

DAFTAR PUSTAKA

- Abdelrahman, E.G., Gasim, G.I., Musa, I.R., Elbashir, L.M., Adam, I. 2012. Red blood cell distribution width & iron deficiency anemia among pregnant Sudanese women. *Diagn. Pathol.*, 7(168):1–12.
- Achi, H. El, & Khoury, J. D. (2020). Artificial intelligence and digital microscopy applications in diagnostic hematopathology. *Cancers*. <https://doi.org/10.3390/cancers12040797>
- Ahmed, M.M., Ghauri, S.K., Javaeed, A., Rafique, N., Hussain, W., Khan, N. 2020. Trends of utilization of complete blood count parameters for patient management among doctors in Azad Kashmir. *Pak J Med Sci*, 36(5):999–1004.
- Alexander Enabnit. 2020. 14.Poikilocytosis- A Comprehensive Exploration of Causes, Types, Diagnosis, & Clinical Significance - DoveMed.
- Ali, S.A., Razzaq, S., Aziz, S., Allana, A., Ali, A.A., Naeem, S., Khowaja, N., Ur Rehman, F. 2023. Role of iron in the reduction of anemia among women of reproductive age in low-middle income countries: insights from systematic review & meta-analysis. *BMC Womens Health*, 23(1).
- Andika, O., Puspitasari, A.; 2019. Buku Ajar Mata Kuliah Hematologi Diterbitkan oleh UMSIDA PRESS.
- Archer, N.M., Brugnara, C. 2015. Diagnosis of iron-deficient states. *Crit Rev Clin Lab Sci.*, 52(5):1–17.
- Bachman, E., Travison, T.G., Basaria, S., Davda, M.N., Guo, W., Li, M., Connor Westfall, J., Bae, H., Gordeuk, V., Bhasin, S. 2014. Testosterone induces erythrocytosis via increased erythropoietin & suppressed hepcidin: Evidence for a new erythropoietin/hemoglobin set point. *Journals of Gerontology - Series A Biological Sciences & Medical Sciences*, 69(6).
- Bahrainwala, J., Berns, J.S. 2016. Diagnosis of Iron-Deficiency Anemia in Chronic Kidney Disease. *Semin Nephrol.*, 36(2):94–98.
- Barnhart, H. X., & Barboriak, D. P. (2009). Applications of the repeatability of quantitative imaging biomarkers: A review of statistical analysis of repeat data sets. *Translational Oncology*, 2(4). <https://doi.org/10.1593/tlo.09268>
- Bogdanova, A., Kaestner, L., Simionato, G., Wickrema, A., & Makhro, A. (2020). Heterogeneity of Red Blood Cells: Causes and Consequences. *Frontiers in Physiology*. <https://doi.org/10.3389/fphys.2020.00392>



- Bruce LJ. Hereditary stomatocytosis and cation-leaky red cells—recent developments. *Blood Cells Mol Dis.* 2009;42(3):216-222.
- 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(8):526–532.
- Camaschella, C., Hoffbrand, A.V., Hershko, C. 2016. Iron Metabolism, Iron Deficiency & Disorders of Haem Synthesis. in Hoffbrand, A.V., Catovsky, D., & Tuddenham, E.G.D. (eds) *Postgraduate Haematology*. Fifth. London: Blackwell, 21–39.
- Cappellini, M.D., Russo, R., Andolfo, I., Iolascon, A. 2020. Inherited microcytic anemias. Italy. Available at: <http://ashpublications.org/hematology/article-pdf/2020/1/465/1795097/hem2020000158c.pdf>.
- CellaVision. 2019. CellaVision.
- Chen, X., Zheng, B., Liu, H. 2011. Optical & digital microscopic imaging techniques & applications in pathology. *Analytical Cellular Pathology*, 5–18.
- Chhabra, G. (2018). Automated hematology analyzers: Recent trends and applications. *Journal of Laboratory Physicians*, 10(01). https://doi.org/10.4103/jlp.jlp_124_17
- 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(6):1–6.
- De Franceschi, L., Iolascon, A., Taher, A., Cappellini, M.D. 2017. Clinical Management of Iron Deficiency Anemia in Adults: Systemic Review on Advances in Diagnosis & Treatment. *Eur. J. Intern. Med.*, 42(30):1–8.
- Dev, S., Babitt, J.L. 2017. Overview of Iron Metabolism in Health & Disease. *Hemodial Int.*, 21(1):1–21.
- Dignass, A., Farrag, K., Stein, J. 2018. Limitations of Serum Ferritin in Diagnosing Iron Deficiency in Inflammatory Conditions. *Int J Chronic Dis*, 2018:1–11.
- Gulati, G., Uppal, G., & Gong, J. (2022). Unreliable Automated Complete Blood Count Results: Causes, Recognition, and Resolution. *Annals of Laboratory Medicine*, 42(5). <https://doi.org/10.3343/alm.2022.42.5.515>
- Harrington, A.M., Ward, P.C.J., Kroft, S.H. 2008. Iron deficiency anemia, β -thalassemia minor, & anemia of chronic disease : A morphologic reappraisal. *Am J Clin Pathol*, 129(3):466–471.
- Hartati, S., Harjoko, A., Supardi, T.W. 2011. The Digital Microscope & Its Image Processing Utility. *TELKOMNIKA*, 9(3):565–574.
- Johnson Wimbley, T.D., Graham, D.Y. 2011. Diagnosis & management of iron deficiency anemia in the 21st century. *Therap Adv Gastroenterol*, 177–184.



- Jones, K.W. 2020. Evaluation of Cell Morphology and Introduction to Platelet and White Blood Cell Morphology. CLS(NCA). MS, MT(ASCP). 93 - 113
- Keohane, E.M., Smith, L.J., Walenga, J.M. 2016. Disorders of Iron Kinetics & Heme Metabolism.in White, K. (ed.) Rodak's Hematology Clinical Principles & Applications. Fifth edit. New York, 219–310.
- Ketut Suega. 2015. Aspek biologik dan klinik besi: dari anemia defisiensi besi sampai anemia dengan kelebihan besi.
- Kosasih, A. S., Hajat, A., Prihatni, D., Budiwijono, I., Utami, L., Setiawan, L., Arthamin, M. Z., Ludong, M., Sukartini, N., Lembar, S., & Ratnaningsih, T. (2018). *Panduan Evaluasi Dan Standardisasi Pelaporan Sediaan Apus Darah Tepi* (L. Utami & A. S. Kosasih, Eds.). Perhimpunan Dokter Spesialis Patologi Klinik dan Kedokteran Laboratorium Indonesia.
- Kumar, A., Kushwaha, R., Singh, U., Gupta, C. 2013. An analytical study on peripheral blood smears in anemia & correlation with cell counter generated red cell parameters. J. Appl.Hematol., 4(4):137–144.
- Kumar, S.B., Arnipalli, S.R., Mehta, P., Carrau, S., Ziouzenkova, O. 2022. Iron Deficiency Anemia: Efficacy & Limitations of Nutritional & Comprehensive Mitigation Strategies. Nutrients.
- Kurniati, I. 2020. Anemia Defisiensi Zat Besi (Fe). JK Unila |. Indonesia.
- Lee, G.H., Yoon, S., Nam, M., Kim, H., Hur, M. 2023a. Performance of digital morphology analyzer CellaVision DC-1. Clin Chem Lab Med, 61(1):133–141.
- Lee, G.H., Yoon, S., Nam, M., Kim, H., Hur, M. 2023b. Performance of digital morphology analyzer CellaVision DC-1. Clin Chem Lab Med, 61(1):133–141.
- Lopez, A., Cacoub, P., Macdougall, I.C., Peyrin-Biroulet, L. 2016. Iron deficiency anaemia. The Lancet, 387(10021):907–916.
- Magdalena, G., Ewa, G., Anna, F.-D. 2019. Analysis of changes in the morphology of erythrocytes – microscopic evaluation of peripheral blood smears. Journal of Education, 9(7):2391–8306.
- Navya, K., Prasad, K., & Singh, B. M. K. (2022). Analysis of red blood cells from peripheral blood smear images for anemia detection: a methodological review. Medical and Biological Engineering and Computing. <https://doi.org/10.1007/s11517-022-02614-z>
- Navya, Prasad, K., Singh, B.M.K. 2022. Analysis of red blood cells from peripheral blood smear images for anemia detection: a methodological review. Med Biol Eng Comput. Springer Science & Business Media Deutschland GmbH, 2445–2462.



- Park, S. J., Yoon, J., Kwon, J. A., & Yoon, S. Y. (2020). Evaluation of the CellaVision Advanced RBC Application for Detecting Red Blood Cell Morphological Abnormalities. *Annals of Laboratory Medicine*, 41(1). <https://doi.org/10.3343/alm.2021.41.1.44>
- Pfeiffer, C.M., Looker, A.C. 2017. Laboratory methodologies for indicators of iron status: strengths, limitations, & analytical challenges. *Am J Clin Nutr*, 106:1606–1620.
- Pratumvinit, B., Wongkrajang, P., Reesukumal, K., Klinbua, C., & Niamjoy, P. (2013). Validation and optimization of criteria for manual smear review following automated blood cell analysis in a large university hospital. *Archives of Pathology and Laboratory Medicine*, 137(3). <https://doi.org/10.5858/arpa.2011-0535-OA>
- Riedl, J.A., Stouten, K., Ceelie, H., Boonstra, J., Levin, M.D., van Gelder, W. 2015a. Interlaboratory Reproducibility of Blood Morphology Using the Digital Microscope. *J Lab Autom*, 20(6):670–675.
- Riedl, J.A., Stouten, K., Ceelie, H., Boonstra, J., Levin, M.D., van Gelder, W. 2015b. Interlaboratory Reproducibility of Blood Morphology Using the Digital Microscope. *J Lab Autom*, 20(6):670–675.
- Rodgers, M.S., Chang, C.C., Kass, L. 1999. Elliptocytes & tailed poikilocytes correlate with severity of iron- deficiency anemia. *Am J Clin Pathol*, 111(5).
- Sai Samyuktha Bandaru, A., Killeen, R.B., Gupta Affiliations, V. 2023. Poikilocytosis. Available at: <https://www.ncbi.nlm.nih.gov/books/NBK562141/?report=printable>.
- Seo, I.H., Lee, Y.J. 2022. Usefulness of Complete Blood Count (CBC) to Assess Cardiovascular & Metabolic Diseases in Clinical Settings: A Comprehensive Literature Review. *Biomedicine*. MDPI.
- Shah, M. 2020. Morphological Study of Human Blood for Different Diseases. *Biomed J Sci Tech Res*, 30(1).
- Tchernia G, Delhommeau F, Perrotta S, et al; European Society for Paediatric Haematology and Immunology Working Group on Hemolytic Anemias. Recombinant erythropoietin therapy as an alternative to blood transfusions in infants with hereditary spherocytosis. *Hematol J*. 2000;1(3):146- 152.
- Trowbridge, J.J., Starczynowski, D.T. 2021. Innate immune pathways & inflammation in hematopoietic aging, clonal hematopoiesis, & MDS. *Journal of Experimental Medicine*.
- Urrechaga, E., Borque, L., Escanero, J.F. 2013. Biomarkers of Hypochromia: The Contemporary Assessment of Iron Status & Erythropoiesis. *BioMed Res. Int.*, 1–8.



- Wacka, E., Wawrzyniak-Gramacka, E., Tylutka, A., Morawin, B., Gutowicz, M., Zembron-Lacny, A. 2023. The Role of Inflammation in Age-Associated Changes in Red Blood System. *Int J Mol Sci*, 24(10).
- Yulfirda Arini, F., Handayati, A., Sulami Endah Astuti, S., Dwi Anggraini, A. 2024. Uji Komparasi Hasil Pemeriksaan Hemoglobin Menggunakan Hematology Analyzer dan Hemoglobin Meter pada Pasien Kadar Normal dan Abnormal Rendah. *Jurnal Penelitian Kesehatan*, 14(1):1–4.
- Zhang, S., He, Y., Wu, W., Tan, H., Xie, S., Liu, M., Chen, W., Sun, D. 2023. Comparison of the performance of two automatic cell morphology analyzers for peripheral-blood leukocyte morphology analysis: Mindray MC-100i & Sysmex DI-60. *Int J Lab Hematol*, 45(6):860–868.