

DAFTAR PUSTAKA

- Anonim. 2018. ADVIA 120, Hematology System.
- Anonim1. 2002. Youden ' s J statistic. *Wikipedia*, 1: 3–4.
- Babitt, J.L. & Lin, H.Y. 2012. Mechanisms of Anemia in CKD. *J Am Soc Nephrol*, 23: 1631–1634.
- Bahrainwala, J. & Berns, J.S. 2016. Diagnosis of Iron-Deficiency Anemia in Chronic Kidney Disease. *Semin Nephrol*, 36(2): 94–98.
- Balitbankes RI. 2013. *Riset Kesehatan Dasar*. Jakarta.:1-306
- Bhandari, S., Norfolk, D., Brownjohn, A. & Turney, J. 1997. Evaluation of RBC ferritin and reticulocyte measurements in monitoring response to intravenous iron therapy. *Am J Kidney Dis*, 30(6): 814–821.
- Bowry, S.K. & Gatti, E. 2011. Impact of hemodialysis therapy on anemia of chronic kidney disease: The potential mechanisms. *Blood Purif*, 32(3): 210–219.
- Brugnara, C. 2000. Reticulocyte cellular indices: A new approach in the diagnosis of anemias and monitoring of erythropoietic function. *Crit Rev Clin Lab Sci*, 37(2): 93–130.
- Brugnara, C., Laufer, M.R., Friedman, A.J., Bridges, K. & Platt, O. 1994. Reticulocyte Hemoglobin Content (Chr): Early Indicator Of Iron Deficiency And Response To Therapy. *blood journal*, 83: 3100–3101.
- Brugnara, C., Schiller, B. & Moran, J. 2006. Reticulocyte hemoglobin equivalent (Ret He) and assessment of iron-deficient states. *Clin. Lab. Haem.*, 28: 303–308.
- Cai, J., Wu, M., Ren, J., Du, Y., Long, Z., Li, G., Han, B. & Yang, L. 2017. Evaluation of the Efficiency of the Reticulocyte Hemoglobin Content on Diagnosis for Iron Deficiency Anemia in Chinese Adults. *Nutrients*, 9(5): 450.
- Chen, Y.C., Hung, S.C. & Tarng, D.C. 2006. Association Between Transferrin Receptor-Ferritin Index and Conventional Measures of Iron Responsiveness in Hemodialysis Patients. *Am J Kidney Dis*, 47(6): 1036–1044.
- Coyne, D. 2006. Challenging the boundaries of anemia management: A balanced approach to i.v. iron and EPO therapy. *Int Soc Nephrol*, 69(SUPPL. 101): S1–S3.
- Coyne, D.W., Goldsmith, D. & Macdougall, I.C. 2017. New options for the anemia of chronic kidney disease. *Kidney Int Suppl*, 7(3): 157–163.
- Dahlan, S. 2014. *Deskriptif, Bivariat, dan Multivariat dilengkapi Aplikasi Menggunakan SPSS*. Jakarta: Epidemiologi Indonesia,6(1):47-128.
- Doig, K. 2016. Disorders of Iron and Heme Metabolism. *Oncohem Key*.
- Fernandez, Y. 2015. *Reticulocyte Hemoglobin Equivalent (RET He) sebagai Uji Skrining Defisiensi Besi pada Pasien Hemodialisis*. Yogyakarta:1-87.
- Fischbach, F.A., Gregory, D.W., Harrison, P.M., Hoy, T.G. & Williams, J.M. 1971. On the structure of hemosiderin and its relationship to ferritin. *J Ultrastruct Res*, 37(5–6): 495–503.
- Fishbane, S., Galgano, C., Langley, R.C., Canfield, W. & Maesaka, J.K. 1997. Reticulocyte hemoglobin content in the evaluation of iron status of

- hemodialysis patients. *Kidney Int*, 52(1): 217–222.
- Fishbane, S., Shapiro, W., Dutka, P., Valenzuela, O.F. & Faubert, J. 2001. A randomized trial of iron deficiency testing strategies in hemodialysis patients. *Kidney International*, 60(6): 2406–2411.
- Gafor, A.H.A., Subramaniam, R., Hadi, F., Cader, R., Yen, K., Mohd, R. & Shah, S.A. 2018. The Role of Reticulocyte Hemoglobin Content in the Management of Iron Deficiency Anemia in Patients on Hemodialysis. *Nephro-Urol Mon*, 10(3): 1–5.
- Goodnough, L.T., Skikne, B. & Brugnara, C. 2000. Erythropoietin, iron, and erythropoiesis. *Am Soc Haematol*, 96(3): 823–833.
- Hidayat, R., Azmi, S. & Pertiwi, D. 2016. Hubungan Kejadian Anemia dengan Penyakit Ginjal Kronik pada Pasien yang Dirawat di Bagian Ilmu Penyakit Dalam RSUP dr M Djamil Padang Tahun 2010. *Jurnal Kesehatan Andalas*, 5(3): 546–550.
- InfoDATIN. 2017. *Situasi Penyakit Ginjal Kronis*. Indonesia: 1-12.
- IRR. 2015. 8 th Report Of Indonesian Renal Registry.
- IRR. 2016. 9 th Report Of Indonesian Renal Registry. : 1–46.
- IRR. 2017. 10 th Report Of Indonesian Renal Registry.
- Kaneko, Y., Miyazaki, S., Hirasawa, Y., Gejyo, F. & Suzuki, M. 2003. Transferrin saturation versus reticulocyte hemoglobin content for iron deficiency in Japanese hemodialysis patients. *Int Soc Nephrol*, 63(3): 1086–1093.
- Karagülle, M., Gündüz, E., Mutlu, F.Ş. & Akay, M.O. 2013. Clinical Significance of Reticulocyte Hemoglobin Content in the Diagnosis of Iron Deficiency Anemia. *Turkish J Haematol*, 30(2): 153–156.
- KDOQI & Review, E. 2006. KDOQI Clinical Practice Guidelines and Clinical Practice Recommendations for Anemia in Chronic Kidney Disease. Executive Summary. *Am J kidney Dis*, 47(5): S11-70.
- KemenKes RI. 2014. *Profil Kesehatan Indonesia Tahun 2013*. Jakarta: 1-40.
- Kemkes. 2018. Cegah dan kendalikan penyakit ginjal dengan cerdas dan patuh. available from: <http://www.depkes.go.id/article/print/18030700007/:1-3>.
- Kim, J.M., Ihm, C.H. & Kim, H.J. 2008. Evaluation of reticulocyte haemoglobin content as marker of iron deficiency and predictor of response to intravenous iron in haemodialysis patients. *Int J Lab Haematol*, 30(1): 46–52.
- Koca, E., Cetiner, D.A., Buyukasik, Y., Uner, A., Sayinalp, N. & Haznedaroglu, I.C. 2013. Bone Marrow Iron Staining is a Reliable Test for Elimination of Iron Deficiency Anemia Rather than its Diagnosis. *Int J Haematol Oncol*, 23(4): 260–263.
- Kurzawa, T., Owczarek, A., Strzelczyk, J., Gołabek, K. & Wiczkowski, A. 2016. The Content of Reticulocyte Hemoglobin and Serum Concentration of the Soluble Transferrin Receptor for Diagnostics of Anemia in Chronically Hemodialyzed Patients. *Adv Clin Exp Med*, 25(3): 425–431.
- Lankhorst, C.E. & Wish, J.B. 2010. Anemia in renal disease: Diagnosis and management. *Blood Reviews*, 24(1): 39–47.
- Legovini, P., Osis, J., Giacomini, A. & Beghi, L. 2000. Anemia Control in Chronic Renal Failure. *IFAC*, 33(3): 267–272.

- Lubis, A.. & Siregar, J.. 2013. Anemia pada Penyakit Ginjal Kronik. *UNSU*: 1–20.
- Luyckx, V.A., Tonelli, M. & Stanifer, J.W. 2018. The global burden of kidney disease and the sustainable development goals. *Bull World Health Organ*, 96(6): 414–422C.
- MacOni, M., Cavalca, L., Danise, P., Cardarelli, F. & Brini, M. 2009. Erythrocyte and reticulocyte indices in iron deficiency in chronic kidney disease: Comparison of two methods. *Scand J of Clin Lab Invest*, 69(3): 365–370.
- Mambatta, A.K., Alagesan, M., Meeran, M., Rein, J.L., Ganesan, S., Mathew, A.C., Gurusamy, V., Kuppusamy, J. & Menon, M.C. 2017. Evaluation of iron status in patients with end stage renal disease. *Int J Adv Med*, 4(5): 1415–1421.
- Mikhail, A., Brown, C., Williams, J.A., Mathrani, V., Shrivastava, R., Evans, J., Isaac, H. & Bhandari, S. 2017. Renal association clinical practice guideline on Anaemia of Chronic Kidney Disease. *BMC Nephrology*, 18(1): 1–29.
- Mitsuiki, K., Harada, A. & Miyata, Y. 2003. Assessment of iron deficiency in chronic hemodialysis patients: Investigation of cutoff values for reticulocyte hemoglobin content. *Clin Exp Nephrol*, 7(1): 52–57.
- Mittman, N., Sreedhara, R., Mushnick, R., Chattopadhyay, J., Zelmanovic, D., Vaseghi, M. & Avram, M.M. 1997. Reticulocyte hemoglobin content predicts functional iron deficiency in hemodialysis patients receiving rHuEPO. *Am J Kidney Dis*, 30(6): 912–922.
- Miwa, N., Akiba, T., Kimata, N., Tsuchiya, K., Hamaguchi, Y., Tamura, T., Nitta, K. & Arakawa, Y. 2009. Usefulness of measuring reticulocyte hemoglobin equivalent in the management of haemodialysis patients with iron deficiency. *Int J Lab Haematol*, 32(2): 248–255.
- NCC-CC. 2008. *Chronic Kidney Disease*. London: Royal College of Physicians.
- NKF-KDOQI. 2002. *Clinical Practice Guidelines For Chronic Kidney Disease: Evaluation, Classification and Stratification*. New York.
- NKF-KDOQI. 2006. Executive Summary. *Am J Kidney Dis*, 47(5): s11–s15.
- Ombuh, C., Rotty, L. & Palar, S. 2011. Status Besi Pada Pasien Penyakit Ginjal Kronik Yang Sedang Menjalani Hemodialisis Di RSUD Prof.Dr.R.D Kandou Manado. : 1–8.
- PERNEFRI. 2011. *Konsensus Manajemen Anemia Pada Penyakit Ginjal Kronik*. II. Jakarta: PERNEFRI: 1-48
- Piva, E., Brugnara, C., Spolaore, F. & Plebani, M. 2014. Clinical Utility of Reticulocyte Parameters. *Clin Lab Med*, 35(1): 133–163.
- Polin, V., Coriat, R., Perkins, G., Dhooze, M., Abitbol, V., Leblanc, S., Prat, F. & Chaussade, S. 2013. Iron deficiency: From diagnosis to treatment. *Dig Liver Dis*, 45(10): 803–809.
- Prommer, H.U., Maurer, J., Von Websky, K., Freise, C., Sommer, K., Nasser, H., Samapati, R., Reglin, B., Guimarães, P., Pries, A.R. & Querfeld, U. 2018. Chronic kidney disease induces a systemic microangiopathy, tissue hypoxia and dysfunctional angiogenesis. *Sci Rep*, 8(1): 1–14.
- Pusponegoro, W, W., A, P., J, B. & S., Z. 2010. Uji Diagnostik. In I. S. Sastroasmoro S, ed. *Dasar-dasar Metodologi Penelitian Klinis*. Jakarta: CV

- Sagung Seto: 193–216.
- Putra, E., Sutarga, M., Kardiwinata, M., Suariyani, P., Septarini, W. & Subrata, M. 2016. Modul Penelitian Uji Diagnostik dan Skrining.
- Rafi, A., Karkar, A. & Abdelrahman, M. 2007. Monitoring Iron status in End-Stage Renal Disease Patients on Hemodialysis. *Saudi J Kidney Dis Transplant*, 18(1): 73–78.
- Ratcliffe, L.E.K., Thomas, W., Glen, J., Padhi, S., Pordes, B.A.J., Wonderling, D., Connell, R., Stephens, S., Mikhail, A.I., Fogarty, D.G., Cooper, J.K., Dring, B., Devonald, M.A.J., Brown, C. & Thomas, M.E. 2016. Diagnosis and management of iron deficiency in CKD: A summary of the NICE guideline recommendations and their rationale. *Am J Kidney Dis*, 67(4): 548–558.
- Reddy, G.C., Devaki, R. & Rao, P. 2013. Iron Indices in Patients with Functional Anemia in Chronic Kidney Disease. *EJIFCC*, 24(3): 129–36.
- Safari, S., Baratloo, A., Elfil, M. & Negida, A. 2016. Evidence Based Emergency Medicine; Part 5 Receiver Operating Curve and Area under the Curve. *Emergency*, 4(2): 111–3.
- Saputra, D.H. 2017. Perkembangan Terapi Erythropoietin Stimulating Agent untuk Anemia Penyakit Ginjal Kronik. *CDK*, 44: 37–42.
- Sastroasmoro, S. & Ismael, S. 2014. *Dasar-dasar Metodologi penelitian Klinis*. 5th ed. Jakarta: Sagung Seto: 219-245.
- Schrier, S.L. & Auerbach, M. 2018. Causes and diagnosis of iron deficiency and iron deficiency anemia in adults. *UpToDate*.
- Silaban, B.J., Sugeng, C. & Waleleng, B.J. 2016. Gambaran status besi pada pasien penyakit ginjal kronik stadium 5 dengan anemia yang menjalani hemodialisis reguler. *e-CliniC*, 4(Vol 4, No 2 (2016): Jurnal e-CliniC (eCI)).
- Siswosudarmo, R. 2017. Tes diagnostik (Diagnostic test).
- Spivak, J.L. 2002. Iron and the anemia of chronic disease. *Oncology (Williston Park)*, 16(9 Suppl 10): 25–33. <https://www.cancernetwork.com/review-article/iron-and-anemia-chronic-disease>.
- Tessitore, N., Solero, G. Pietro, Lippi, G., Bassi, A., Faccini, G.B., Bedogna, V., Gammara, L., Brocco, G., Restivo, G., Bernich, P., Lupo, A. & Maschio, G. 2001. The role of iron status markers in predicting response to intravenous iron in haemodialysis patients on maintenance erythropoietin. *Nephrol Dial Transplant*, 16(7): 1416–1423.
- Tonelli, M. & Riella, M. 2014. Chronic Kidney Disease and the Aging Population. *Indian J Nephrol*, 24(2): 71–75.
- Wang, W., Knovich, M.A., Coffman, L.G., Torti, F.M. & Torti, S. V. 2010. Serum ferritin: Past, present and future. *Biochim Biophys Acta*, 11(2): 760–780.
- Wirawan, R., Tedja, A.T., Henrika, F. & Lydia, A. 2017. Concordance between Reticulocyte Hemoglobin Equivalent and Reticulocyte Hemoglobin Content in CKD Patients Undergoing Hemodialysis. *Indones J Intern Med*, 49(1): 34–40.
- Wish, J.B. 2006. Assessing iron status: beyond serum ferritin and transferrin saturation. *Clin J Am soc Nephrol*, 1 Suppl 1: S4–S8.