

DAFTAR PUSTAKA

- Adriani, M., & Wirjatmadi, B., 2012. Anemia, in: Pengantar Gizi Masyarakat. Kencana, Jakarta, pp. 47–58.
- Al-Naseem, A., Sallam, A., Choudhury, S., & Thachil, J., 2021. Iron deficiency without anaemia: A diagnosis that matters. *Clin. Med. J. R. Coll. Physicians London* 21: 107–113. doi:10.7861/CLINMED.2020-0582
- Alis, R., Fuster, O., Rivera, L., Romagnoli, M., & Vaya, A., 2015. Influence of age and gender on red blood cell distribution width. *Clin. Chem. Lab. Med.* 53: e25–e28. doi:10.1515/cclm-2014-0756
- AlQuaiz, J.M., Abdulghani, H.M., Khawaja, R.A., & Shaffi-Ahamed, S., 2012. Accuracy of various iron parameters in the prediction of iron deficiency anemia among healthy women of child bearing age, Saudi Arabia. *Iran. Red Crescent Med. J.* 14: 397–401.
- Altman, D.G., 1991. Practical Statistics for Medical Research, 1st ed. Chapman and Hall, London.
- Andrews, N.C., 1999. Disorders of Iron Metabolism. *Physician's Guid. to Diagnosis, Treat. Follow. Inherit. Metab. Dis. Second Ed.* 1986–1995. doi:10.1007/978-3-030-67727-5_37
- Andriastuti, M., Ilmana, G., Nawangwulan, S.A., & Kosasih, K.A., 2020. Prevalence of anemia and iron profile among children and adolescent with low socio-economic status. *Int. J. Pediatr. Adolesc. Med.* 7: 1–5.
- Anonim, 2024. STATISTIK INDONESIA: STATISTICAL YEAR BOOK OF INDONESIA 2024, Statistik Indonesia 2024. Badan Pusat Statistik Indonesia, Jakarta.
- Anonim, 2022. BC-760[B]/BC-760[R]/BC-780[R] AUTO HEMATOLOGY ANALYZER OPERATOR'S MANUAL. Shenzhen Mindray Bio-medical Electronics Co., Ltd., Shenzhen.
- Anonim, 2019. Laporan Nasional Riskesdas 2018, Kementerian Kesehatan Republik Indonesia. Jakarta.
- Anonim, 2012. Guideline : Daily iron and folic acid supplementation in pregnant women, World Health Organization. WHO, Geneva.
- Anonim, 2011. Serum ferritin concentrations for the assessment of iron status and iron deficiency in populations 1–5.
- Anonim, 2009. Manual Book Biosystem A15. BIOSYSTEMS, S.A, Barcelona.
- Anonim, 2001. Iron deficiency anaemia : Assessment, Prevention, and Control. A guide for programme managers. WHO, Geneva. doi:10.1136/bmj.314.7096.1759
- Ariyawatkul, K., & Wongtong, N., 2022. Prevalence and Associated Factors of Iron Deficiency Anemia Among Female Medical Students. *J hematol Transfus Med* 32: 315–322.
- Åsberg, A.E., Mikkelsen, G., Aune, M.W., & Åsberg, A., 2014. Empty iron stores in children and young adults-the diagnostic accuracy of MCV, MCH, and MCHC. *Int. J. Lab. Hematol.* 36: 98–104. doi:10.1111/ijlh.12132
- Auerbach, M., & Adamson, J.W., 2016. How we diagnose and treat iron deficiency anemia. *Am. J. Hematol.* 91: 31–38. doi:10.1002/ajh.24201

- Bahrainwala, J., & Berns, J.S., 2016. Diagnosis of Iron-Deficiency Anemia in Chronic Kidney Disease. *Semin Nephrol.* 36: 94–98.
- Balendran, S., & Forsyth, C., 2021. Non-anaemic iron deficiency. *Aust. Prescr.* 44: 193–196. doi:10.18773/austprescr.2021.052
- Besarab, A., Hörl, W.H., & Silverberg, D., 2009. Iron Metabolism, Iron Deficiency, Thrombocytosis, and the Cardiorenal Anemia Syndrome. *Oncologist* 14: 22–33. doi:10.1634/theoncologist.2009-s1-22
- Boulton, F., 2008. Evidence-based criteria for the care and selection of blood donors, with some comments on the relationship to blood supply, and emphasis on the management of donation-induced iron depletion. *Transfus. Med.* 18: 13–27. doi:10.1111/j.1365-3148.2007.00818.x
- Brugnara, C., 2003. Iron deficiency and erythropoiesis: New diagnostic approaches. *Clin. Chem.* 49: 1573–1578.
- Cacoub, P., Vandewalle, C., & Peoc'h, K., 2019. Using transferrin saturation as a diagnostic criterion for iron deficiency: A systematic review. *Crit Rev Cl Lab Sci* 56: 526–532.
- Cai, J., Wu, M., Ren, J., Du, Y., Long, Z., Li, G., et al., 2017. Evaluation of the efficiency of the reticulocyte hemoglobin content on diagnosis for iron deficiency anemia in Chinese adults. *Nutrients* 9. doi:10.3390/nu9050450
- Camaschella, C., 2019. Iron deficiency. *Blood* 133: 30–39. doi:10.1182/blood-2018-05-815944
- Camaschella, C., 2015. Iron Deficiency Anemia. *N Engl J Med* 372: 1832–43. doi:10.1056/NEJMra1401038
- Camaschella, C., Hoffbrand, A.V., & Hershko, C., 2016. Iron Metabolism, Iron Deficiency and Disorders of Haem Synthesis, in: Hoffbrand, A.V., Catovsky, D., & Tuddenham, E.G.D. (Eds.), *HOFFBRAND'S ESSENTIAL HAEMATOLOGY*. Blackwell, London, pp. 21–39.
- Capellini, M.D., Musallam, K.M., & Taher, A.T., 2020. Iron deficiency anaemia revisited. *J Intern Med* 287: 153–170.
- Choudhary, M., Sharma, D., Shekhawat, D.S., & Dabi, D., 2015. Significance of Red Cell Distribution Width in the Diagnosis of Iron Deficiency Anemia: An Observational Study from India. *J Pediatr Neonatal Care* 2: 1–5.
- Cohen-Solal, A., Philip, J.L., Picard, F., Delarche, N., Taldir, G., Gzara, H., et al., 2022. Iron deficiency in heart failure patients: the French CARENFER prospective study. *ESC Hear. Fail.* 9: 874–884. doi:10.1002/ehf2.13850
- Çorbacioğlu, Ş.K., & Aksel, G., 2023. Receiver operating characteristic curve analysis in diagnostic accuracy studies: A guide to interpreting the area under the curve value. *Turkish J. Emerg. Med.* 23: 195–198. doi:10.4103/tjem.tjem_182_23
- Daru, J., Colman, K., Stanworth, S.J., De La Salle, B., Wood, E.M., & Pasricha, S.R., 2017. Serum Ferritin as an Indicator of Iron Status: What Do We Need to Know? *Am. J. Clin. Nutr.* 106: 1634–1639.
- Deshmukh-Taskar, P.R., Radcliffe, J.D., Liu, Y., & Nicklas, T.A., 2010. Do breakfast skipping and breakfast type affect energy intake, nutrient intake, nutrient adequacy, and diet quality in young adults? NHANES 1999–2002. *J. Am. Coll. Nutr.* 29: 407–418. doi:10.1080/07315724.2010.10719858

- Dettori, J.R., & Norvell, D.C., 2020. Kappa and Beyond: Is There Agreement? *Glob. Spine J.* 10: 499–501. doi:10.1177/2192568220911648
- Deutsch, M., Manolakopoulos, S., Andreadis, I., Giannaris, M., Kontos, G., Kranidioti, H., et al., 2018. Bacterial infections in patients with liver cirrhosis: Clinical characteristics and the role of C-reactive protein. *Ann. Gastroenterol.* 31: 77–83. doi:10.20524/aog.2017.0207
- Dobson, A. J., 1984. Calculating Sample Size. *Trans. Menzies Found.* 7: 75–79.
- Doig, K., 2025. Iron Kinetics and Laboratory Assessment, in: Keohane, Elaine M., Butina, Michelle Montgomery., Mirza, Kamran M. Walenga, J.M. (Ed.), Rodak's Hematology Clinical Principles And Applications. 7th ed. Elsevier, Missouri, pp. 122–138.
- Doig, K., 2020. Disorders of Iron Kinetics and Heme Metabolism, in: Keohane, Elaine M. Otto, Catherine N. Walenga, J.M. (Ed.), Rodak's Hematology: Clinical Principles and Application. 5th ed. Elsevier, Missouri, pp. 264–281.
- Fletcher, Robert H. Fletcher, S.W., 2005. Diagnosis, in: CLINICAL EPIDEMIOLOGY THE ESSENTIALS. Lippincott Williams and Wilkins, Philadelphia, pp. 35–57.
- Fletcher, A., Forbes, A., Svenson, N., & Wayne Thomas, D., 2022. Guideline for the laboratory diagnosis of iron deficiency in adults (excluding pregnancy) and children. *Br. J. Haematol.* 196: 523–529. doi:10.1111/bjh.17900
- Galaris, D., Barbouti, A., & Pantopoulos, K., 2019. Iron homeostasis and oxidative stress: An intimate relationship. *Biochim. Biophys. Acta - Mol. Cell Res.* 1866: 118535. doi:10.1016/j.bbamcr.2019.118535
- Ganz, T., & Nemeth, E., 2015. Iron homeostasis in host defence and inflammation. *Nat. Rev. Immunol.* 15: 500–510. doi:10.1038/nri3863
- Ganz, T., & Nemeth, E., 2012. Hepcidin and iron homeostasis. *Biochim. Biophys. Acta - Mol. Cell Res.* 1823: 1434–1443. doi:10.1016/j.bbamcr.2012.01.014
- Gattermann, N., Muckenthaler, M.U., Kulozik, A.E., Metzgeroth, G., & Hastka, J., 2021. Investigation of Iron Deficiency and Iron Overload. *Dtsch. Arztebl. Int.* 118: 847–856. doi:10.3238/arztebl.m2021.0290
- Haas, J.D., & Brownlie IV, T., 2001. Iron deficiency and reduced work capacity: A critical review of the research to determine a causal relationship. *J. Nutr.* 131: 676S-690S. doi:10.1093/jn/131.2.676s
- Hassan, T.H., Badr, M.A., Karam, N.A., Zkaria, M., El Saadany, H.F., Rahman, D.M.A., et al., 2016. Impact of iron deficiency anemia on the function of the immune system in children. *Med. (United States)* 95: 1–5. doi:10.1097/MD.0000000000005395
- Hoffbrand, A. Victor; Moss, P.A., 2016. Hypochromic anaemias, in: HOFFBRAND'S ESSENTIAL HAEMATOLOGY. 7th ed. wiley blackwell, West Sussex, pp. 27–40.
- Hogan, Catherine A. Banaei, Niaz. Hitchcock, Matthew M. Deresinsky, S.C., 2023. The Role of the Clinical Laboratory in Infection Prevention and Antimicrobial Stewardship, in: Rifai, Nader. Chiu, Rossa WK. Young, Ian. Burnham, Carey-Ann D. Wittwer, C.T. (Ed.), TIETZ TEXTBOOK OF LABORATORY MEDICINE. Elsevier, Missouri, pp. 1182–1200.
- Hurrell, R., & Egli, I., 2010. Iron bioavailability and dietary reference values. *Am.*

- J. Clin. Nutr.* 91: 1461S-1467S. doi:10.3945/ajcn.2010.28674F
- Hurrell, R.F., Reddy, M.B., Juillerat, M., & Cook, J.D., 2006. Meat protein fractions enhance nonheme iron absorption in humans. *J. Nutr.* 136: 2808–2812. doi:10.1093/jn/136.11.2808
- Hussein, S., & Rabaty, A., 2021. Red cell distribution width's role in differentiating iron deficiency anemia from other hypochromic microcytic anemias. *Zanco J. Med. Sci.* 25: 625–632. doi:10.15218/zjms.2021.028
- Kallner, A., 2018. Youden Index [WWW Document]. URL [https://www.sciencedirect.com/topics/medicine-and-dentistry/youden-index#:~:text=The maximum value of the,diagonal\) in the ROC diagram.](https://www.sciencedirect.com/topics/medicine-and-dentistry/youden-index#:~:text=The maximum value of the,diagonal) in the ROC diagram.(accessed 5.19.25)) (accessed 5.19.25).
- Karakaş, N.M., Kirkiz, S., & Kaya, Z., 2022. Identification of subclinical iron deficiency using new erythrocytes, leukocytes, and reticulocytes parameters during nonsevere acute infection in pediatric outpatients. *Turkish J. Med. Sci.* 52: 1674–1681. doi:10.55730/1300-0144.5509
- Keohane, E.M., Otto, C.N., & Walenga, J.M., 2016. *Rodak's Hematology Clinical Principles and Applications*, 5th ed. Elsevier Saunders, Missouri.
- Kim, Airie; Nemeth, E., 2018. New insights into iron regulation and erythropoiesis. *Physiol. Behav.* 176: 139–148. doi:10.4049/jimmunol.1801473.
- Koca, E., Cetiner, D.A., Buyukasik, Y., Uner, A., Sayinalp, N., Haznedaroglu, I.C., et al., 2013. Bone Marrow Iron Staining is a Reliable Test for Elimination of Iron Deficiency Anemia Rather than its Diagnosis. *Int. J. Hematol. Oncol.* 23: 260–263.
- Lazzarotto, C., Ronsoni, M.F., Fayad, L., Nogueira, C.L., Bazzo, M.L., Narciso-Schiavon, J.L., et al., 2013. Acute phase proteins for the diagnosis of bacterial infection and prediction of mortality in acute complications of cirrhosis. *Ann. Hepatol.* 12: 431–439. doi:10.1016/s1665-2681(19)31344-4
- Lopez, A., Cacoub, P., Macdougall, I.C., & Peyrin-Biroulet, L., 2016. Iron deficiency anaemia. *Lancet* 387: 907–916.
- Ludong, M., Sukartini, N., Indrasari, N.D., & Wulandari, D., 2024. Detecting Iron Deficiency Anemia in Type C Hospital: Role of RDW and MCV Parameters. *Indones. J. Clin. Pathol. Med. Lab.* 30: 122–125.
- Lynch, S., 2010. PRIORITIES IN THE ASSESSMENT OF VITAMIN A AND IRON STATUS IN POPULATIONS: The rationale for selecting and standardizing iron status indicators. Geneva.
- Manchanda, N., 2025. Anemias: Red Blood Cell Morphology and Approach to Diagnosis, in: Keohane, E.M., Butina, M.M., Mirza, K.M., & Walenga, J.M. (Eds.), *Rodak's Hematology: Clinical Principle and Application*. 7th ed. Elsevier, Missouri, pp. 262–273.
- Manito, N., Cerqueiro, J.M., Comín-Colet, J., García-Pinilla, J.M., González-Franco, A., Grau-Amorós, J., et al., 2017. Consensus Document of the Spanish Society of Cardiology and the Spanish Society of Internal Medicine on the diagnosis and treatment of iron deficiency in heart failure. *Rev. Clínica Española (English Ed.)* 217: 35–45. doi:10.1016/j.rceng.2016.10.003
- Manito, N, Cerqueiro, J.M., Pereira, J.R., & Manzano, L., 2017. Revista Clínica Española Consensus Document of the Spanish Society of Cardiology and the

- Spanish Society of Internal Medicine on the diagnosis and treatment of iron deficiency in heart failure &. *Rev. Clínica Española (English Ed.* 217: 35–45. doi:10.1016/j.rceng.2016.10.003
- Mattiello, V., Schmutge, M., Hengartner, H., von der Weid, N., & Renella, R., 2020. Diagnosis and Management of Iron Deficiency in Children With or Without Anemia: Consensus Recommendations of the SPOG Pediatric Hematology Working Group. *Eur. J. Pediatr.* 179: 527–545.
- Moon, Tara Cothran. Doig, K., 2025. Disorders of Iron Kinetics and Heme Metabolism, in: Keohane, Elaine M. Butina, Michelle M. Mirza, Kamran M. Walenga, J.M. (Ed.), *Rodak's Hematology Clinical Principles And Applications*. 7th ed. Elsevier, Missouri, pp. 275–296.
- Nah, E.H., Cho, H.I., Cho, S., & Kim, S., 2020. Subclinical Iron Deficiency in Non-Anemic Individuals: A Retrospective Analysis of Korean Health Examinees. *Acta Haematol.* 143: 26–32. doi:10.1159/000500630
- Nemeth, E., & Ganz, T., 2006. Regulation of iron metabolism by hepcidin. *Annu. Rev. Nutr.* 26: 323–342. doi:10.1146/annurev.nutr.26.061505.111303
- Nguyen, L.T., Buse, J.D., Baskin, L., Sadrzadeh, S.M.H., & Naugler, C., 2017. Influence of diurnal variation and fasting on serum iron concentrations in a community-based population. *Clin. Biochem.* 50: 1237–1242. doi:10.1016/j.clinbiochem.2017.09.018
- Norton, P., Araújo, N., Pinho, P., Costa Gomes, J., Silva, C., Gama, C., et al., 2020. Diagnosis, treatment, and work impact of iron deficiency anemia in a Portuguese urban community. *Porto Biomed. J.* 5: 1–7.
- Ogar, C.O., Okpokam, D.C., Okoroiwu, H.U., & Okafor, I.M., 2022. Comparative analysis of hematological parameters of first-time and repeat blood donors: Experience of a blood bank in southern Nigeria. *Hematol. Transfus. Cell Ther.* 44: 512–518. doi:10.1016/j.htct.2021.06.013
- Ogawa, C., Tsuchiya, K., & Maeda, K., 2020. Reticulocyte hemoglobin content. *Clin. Chim. Acta* 504: 138–145. doi:10.1016/j.cca.2020.01.032
- Okam, M.M., Koch, T.A., & Tran, M.H., 2017. Iron Supplementation, Response in Iron-Deficiency Anemia: Analysis of Five Trials. *Am. J. Med.* 130: 991.e1-991.e8. doi:10.1016/j.amjmed.2017.03.045
- Osungbade, K.O., & Oladunjoye, A.O., 2012. Anaemia in Developing Countries: Burden and Prospects of Prevention and Control. *Anemia* 116–129.
- Pasricha, S.R., Tye-Din, J., Muckenthaler, M.U., & Swinkels, D.W., 2021. Iron deficiency. *Lancet* 397: 233–248. doi:10.1016/S0140-6736(20)32594-0
- Pfeiffer, C.M., & Looker, A.C., 2017. Laboratory methodologies for indicators of iron status: strengths, limitations, and analytical challenges. *Am. J. Clin. Nutr.* 106: 1606S-1614S. doi:10.3945/ajcn.117.155887
- Pietrangolo, A., 2010. Hereditary hemochromatosis: Pathogenesis, diagnosis, and treatment. *Gastroenterology* 139: 393-408.e2. doi:10.1053/j.gastro.2010.06.013
- Ponka. Prem. Sheftel, A.D., 2012. Erythroid Iron Metabolism, in: Anderson, G.J., & McLaren, G.D. (Eds.), *Iron Physiology and Pathophysiology in Humans*. Springer London, London, pp. 191–210.
- Punnonen, K., Irjala, K., & Rajama, A., 1997. Serum Transferrin Receptor and Its

- Ratio to Serum Ferritin in the Diagnosis of Iron Deficiency. *Blood* 89: 1052–1057.
- Ricos, C., Alvares, V., & Cava, F., 2014. Biologic Variation and Desirable Specifications for QC [WWW Document]. URL <https://westgard.com/essays/guest-essay/guest17.html> (accessed 8.11.25).
- Ringoringo, H.P., 2016. Insidens Defisiensi Besi dan Anemia Defisiensi Besi pada Bayi Berusia 0-12 Bulan di Banjarbaru Kalimantan Selatan: studi kohort prospektif. *Sari Pediatr.* 11: 8. doi:10.14238/sp11.1.2009.8-14
- Rivera, A.K.B., Latorre, A.A.E., Nakamura, K., & Seino, K., 2023. Using complete blood count parameters in the diagnosis of iron deficiency and iron deficiency anemia in Filipino women. *J. Rural Med.* 18: 79–86. doi:10.2185/jrm.2022-047
- Rund, D., & Rachmilewitz, E., 2005. Beta -Thalassemia. *N. Engl. J. Med.* 353: 1135–46.
- Sachin Pandey, & Arun Singh, 2022. a Cross Sectional Study of Nutritional Anemia Among Medical Students in a Medical College, At Bilaspur, Chhattisgarh. *Natl. J. Med. Res.* 3: 143–146.
- 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: 111–3.
- Sangkhae, V., & Nemeth, E., 2017. Regulation of the iron homeostatic hormone hepcidin. *Adv. Nutr.* 8: 126–136. doi:10.3945/an.116.013961
- Sarkar, Mayukh Kanti. Fritsma, G.A., 2025. Quality Assurance in Hematology and Hemostasis Testing, in: Keohane, Elaine M. Butina, Michelle M. Mirza, Kamran M. Walenga, J.M. (Ed.), Rodak's Hematology: Clinical Principles And Applications Hematology. Elsevier, Missouri, pp. 18–42.
- Shams, S., Asheri, H., Kianmehr, A., Ziaee, V., Koochakzadeh, L., Monajemzadeh, M., et al., 2010. The prevalence of iron deficiency anaemia in female medical students in Tehran. *Singapore Med. J.* 51: 116–119.
- Sinclair, L.M., & Hinton, P.S., 2005. Prevalence of iron deficiency with and without anemia in recreationally active men and women. *J. Am. Diet. Assoc.* 105: 975–978. doi:10.1016/j.jada.2005.03.005
- Skikne, B.S., Flowers, C.H., & Cook, J.D., 1990. Serum transferrin receptor: A quantitative measure Of tissue iron deficiency. *Blood* 75: 1870–1876. doi:10.1182/blood.v75.9.1870.bloodjournal7591870
- Suega, K., Kandarini, Y., & Tubung, J., 2019. Role of Soluble Transferrin Receptor and Transferrin Receptor-Ferritin Index to Detect Iron Deficiency Anemia in Regular Hemodialysis Patients. *Open access Maced. J. Med. Sci.* 7: 97–102. doi:10.3889/OAMJMS.2019.012
- Sultana, G.S., Haque, S.A., Sultana, T., Rahman, Q., & Ahmed, A.N.N., 2011. Role of red cell distribution width (RDW) in the detection of iron deficiency anaemia in pregnancy within the first 20 weeks of gestation. *Bangladesh Med. Res. Counc. Bull.* 37: 102–105. doi:10.3329/bmr.v37i3.9122
- Sung, E.S., Choi, C.K., Kim, N.R., Kim, S.A., & Shin, M.-H., 2018. Association of Coffee and Tea with Ferritin: Data from the Korean National Health and Nutrition Examination Survey (IV and V). *Chonnam Med. J.* 54: 178.

doi:10.4068/cmj.2018.54.3.178

- Thomas, C., & Thomas, L., 2002. Biochemical markers and hematologic indices in the diagnosis of functional iron deficiency. *Clin. Chem.* 48: 1066–76. doi:<https://doi.org/10.1515/CCLM.2005.206>
- Tiwari, M., Kotwal, J., Kotwal, A., Mishra, P., Dutta, V., & Chopra, S., 2013. Correlation of haemoglobin and red cell indices with serum ferritin in indian women in second and third trimester of pregnancy. *Med. J. Armed Forces India* 69: 31–36. doi:10.1016/j.mjafi.2012.07.016
- Ulas, T., Buyukhatipoglu, H., Kirhan, I., Dal, M.S., Ulas, S., Emin, M., et al., 2013. Evaluation of oxidative stress parameters and metabolic activities of nurses working day and night shifts. *Rev. da Esc. Enferm.* 47: 471–476. doi:10.1590/S0080-62342013000200028
- Urrechaga, E., Martínez, B., Naharro, I., Fernández, M., & Erce, J.A.G., 2024. Reticulocyte Hb expression reported by the Mindray BC6800 Plus analyzer for the detection of iron deficiency in patient blood management. *J. Lab. Precis. Med.* 9: 0–2. doi:10.21037/jlpm-24-28
- Vuk, T., Bingulac-Popović, J., Očić, T., Mayer, L.J., Milošević, M., & Jukić, I., 2017. Combined cell index in assessing blood donor iron stores. *Transfus. Med.* 27: 16–24. doi:10.1111/tme.12370
- Weir, Connor B. Jan, A., 2023. BMI Classification Percentile And Cut Off Points [WWW Document]. *StatPearls*. URL <https://www.ncbi.nlm.nih.gov/books/NBK541070/> (accessed 4.7.25).
- Weiss, G., Ganz, T., & Goodnough, L.T., 2019. Anemia of inflammation. *Blood* 133: 40–50. doi:10.1182/blood-2018-06-856500
- Weiss, G., & Goodnough, L.T., 2005. Anemia of chronic disease. *N. Engl. J. Med.* 1011–23. doi:10.1002/9781394180486.ch12
- White, K., 2016. Disorders of Iron Kinetics and Heme Metabolism, in: Keohane, E.M., Smith, L.J., & Walenga, J.M. (Eds.), *Rodak's Hematology Clinical Principles And Applications*. 5th ed. Elsevier, New York, pp. 219–310.
- Wirth, J.P., Rajabov, T., Petry, N., Woodruff, B.A., Shafique, N.B., Mustafa, R., et al., 2018. Micronutrient deficiencies, over-and undernutrition, and their contribution to anemia in azerbaijani preschool children and non-pregnant women of reproductive age. *Nutrients* 10. doi:10.3390/nu10101483
- Wratsangka, R., Tungka, E.X., Murthi, A.K., Ali, S., Nainggolan, I.M., & Sahiratmadja, E., 2024. Anemia among Medical Students from Jakarta: Indonesia - Iron Deficiency or Carrier Thalassemia? *Anemia* 2024. doi:10.1155/2024/4215439
- Wu, A.C., Lesperance, L., & Bernstein, H., 2011. Screening for Iron Deficiency. *Pediatr. Rev.* 23: 171–178.
- Yokus, O., Yilmaz, B., Albayrak, M., Sahin Balcik, O., Helvaci, M.R., & Sennaroglu, E., 2011. The Significance of Serum Transferrin Receptor Levels in the Diagnosis of the Coexistence of Anemia of Chronic Disease and Iron Deficiency Anemia. *EAJM* 43: 9–12.
- Zikidou, P., Tsigalou, C., Trypsianis, G., Karvelas, A., Tsalkidis, A., & Mantadakis, E., 2022. Prevalence of Anemia, Iron Deficiency, Iron Deficiency Anemia and Diagnostic Performance of Hematologic and Biochemical Markers of



UNIVERSITAS
GADJAH MADA

AKURASI DAN RELIABILITAS INDEKS ERITROSIT UNTUK SKRINING DEFISIENSI BESI TANPA ANEMIA PADA DOKTER DAN MAHASISWA KEDOKTERAN

Sri Ratna Fitriadewi, Dr. dr. Tri Ratnaningsih, M.Kes, Sp.PK. Subsp.B.D.K.T.(K), Subsp.H.K.(K); Prof. Dr. dr. Osman
Universitas Gadjah Mada, 2025 | Diunduh dari <http://etd.repository.ugm.ac.id/>

Sideropenia in 1- To 5-Year-Old Children in Thrace Greece. *Mediterr. J. Hematol. Infect. Dis.* 14: 1–10. doi:10.4084/MJHID.2022.054