan kadar ureum dan kreatinin plasma pada pasien hemodialisis di RSUD Raden Mattaher Jambi. [Tesis]. Univ. Indonesia, Jakarta.
- Fahlen M.T., Agraharkar M., Talavera F., Lederer E., dan Batuman V. 2019. Uric acid nephropathy treatment and management. Available from: URL: <http://www.emedicine.medscape.com>
- Filiopoulos, V., Hadjiyannakos, D., Metaxaki, P., Sideris, V., Takouli, L., Anogiati, A., Vlassopoulos, D., 2008. Inflammation and oxidative stress in patients on hemodiafiltration. *Am J Nephrol.* 28(6):949– 957.
- Filiopoulos, V., Hadjiyannakos, D., Vlassopoulos, D., 2012. New Insights into uric acid effects on the progression and prognosis of Chronic Kidney Disease. *Renal Failure.* 34(4): 510–520

- Fink, J.C., 2001. Spesific faktor on Varians in Dialysis Adequacy. *Journal of the American Society of Nephrology*. 12:164-169.
- Gatot, D., 2003. Rasio Reduksi Ureum dalam Dialisis. Available from: URL: <http://library.usu.ac.id/download/fk/penyakitdalam-dairot%20gatot.pdf>
- Glinsberg, M.H., Kozin, F., O'Malley, M., McCarty, D.J., 1997. Release of platelet constituents by monosodium urate crystals. *J Clin Invest*. 60:999– 1007.
- Hediger, M.A., Johnson, R.J., Miyazaki, H., Endou, H., 2005. Molecular physiology of urate transport. *Amerocan physiological Society*. 20 (2). 125-133.
- Hink, H.U., Santanam, N., Dikalov, S., McCann, L., Nguyen, A.D., Parthasarathy, S., *et al.*, 2002. Peroxidase properties of extracellular superoxide dismutase: Role of uric acid in modulating in vivo activity. *Arterioscler Thromb Vasc Biol*. 22:1402-1408.
- Hong, W., Lee, Y.J., 2019. The association od dialysis adequacy, body mass index, and mortality among dialysis patient. *BMC Nephrol*.20:382
- Indonesian renal registry., 2015. 8th Report of Indonesian Renal Registry.
- Iseki, K., Oshiro, S., Tozawa, M., Iseki, C., Ikemiya, Y., Takishita, S., 2001. Significance of hyperuricemia on the early detection of renal failure in a cohort of screened subjects. *Hypertens Res*. 24:691–697.
- Jindal, K., Chan, C.T. 2006. Hemodialysis adequacy in Adult. *J Am Soc Neph*. 17:4-7.
- Johnson R.J., Feig DI., 2003. Hyperuricemia in childhood essential hypertension. *Hypertension*. 42:247–252.
- Johnson R.J., Herrera-Acosta J., Schreiner G.F., Rodriguez-Iturbe B., 2002. Subtle acquired renal injury as a mechanism of salt-sensitive hypertension. *N Engl J Med*. 346:913–923.
- Johnson R.J., Kang DH., Feig D., Kivlighn S., Kanellis J., Watanabe S., *et al.*, 2003. Is there a pathogenetic role for uric acid in hypertension and cardiovascular and renal disease?. *Hypertension*. 41(6): 1183–1190.
- Johnson R.J., Kivlighn S.D., Kim Y.G., Suga S., Fogo A.B., 1999. Reappraisal of the pathogenesis and consequences of hyperuricemia in hypertension, cardiovascular and renal disease. *Am J Kidney Dis*. 33:225–234.
- JNC 7., 2003. Guidelines for the Management of Hypertension in Adults. *J Am Med Assoc*. NIH Publication. No. 03-5233.
- K/DOQI., 2006. Clinical practice guidelines for hemodialysis adequacy. Available from: URL: <http://www.kidney.org/Professionals/kdoqi>.

- Kallenbach, J.Z., Gutch, C.F., Stoner, M.H., & Corca, A.L. 2005. *Hemodialysis for nurses and dialysis personal*. 7th Ed. St. Louis Missouri: Elsevier Mosby.
- Kang, D.H., Nakagawa, T., Feng, L., Watanabe, S., Han, L., Mazzali, M., *et al.*, 2002. A role of uric acid in the progression of renal disease. *J Am Soc Nephrol*. 13: 2888–2897.
- Kang, D.H., Park, S.K., Lee, I.K., Johnson, R.J., 2005. Uric acid induced C-reactive protein (CRP) expression: Implication on cell proliferation and nitric oxide production in human vascular cells. *J Am Soc Nephrol*. 16:3553–3562.
- Kaplan, N.M., Opie, L.H., 2006. Controversies in hypertension. *Lancet*. 367:168–176.
- Kuzkaya, N., Weissmann, N., Harrison, D.G., Dikalov, S., 2005. Interactions of peroxynitrite with uric acid in the presence of ascorbate and thiols: Implications for uncoupling endothelial nitric oxide synthase. *Biochem Pharmacol*. 70: 343–354.
- Lamb, E., Newman, D.J., 2006. Kidney function test dalam Burtis, C.A., Ashwood, E.R., Prince, C.P., *Tietz text book of clinical chemistry and molecular diagnostic*. 4th Ed. Elsevier Saunders, USA.
- Li, F.K., Lai, K.N., 2000. Current issues in the chronic renal failure: Dialysis. *Havas media*
- Lee, S.M., Lee, A.L., Winters, T.J., Tam, E., Jaleel, M., Stenvinkel, P., Johnson R.J., 2008. Low serum uric acid level is a risk factor for death in incident hemodilysis patients. *Am J Neph*. 29:79-85
- Lesan Pezeshki, M., Matini, S.M., Taghadosi, M., Moosavi, S.G.A., 2001. Evaluation of the sufficiency of dialysis in patient with renal disease in Kashan from 1997 to 1998. *Feyz J*. 5:82-7.
- Marion, H., Reinhard, B., Eike, W., Peter, F., Matthias, Sc., Karl-Martin, K., 1996. Chronic Induction of C-Reactive Protein by Hemodialysis, but not by Peritoneal dialysis therapy. *Peritoneal Dialysis International*. 16: 158-162.
- Mousavi Movahed SM, Komeyli M, Komeyli MA, Doulati M. 2007. Assesment of adequacy of dialysis in patient under continuous hemodialysis in Kamkar and Hazrat Vali Asr Hospital, State of Qom, 2006. *Qom Uni Med Sci J*. 1 (2):45-52.
- Nakagawa, T, Kang, D.H., Feig, D., Sanchez-Lozada, L.G., Srinivas, T.R., Sautin, Y, *et al.* 2006. Unearthing uric acid: An ancient factor with recently found significance in renal and cardiovascular disease. *Kidney Int*. 69 (10): 1722–1725.
- Nakagawa, T., Mazzali, M., Kang, D.H., Sanchez-Lozada, L.G., Herrera-Acosta, J., Johnson, R.J., 2006. Uric acid: A uremic toxin? *Blood Purif*. 24:67–70.

- National Kidney Foundation. 2001. Guidelines for Hemodialysis adequacy. Available from: URL: <http://www.kidney.org/Professionals/kdoqi/>.
- KDIGO., 2012. CKD. Guideline. Available from: <https://kdigo.org/guideline>.
- Nieto, F.J., Iribarren, C., Gross, M.D., Comstock, G.W., Cutler, R.G., 2000. Uric acid and serum antioxidant capacity: A reaction to atherosclerosis? *Atherosclerosis*. 148:131–139.
- NKF-K/DOQI., 2000. Clinical practice guidelines for hemodialysis adequacy. Available from: URL: <http://www.kidney.org/Professionals/kdoqi>.
- Notoatmodjo, S., 2010. *Metodologi penelitian kesehatan*. Rieka Cipta, Jakarta.
- Nugraha, A., 2009. Korelasi perubahan tekanan darah pra dan pasca dialysis dengan lama menjalani hemodialisis kronik di RSUPN Cipto Mangunkusumo pada bulan Februari 2009. [skripsi]. Univ. Indonesia, Jakarta.
- Ohno, I., Hosoya, T., Gomi, H., Ichida, K., Okabe, H., Hikita, M., 2001. Serum uric acid and renal prognosis in IgA nephropathy. *Nephron*. 87:333–339.
- Oktiadewi, A.A., Ayu putri., 2012. Hubungan kadar Hb dan status gizi dengan kualitas hidup pasien penyakit ginjal kronik stadium V yang menjalani hemodialisis. [undergraduated thesis]. Univ. Diponegoro, Semarang.
- Park, C., Obi, Y., Streja, E., Rhee, C.M., Catabay, C.J., Vaziri, N.D., Kovesdy, C.P., Kalantar-Zadeh, K., 2017. Serum uric acid, protein intake and mortality in hemodialysis patients. *Transplantasi Nephro Dial*. 32: 1750-7.
- Pearson, T.A., Blair, S.N., Daniels, S.R., Eckel, R.H., Fair, J.M., Fortmann, S.P., *et al.*, 2002. AHA guidelines for primary prevention of cardiovascular disease and stroke: 2002 update: Consensus panel guide to comprehensive risk reduction for adult patients without coronary or other atherosclerotic vascular diseases. American Heart Association Science Advisory and Coordinating Committee. *Circulation*. 106:388–391.
- Pearson, T.A., Mensah, G.A., Alexander R.W., Anderson, J.L., Cannon, R.O., Chiqui, M., Fadl, Y.Y., Fortmann, S.P., Hong, Y., Myers, G.L., Rifai, N., Smith, S.C., Taubert, K., Tracy, R.P., Vinicor, F., 2003. AHA/CDC Scientific statements Markers of Inflammation and Cardiovascular Disease, Application to Clinical and Public Health Practice: A Statement for Health care Professionals from the Centers for Disease Control and Prevention and the American Heart Association. *Circulation*. 107: 499.
- Pernefri., 2003. Konsensus Dialisis Perhimpunan Nefrologi Indonesia. Jakarta.
- Porth, M.C., Mattfin, G., 2009. Pathophysiology Concepts of altered Health States. 8th ed. Lippincott Williams & Wilkins, Philadelphia.

- Pourfarzianu, V., Ghanbarpour, F., Nemati, E., Taheri, S., Einollahi, B. 2008. Laboratory variables and Treatment Adequacy in Hemodialysis Patient in Iran. *Saudi Journal of Nursing Scholarship*. 42(3): 242-9.
- Pranoto, I., 2010. Hubungan antara lama hemodialisis dengan terjadinya perdarahan intraserebral [skripsi]. Univ. Sebelas Maret, Surakarta.
- Price, S.A., Wilson, L.M. 2006. *Patofisiologi, konsep klinis proses-proses penyakit*. Vol. 2. 6th Ed. Buku kedokteran EGC, Jakarta.
- Putra, T.R. 2006. Hiperurisemia. Dalam: Sudoyo A.W., Setyohadi B., Alwi I., Simadibrata K.M., Setiati S., *Buku ajar ilmu penyakit dalam*. Edisi IV, hal: 1203-1207. Pusat penerbitan ilmu penyakit dalam universitas Indonesia. Jakarta
- Septiwi, C., 2011. Hubungan antara adekuasi hemodialisis dengan kualitas hidup pasien hemodialisis di unit hemodialisis RS. Prof. Dr. Margono Soekarjo Purwokerto [Tesis]. Univ. Indonesia, Jakarta.
- Setyoningsih, R., 2009. Faktor-faktor yang berhubungan dengan kejadian hiperurisemia pada pasien dr. kariadi Semarang [Skripsi]. Univ. Diponegoro, Semarang.
- Siu, Y.P., Leung, K.T., Tong, M.K., Kwan, T.H., 2006. Use of allopurinol in slowing the progression of renal disease through its ability to lower serum uric acid level. *Am J Kidney Dis*. 47:51–59.
- Suhardjono. 2014. Gagal Ginjal Kronik. Dalam: *Buku ajar ilmu penyakit dalam*. edisi ke-4. Jilid I. Pusat penerbitan ilmu penyakit dalam universitas Indonesia. Jakarta
- Sunartejo, T., 2012. Hubungan hiperurisemia dengan angka kejadian stroke iskemik di RSUD Dr. Moewardi [tesis]. Univ. Muhammadiyah, Surakarta.
- Sundstrom, J., Sullivan, L., D'Agostino, R., Levy, D., Kannel, W.B., Vasan, R.S., 2005. Relations of serum uric acid to longitudinal blood pressure tracking and hypertension incidence in the Framingham Heart Study. *Hypertension*. 45:28–33.
- Suwitra, Ketut. 2014. Gagal Ginjal Kronik. Dalam: *Buku ajar ilmu penyakit dalam*. edisi ke-4. Jilid I. Pusat penerbitan ilmu penyakit dalam universitas Indonesia, Jakarta.
- Syrjanen, J., Mustonen, J., Pasternak, A., 2000. Hypertriglyceridemia and hyperuricemia are risk factors for progression of IgA nephropathy. *Nephrol Dial Transplant*. 15:34–42.
- Taalat, K.M., El-Sheikh, A.R., 2007. The effect of mild hyperuricaemia on urinary transforming growth factor beta and the progression of chronic kidney disease. *Am J Nephrol*. 27:435–440.

- Taziki, O.B, Kashi, Z., 2003. Determination of dialysis sufficiency in the patients referring to dialysis center of fatemeh Zahrah hospital of Sari in 2000. *J Mazandaran Uni Med Sci.* 13:40-6
- Tseng, C.H., 2005. Correlation of uric acid and urinary albumin excretion rate in patients with type 2 diabetes mellitus in Taiwan. *Kidney Int.* 68:796–801.
- Wasse H, Nancy K, Zhang R, and Huang Y. 2007. Association of initial hemodialysis vascular Acces with patient-reported health status and Quality of Life. *American society of nephrology*, 2(4): 708-714.
- Zadeh, K., & Kople, J.D., 2006. Inflammtotion in Renal Insufficiency. *UptoDate* 14.3.