

DAFTAR PUSTAKA

- Abirami, M., Pushpa, K. S. 2020. A Study of Anaemia Prevalence and Dewormin Practices Among Adolescent Girls in Palani Block. *International Journal of Research Publication and Reviews*. 1(6): 1–8.
- Afifah, T., Sugiharti, Rachmalina, R., Siregar, K. N., Rizkianti, A. 2020. Knowledge Profile About Anemia and Disparity Among Adolescent 15–24 years in Indonesia - 2012 and 2017. *Proceedings of the 5th Universitas Ahmad Dahlan Public Health Conference (UPHEC 2019)*.
- Aggarwal, A., Aggarwal, A., Goyal, S., Aggarwal, S. 2020. Iron-deficiency anemia among adolescents: A global public health concern. *International Journal of Advanced Community Medicine*. 3(2): 35–40.
- Al Hadhrami, R., Al Jassasi, K. A., Al Balushi, K., Al Shaaibi, A. 2021. Validity of Red Cell Distribution Width Versus Red Cell Distribution Width Index to Differentiate between Iron Deficiency Anemia and β Thalassemia Trait in an Adult Omani Population: A Cross-sectional Study Contagiosity: A Review. *Primary Health Care: Open Access*. 11(9): 1–5.
- Ali, S., Mumtaz, S., Shakir, H. A., Khan, M., Tahir, H. M., Mumtaz, S., *et al.* 2021. Current status of beta-thalassemia and its treatment strategies. *Molecular Genetics & Genomic Medicine*. 9(12)
- Al-Numan, A. H., Al-Obeidi, R. A. 2021. The value of the Red Cell Distribution Width Index versus other parameters in the differentiation between iron deficiency anemia and beta thalassemia trait among children in Mosul, Iraq. *Expert Review of Hematology*. 14(4): 401–406.
- Arshad, M. B., Farooq I., Nadeem, T. M., Abbas, R., Nawaz, S. H. 2023. Diagnostic Value of Red Cell Distribution Width and Red Blood Cell Distribution Width Index in Differentiating between Iron Deficiency Anemia and Beta Thalassemia Trait. *Pakistan Armed Forces Medical Journal*. 73(5): 1430–1433.
- Ashok, C., Varadarajan, E. 2019. Comparative study of peripheral smear with RBC indices and RBC histogram in diagnosis of anemia. *IJMCSR*. 2(3): 220–227.
- Belinda, J., Mardjuki, E., Bororing, S. R. 2023. Mentzer and RDW Index in the Establishment of Iron Deficiency Anemia Diagnosis in the First Trimester of Pregnant Woman : *Indonesian Journal of Obstetrics and Gynecology*. 11(1): 15–16.
- Bellis, G., Parant, A. 2022. Beta-thalassemia in Mediterranean countries. Findings and outlook. *Investigaciones Geográficas*. 77(1): 129.

- Bhadra, P., Deb, A. 2020. A Review on Nutritional Anemia. *Indian Journal of Natural Sciences*. 10(59): 18674–18681.
- Chaudhry, H. S., Kasarla, M. R. 2025. *Microcytic Hypochromic Anemia*. Statpearls Publishing: Treasure Island.
- Chen, Z., Ilagan, F., Heng, P., Prasad, V. 2023. A-146 A Review of RDW-CV and RDW-SD Measurements in Patients With Iron Deficiency Anemia in an Acute Care Hospital in Singapore. *Clinical Chemistry*. 69(1).
- Choudhary, S., Begum, F., Shivakumar, B. R., Manjunatha, Y. A. 2020. Diagnostic Efficacy of Red Cell Distribution Width (RDW) and Red Cell Distribution Width Index (RDWI) In Microcytic Hypochromic Anemia. *International Journal Dental and Medical Sciences Research*. 4(12): 9–12.
- Dahlan, M. S. 2017. *Statistik untuk Kedokteran dan Kesehatan: Deskriptif, Bivariat, dan Multivariat, dilengkapi Aplikasi dengan Menggunakan SPSS*. Epidemiologi Indonesia.
- Değermenci, Ş., Aslan, D. 2024. HbA2 levels in children with β -thalassemia trait associated with iron deficiency: A perspective for pediatricians. *American Journal of Clinical Pathology*. 162(6): 544–548.
- Dewi, S. 2018. Berat Badan Lahir Rendah Berpengaruh terhadap Kejadian Anemia Defisiensi Besi di Wilayah Puskesmas Jatilawang Kabupaten Banyumas. *Jurnal Kebidanan Harapan Ibu Pekalongan*. 3(1): 88–93.
- Dinkes Jateng. 2024. *Profil Kesehatan Jawa Tengah Tahun 2023*.
- Düzenli Kar, Y., Özdemir, Z. C., Emir, B., Bör, Ö. 2020. Erythrocyte Indices as Differential Diagnostic Biomarkers of Iron Deficiency Anemia and Thalassemia. *Journal of Pediatric Hematology/Oncology*. 42(3): 208–213.
- Eren, R., Karışmaz, A., Aslan, C., Doğu, M. H., Altındal, Ş., Yokuş, O., *et al.* 2021. Beta Thalassemia Minor: Patients Are Not Tired but Depressed and Anxious. *Medical Principles and Practice*. 30(1): 69–72.
- Faraj, A. S., Al Jabar, H. N. A., Mahdi, L. S. 2019. Value of Cell Counter-Based Parameters and Formulas in Detection of β -Thalassemia Minor, the experience of a single Haematological Centre in Iraq. *International Journal of Pharmaceutical Research & Allied Sciences*. 8(2): 98–103.
- Fitriany, J., Saputri, A. I. 2018. Anemia Defisiensi Besi. *AVERROUS: Jurnal Kedokteran Dan Kesehatan Malikussaleh*. 4(2): 1
- Gallagher, P. G. 2022. Anemia in the pediatric patient. *Blood*. 140(6): 571–593.
- Ghozali, I. 2021. *Aplikasi Analisis Multivariate Dengan Program IBM SPSS 26*. Badan Penerbit Universitas Diponegoro: Semarang.

- Hamed, E. O., El-Deen, A. F. 2019. Simple Red Cell Indices in Screening and Discrimination of Iron Deficiency Anemia and Beta Thalassemia Trait in Egyptian Patients. *Open Journal of Blood Diseases*. 9(1): 9–19.
- Hapsari, A. T., Rujito, L. 2015. Uji Diagnostik Indeks Darah dan Identifikasi Molekuler Karier Talasemia $\hat{I}^2$ pada Pendonor Darah di Banyumas. *Jurnal Kedokteran Brawijaya*. 28(3): 233–237.
- Hoffmann, J. J. M. L., Urrechaga, E. 2020. Role of RDW in mathematical formulas aiding the differential diagnosis of microcytic anemia. *Scandinavian Journal of Clinical and Laboratory Investigation*. 80(6): 464–469.
- Jameel, T. A., Baig, M., Ahmed, I., Hussain, M. B., Doghaim Alkhamaly, M. bin. 2017. Differentiation of beta thalassemia trait from iron deficiency anemia by hematological indices. *Pakistan Journal of Medical Sciences*. 33(3).
- Jameson, J. L., Fauci, A. S., Kasper, D. L., Harrison, T. L., Longo, D. L., Loscalzo, J. 2018. *Harrison's Principles of Internal Medicine* Vol. 1 20th ed. McGraw Hill Education: New York.
- Kristiana, R. H., Widyastiti, N. S., Setiawan, E. K. 2018. Uji Sensitivitas dan Spesifisitas Mentzer Index, Red Distribution Width Index, dan Green and King Index terhadap Diagnosis Talasemia Beta Minor dan Anemia Defisiensi Besi. *Jurnal Kedokteran Diponegoro*. 7(2): 787-800.
- Kumar, A., Sharma, E., Marley, A., Samaan, M. A., Brookes, M. J. 2022. Iron deficiency anaemia: pathophysiology, assessment, practical management. *BMJ Open Gastroenterology*. 9(1): e000759.
- Ludong, M., Sukartini, N., Indrasari, N. D., Wulandari, D. 2024. Detecting Iron Deficiency Anemia in Type C Hospital: Role of RDW and MCV Parameters. *Indonesian Journal of Clinical Pathology and Medical Laboratory*. 30(2): 122–125.
- Mantadakis, E. 2020. Iron Deficiency Anemia in Children Residing in High- and Low-Income Countries: Risk Factors, Prevention, Diagnosis, and Therapy. *Mediterranean Journal of Hematology and Infectious Diseases*. 12(1): e2020041
- Mensah, C., Sheth, S. 2021. Optimal strategies for carrier screening and prenatal diagnosis of α - and β -thalassemia. *Hematology*. 2021(1): 607–613.
- Mirani, N., Syahida, A., Khairurrozi, M. 2021. Prevalensi Anemia Defisiensi Besi pada Remaja Putri di Kota Langsa. *Media Publikasi Promosi Kesehatan Indonesia (MPPKI)*. 4(2): 132–137.

- Mohammed, S., Mousa, A., Hashim, A. 2020. Role of Hypochromia and Microcytosis in the prediction of iron deficiency anemia. *Minia Journal of Medical Research*. 31(3): 262–268.
- Mondal, B. R., Hossain, M. K., Ahmed, A., Rahman, L., Pal, K. C. 2022. Use of Red Cell Distribution Width Index for Screening and Differentiation of Iron Deficiency Anemia and Beta Thalassemia Trait. *Annals of International Medical and Dental Research*. 8(3): 107–113.
- Moore, C. A., Killeen, R. B., Adil, A. 2025. *Macrocytic Anemia*. StatPearls Publishing: Treasure Island.
- Musallam, K. M., Lombard, L., Kistler, K. D., Arregui, M., Gilroy, K. S., Chamberlain, C., *et al.* 2023. Epidemiology of clinically significant forms of alpha- and beta-thalassemia: A global map of evidence and gaps. *American Journal of Hematology*. 98(9): 1436–1451.
- Nasruddin, H., Faisal Syamsu, R., Permatasari, D. D. 2021. Angka Kejadian Anemia pada Remaja di Indonesia. *Jurnal Ilmiah Indonesia*. 1(4): 357–364.
- Needs, T., Gonzalez-Mosquera, L. F., Lynch, D. T. 2023. *Beta Thalassemia*. StatPearls Publishing: Treasure Island.
- Nugraha, G. 2023. Memahami Anemia secara Mendasar. In *Mengenal Anemia: Patofisiologi, Klasifikasi, dan Diagnosis*. Penerbit BRIN.
- Nurbadriyah, W. D. 2019. *Anemia Defisiensi Besi*. Deepublish.
- Pasalina, P. E., Sari, N., Devita, H. 2025. Perbedaan Kadar Hepsidin pada Remaja Putri Anemia dan Non Anemia. *Jurnal Kesehatan Komunitas*. 10(3): 556-562.
- Pasricha, S.-R., Tye-Din, J., Muckenthaler, M. U., Swinkels, D. W. 2021. Iron deficiency. *The Lancet*. 397(10270): 233–248.
- Priyantini, Kurniati, H. C. 2024. Hubungan Karakteristik dan Kepatuhan Konsumsi Tablet Fe dengan Kejadian Anemia Ibu Hamil. *Jurnal Kesehatan Masyarakat*. 8(2): 4175–4185.
- Putri, N. M., Briawan, D., Baliwati, Y. F. 2021. Faktor Risiko Anemia pada Anak Sekolah Dasar di Temanggung. *Indonesian Journal of Human Nutrition*. 8(1): 33–45.
- Radi, R., Rejeki, D. S. S., Octaviana, D. 2024. Analisis Faktor Risiko yang Mempengaruhi Kejadian Anemia pada Petani di Desa Lingasari Kabupaten Banyumas. *Jurnal Kesehatan Masyarakat*. 12(2): 120–127.
- Razzaq Khan, M., Zeb, A., Zulfiqar, T. 2022. Clinical and Hematological Profile of β -Thalassemia Minor. *Pakistan Journal of Medical and Health Sciences*. 16(1): 340–341.

- Retnaningsih, Y., Djanah, N. 2024. Peningkatan Pengetahuan Orang Tua tentang Anemia pada Anak dengan Media Aplikasi Anemia Anak. *Jurnal Pengabdian Mandiri*. 3(4): 409–416.
- Roes, B. A., Prihatni, D., Tristina, N. 2024. Perbedaan Parameter Eritrosit Dan Retikulosit Pada Pasien Talasemia Beta Minor Dan Anemia Defisiensi Besi Ringan. *Indonesian Journal of Health Science*. 4(1): 47–56.
- Rujito, L. 2019. *Talasemia : Genetik Dasar dan Pengelolaan Terkini*. Universitas Jenderal Soedirman: Purwokerto.
- Salim, Y., Sukartini, N., Setiawati, A. 2016. Indeks Eritrosit untuk Membedakan Anemia Defisiensi Besi dengan Thalassemia β Trait. *Indonesian Journal of Clinical Pathology and Medical Laboratory*. 23(1): 50–55.
- Saputra, H., Miro, S. 2025. HB E / Thalassemia Beta . *Ranah Research : Journal of Multidisciplinary Research and Development*. 7(2): 1242–1249.
- Sciorio, R., Aiello, R., Irollo, A. M. 2021. Review: Preimplantation genetic diagnosis (PGD) as a reproductive option in patients with neurodegenerative disorders. *Reproductive Biology*. 21(1): 100468.
- Semara, P. B. A. P., Herjunianto, H., Andisari, H. E. 2024. Hubungan Antara Lama Hemodialisis Dengan Red Cell Distribution Width (RDW) Pasien Penyakit Ginjal Kronis yang Menjalani Hemodialisis di Rumah Sakit Pusat Angkatan Laut Dr. Ramelan Surabaya. *Syntax Literate ; Jurnal Ilmiah Indonesia*. 9(9): 4803.
- Senjaya, S., Sriati, A., Maulaa, I., Kurniawan. 2022. Dukungan Keluarga pada ODHA yang Sudah Open Status di Kabupaten Garut. *Jurnal Cakrawala Ilmiah*. 2(3): 1003–1010.
- Siswandari, W., Rujito, L., Indriani, V., Djatmiko, W. 2019. Mentzer Index Diagnostic Value in Predicting Thalassemia Diagnosis. *IOP Conference Series: Earth and Environmental Science*. 255: 012004
- Turner, J., Parsi, M., Badireddy, M. 2025. *Anemia*. Statpearls Publishing: Treasure Island.
- Uçucu, S., Azik, F. 2024. Artificial intelligence-driven diagnosis of β -thalassemia minor & iron deficiency anemia using machine learning models. *Journal of Medical Biochemistry*. 43(1): 11–18.
- Umar, T. P. 2020. Microcytic Anemia: A Brief Overview. *Annals of SBV*. 9(2): 42–47.
- Wahab, A., Junaedi. 2022. Sampling dalam Penelitian Kesehatan. *Jurnal Pendidikan Dan Teknologi Kesehatan*. 5(1): 42–49.

- Xiao, H., Wang, Y., Ye, Y., Yang, C., Wu, X., *et al.* 2021. Differential diagnosis of thalassemia and iron deficiency anemia in pregnant women using new formulas from multidimensional analysis of red blood cells. *Annals of Translational Medicine*. 9(2):141.
- Yang, J., Li, Q., Feng, Y., Zeng, Y. 2023. Iron Deficiency and Iron Deficiency Anemia: Potential Risk Factors in Bone Loss. *International Journal of Molecular Sciences*. 24(8): 6891.
- Yilmaz, G., Shaikh, H. 2023. *Normochromic Normocytic Anemia*. Statpearls Publishing: Treasure Island.
- Zou, J., Huang, S., Xi, H., Huang, C., Zou, L., Qiu, L., *et al.* 2022. Application of an optimized interpretation model in capillary hemoglobin electrophoresis for newborn thalassemia screening. *International Journal of Laboratory Hematology*. 44(1): 223–228.

