

DAFTAR PUSTAKA

- Achadi, E., Latief, D., Briawan, D., H.S. Dillon, D., Muslimatun, S., Marudut, Probhoyekti, D., Santika, O., Suroto, Usman, Y., 2021. Pedoman Penatalaksanaan Pemberian Tablet Tambah Darah. Direktorat Promosi Kesehatan dan Pemberdayaan Masyarakat Kementerian Kesehatan, Jakarta.
- Adamu, A.L., Crampin, A., Kayuni, N., Amberbir, A., Koole, O., Phiri, A., Nyirenda, M., Fine, P., 2017. Prevalence and risk factors for anemia severity and type in Malawian men and women: urban and rural differences. *Popul. Health Metr.* 15, 12. <https://doi.org/10.1186/s12963-017-0128-2>
- Adera, H., Hailu, W., Adane, A., Tadesse, A., 2019. Prevalence Of Anemia And Its Associated Factors Among Chronic Kidney Disease Patients At University Of Gondar Hospital, Northwest Ethiopia: A Hospital-Based Cross Sectional Study. *Int. J. Nephrol. Renov. Dis.* Volume 12, 219–228. <https://doi.org/10.2147/IJNRD.S216010>
- Akbarpour, E., Paridar, Y., Mohammadi, Z., Mard, A., Danehchin, L., Abolnezhadian, F., Azadpour, S., Rahimi, Z., Zamani, M., Cheraghian, B., Poustchi, H., Shayesteh, A.-A., 2022. Anemia prevalence, severity, types, and correlates among adult women and men in a multiethnic Iranian population: the Khuzestan Comprehensive Health Study (KCHS). *BMC Public Health* 22, 168. <https://doi.org/10.1186/s12889-022-12512-6>
- Asres, Y., Yemane, T., Gedefaw, L., 2014. Determinant Factors of Anemia among Nonpregnant Women of Childbearing Age in Southwest Ethiopia: A Community Based Study. *Int. Sch. Res. Not.* 2014, 1–8. <https://doi.org/10.1155/2014/391580>
- Atsma, F., Veldhuizen, I., De Kort, W., Van Kraaij, M., Pasker-de Jong, P., Deinum, J., 2012. Hemoglobin Level Is Positively Associated With Blood Pressure in a Large Cohort of Healthy Individuals. *Hypertension* 60, 936–941. <https://doi.org/10.1161/HYPERTENSIONAHA.112.193565>
- Badan Kebijakan Pembangunan Kesehatan, 2023. Survey Kesehatan Indonesia.
- Badan Pusat Statistik, 2024a. Persentase Merokok Pada Penduduk Umur ≥ 15 Tahun Menurut Kelompok Umur - Tabel Statistik [WWW Document]. URL <https://www.bps.go.id/id/statistics-table/2/MTQzOCMy/persentase-merokok-pada-penduduk-umur---15-tahun-menurut-kelompok-umur--persen-.html> (accessed 8.19.24).
- Badan Pusat Statistik, 2024b. Persentase Merokok Pada Penduduk Umur ≥ 15 Tahun Menurut Daerah Tempat Tinggal - Tabel Statistik [WWW Document]. URL <https://www.bps.go.id/id/statistics-table/2/MTQzNiMy/persentase-merokok-pada-penduduk-umur--15-tahun-menurut-daerah-tempat-tinggal.html> (accessed 8.19.24).
- Balarajan, Y., Ramakrishnan, U., Özaltin, E., Shankar, A.H., Subramanian, S., 2011. Anaemia in low-income and middle-income countries. *The Lancet* 378, 2123–2135. [https://doi.org/10.1016/S0140-6736\(10\)62304-5](https://doi.org/10.1016/S0140-6736(10)62304-5)

- Barbieri, J., Fontela, P.C., Winkelmann, E.R., Zimmermann, C.E.P., Sandri, Y.P., Mallet, E.K.V., Frizzo, M.N., 2015. Anemia in Patients with Type 2 Diabetes Mellitus. *Anemia* 2015, 1–7. <https://doi.org/10.1155/2015/354737>
- Bharati, P., Som, S., Chakrabarty, S., Bharati, S., Pal, M., 2008. Prevalence of Anemia and Its Determinants Among Nonpregnant and Pregnant Women in India. *Asia Pac. J. Public Health* 20, 347–359. <https://doi.org/10.1177/1010539508322762>
- Boersma, P., Black, L.I., Ward, B.W., 2020. Prevalence of Multiple Chronic Conditions Among US Adults, 2018. *Prev. Chronic. Dis.* 17, 200130. <https://doi.org/10.5888/pcd17.200130>
- Centers for Disease Control and Prevention, 2022a. Diabetes Basics [WWW Document]. *Cent. Dis. Control Prev.* URL <https://www.cdc.gov/diabetes/basics/index.html> (accessed 6.5.23).
- Centers for Disease Control and Prevention, 2022b. Chronic Kidney Disease Basics | Chronic Kidney Disease Initiative | CDC [WWW Document]. URL <https://www.cdc.gov/kidneydisease/basics.html> (accessed 6.5.23).
- Centers for Disease Control and Prevention, 2021. High Blood Pressure Symptoms, Causes, and Problems | cdc.gov [WWW Document]. *Cent. Dis. Control Prev.* URL <https://www.cdc.gov/bloodpressure/about.htm> (accessed 6.5.23).
- Centre for Disease Control and Prevention, 2019. Analyzing and Interpreting Data | Epidemic Intelligence Service | CDC [WWW Document]. URL <https://www.cdc.gov/eis/field-epi-manual/chapters/analyze-Interpret-Data.html> (accessed 8.4.23).
- Chandra, D.N., Pansawira, P., Bardosono, S., 2021. Anemia Status and Its Related Factors among Indonesian Workers: Hemoglobin Survey in Three Different Workplaces. *World Nutr. J.* 5, 40–46. <https://doi.org/10.25220/WNJ.V05.S1.0006>
- Chaparro, C.M., Suchdev, P.S., 2019. Anemia epidemiology, pathophysiology, and etiology in low- and middle-income countries. *Ann. N. Y. Acad. Sci. nyas.14092*. <https://doi.org/10.1111/nyas.14092>
- Chow, S.-C., Shao, J., Wang, H., Lokhnygina, Y., 2017. Sample Size Calculations in Clinical Research: Third Edition, 3rd ed. Chapman and Hall/CRC, Third edition. | Boca Raton : Taylor & Francis, 2017. | Series: Chapman & Hall/CRC biostatistics series | “A CRC title, part of the Taylor & Francis imprint, a member of the Taylor & Francis Group, the academic division of T&F Informa plc.” <https://doi.org/10.1201/9781315183084>
- Deivita, Y., Syafruddin, S., Andi Nilawati, U., Aminuddin, A., Burhanuddin, B., Zahir, Z., 2021. Overview of Anemia; risk factors and solution offering. *Gac. Sanit.* 35, S235–S241. <https://doi.org/10.1016/j.gaceta.2021.07.034>
- Dewi, N., 2009. Geografi untuk SMA dan MA kelas XII, 3. CV. Epsilon grup, Jakarta.
- Fallabel, C., 2023. Diabetes, Anemia, and Iron Supplements: What to Know [WWW Document]. *Diabetes Strong.* URL <https://diabetesstrong.com/diabetes-anemia-iron-supplements/> (accessed 8.12.24).

- Feteh, V.F., Choukem, S.-P., Kengne, A.-P., Nebongo, D.N., Ngowe-Ngowe, M., 2016. Anemia in type 2 diabetic patients and correlation with kidney function in a tertiary care sub-Saharan African hospital: a cross-sectional study. *BMC Nephrol.* 17, 29. <https://doi.org/10.1186/s12882-016-0247-1>
- Girelli, D., Marchi, G., Camaschella, C., 2018. Anemia in the Elderly. *HemaSphere* 2, e40. <https://doi.org/10.1097/HS9.0000000000000040>
- Government of Canada, C.I. of H.R., 2014. Definitions of Sex and Gender - CIHR [WWW Document]. URL <https://cihr-irsc.gc.ca/e/47830.html> (accessed 6.5.23).
- Haboubi, N., 2010. Assessment and management of nutrition in older people and its importance to health. *Clin. Interv. Aging* 207. <https://doi.org/10.2147/CIA.S9664>
- Hakizimana, D., Nisingizwe, M.P., Logan, J., Wong, R., 2019. Identifying risk factors of anemia among women of reproductive age in Rwanda – a cross-sectional study using secondary data from the Rwanda demographic and health survey 2014/2015. *BMC Public Health* 19, 1662. <https://doi.org/10.1186/s12889-019-8019-z>
- Handayani, R., 2020. Modul Dasar Kependudukan. Universitas Esa Unggul, Jakarta.
- Hillman, R.S., Ault, K.A., Leporrier, M., Rinder, H.M., 2016. BLOOD LOSS ANEMIA, in: *Hematology in Clinical Practice*, 5e. McGraw-Hill Medical, New York, NY.
- Hoffbrand, A.V., Moss, P.A.H., 2016. Hoffbrand's essential haematology, Seventh edition. ed, Essentials. John Wiley & Sons, Chichester, West Sussex ; Hoboken, NJ.
- Horton, S., Ross, J., 2003. The economics of iron deficiency. *Food Policy* 28, 51–75. [https://doi.org/10.1016/S0306-9192\(02\)00070-2](https://doi.org/10.1016/S0306-9192(02)00070-2)
- Iman Eftekharzadeh-Mashhadi, Mohammad Reza Hedayati-Moghaddam, Farhad Fathimoghaddam, Hamid Reza Bidkhori, Seyed Khosro Shamsian, 1970. Anemia as a Public Health Issue in Mashhad, Iran: Evidence from the First Population-Based Study. *Acta Med. Iran.* 53.
- Kementerian Kesehatan, 2013. Laporan Riset Kesehatan Dasar tahun 2013. Kemenkes R.I., Jakarta.
- Kementerian Kesehatan Republik Indonesia, World Health Organization, Centers for Disease Control and Prevention, 2021. GATS (Global Adult Tobacco Survey).
- Kementerian Kesehatan RI, 2023. Survey Kesehatan Indonesia (SKI) Dalam Angka. Kementerian Kesehatan RI, Jakarta.
- Keohane, E.M., Otto, C.N., Walenga, J.M., 2020. Rodak's hematology: clinical principles and applications, Sixth edition. ed. Elsevier, St. Louis, Missouri.
- Kibret, K.T., Chojenta, C., D'Arcy, E., Loxton, D., 2019. Spatial distribution and determinant factors of anaemia among women of reproductive age in Ethiopia: a multilevel and spatial analysis. *BMJ Open* 9, e027276. <https://doi.org/10.1136/bmjopen-2018-027276>

- Kim, N.H., Lee, J.-M., Kim, H.C., Lee, J.-Y., Yeom, H., Lee, J.H., Suh, I., 2016. Cross-sectional and longitudinal association between hemoglobin concentration and hypertension: A population-based cohort study. *Medicine (Baltimore)* 95, e5041. <https://doi.org/10.1097/MD.0000000000005041>
- Kumar, V., Abbas, A.K., Aster, J.C., Robbins, S.L. (Eds.), 2013. Robbins basic pathology, 9th ed. ed. Elsevier/Saunders, Philadelphia, PA.
- Le, C.H.H., 2016. The Prevalence of Anemia and Moderate-Severe Anemia in the US Population (NHANES 2003-2012). *PLOS ONE* 11, e0166635. <https://doi.org/10.1371/journal.pone.0166635>
- Leifert, J.A., 2008. Anaemia and cigarette smoking. *Int. J. Lab. Hematol.* 30, 177–184. <https://doi.org/10.1111/j.1751-553X.2008.01067.x>
- Loikas, S., Koskinen, P., Irjala, K., Lopponen, M., Isoaho, R., Kivela, S.-L., Pelliniemi, T.-T., 2007. Vitamin B12 deficiency in the aged: a population-based study. *Age Ageing* 36, 177–183. <https://doi.org/10.1093/ageing/afl150>
- Lupescu, A., Bissinger, R., Goebel, T., Salker, M.S., Alzoubi, K., Liu, G., Chirigiu, L., Mack, A.F., Qadri, S.M., Lang, F., 2015. Enhanced Suicidal Erythrocyte Death Contributing to Anemia in the Elderly. *Cell. Physiol. Biochem.* 36, 773–783. <https://doi.org/10.1159/000430137>
- Marcus, H., Schauer, C., Zlotkin, S., 2021. Effect of Anemia on Work Productivity in Both Labor- and Nonlabor-Intensive Occupations: A Systematic Narrative Synthesis. *Food Nutr. Bull.* 42, 289–308. <https://doi.org/10.1177/03795721211006658>
- McPherson, R.A., Pincus, M.R. (Eds.), 2021. Henry's clinical diagnosis and management by laboratory methods, 24th ed. Elsevier, Philadelphia.
- Means, R.J., Krantz, S., 1991. Inhibition of human erythroid colony-forming units by gamma interferon can be corrected by recombinant human erythropoietin [see comments]. *Blood* 78, 2564–2567. <https://doi.org/10.1182/blood.V78.10.2564.2564>
- Milart, P., Woźniakowska, E., Wrona, W., 2018. Selected vitamins and quality of life in menopausal women. *Menopausal Rev.* 17, 180–184. <https://doi.org/10.5114/pm.2018.81742>
- Mohammed, M.R., Mahmood, B., 2022. Morphological Types of Anemia Associated with Chronic Renal Diseases. *Open Access Maced. J. Med. Sci.* 10, 905–908. <https://doi.org/10.3889/oamjms.2022.9338>
- Moyer, V.A., 2012. Screening for Chronic Kidney Disease: U.S. Preventive Services Task Force Recommendation Statement. *Ann. Intern. Med.* 157, 567. <https://doi.org/10.7326/0003-4819-157-8-201210160-00533>
- Mugisha, J.O., Baisley, K., Asiki, G., Seeley, J., Kuper, H., 2013. Prevalence, Types, Risk Factors and Clinical Correlates of Anaemia in Older People in a Rural Ugandan Population. *PLoS ONE* 8, e78394. <https://doi.org/10.1371/journal.pone.0078394>
- Myhre, J., Sifris, D., 2022. Can Diabetes Causes Kidney Disease (and Vice Versa)? [WWW Document]. Verywell Health. URL

- <https://www.verywellhealth.com/diabetes-and-chronic-kidney-disease-6748952> (accessed 8.12.24).
- Namaste, S.M., Aaron, G.J., Varadhan, R., Peerson, J.M., Suchdev, P.S., 2017. Methodologic approach for the Biomarkers Reflecting Inflammation and Nutritional Determinants of Anemia (BRINDA) project. *Am. J. Clin. Nutr.* 106, 333S-347S. <https://doi.org/10.3945/ajcn.116.142273>
- National Heart, Lung, and Blood Institute, 2022a. Anemia - What Is Anemia? | NHLBI, NIH [WWW Document]. URL <https://www.nhlbi.nih.gov/health/anemia> (accessed 6.6.23).
- National Heart, Lung, and Blood Institute, 2022b. High Blood Pressure - Causes and Risk Factors | NHLBI, NIH [WWW Document]. URL <https://www.nhlbi.nih.gov/health/high-blood-pressure/causes> (accessed 6.6.23).
- National Institute of Diabetes and Digestive and Kidney Disease, 2016. What Is Diabetes? - NIDDK [WWW Document]. *Natl. Inst. Diabetes Dig. Kidney Dis.* URL <https://www.niddk.nih.gov/health-information/diabetes/overview/what-is-diabetes> (accessed 6.6.23).
- National Institute of Health, 2022. Sex, Gender, and Sexuality [WWW Document]. *Natl. Inst. Health NIH.* URL <https://www.nih.gov/nih-style-guide/sex-gender-sexuality> (accessed 6.6.23).
- Nayak, R., Rai, S., Gupta, A., 2012. *Essentials in hematology and clinical pathology*, 1st ed. ed. Jaypee Brothers Medical Publishers, New Delhi.
- Nemeth, E., Ganz, T., 2014. Anemia of Inflammation. *Hematol. Oncol. Clin. North Am.* 28, 671–681. <https://doi.org/10.1016/j.hoc.2014.04.005>
- Pasricha, S.-R., Drakesmith, H., Black, J., Hipgrave, D., Biggs, B.-A., 2013. Control of iron deficiency anemia in low- and middle-income countries. *Blood* 121, 2607–2617. <https://doi.org/10.1182/blood-2012-09-453522>
- Paul, B., Wilfred, N.C., Woodman, R., DePasquale, C., 2008. PREVALENCE AND CORRELATES OF ANAEMIA IN ESSENTIAL HYPERTENSION. *Clin. Exp. Pharmacol. Physiol.* 35, 1461–1464. <https://doi.org/10.1111/j.1440-1681.2008.05031.x>
- Pemerintah Daerah Istimewa Yogyakarta, 2023. *PROFIL PERKEMBANGAN KEPENDUDUKAN DAERAH ISTIMEWA YOGYAKARTA TAHUN 2022*. Biro Tata Pemerintahan Setda DIY, Yogyakarta.
- Plows, J., Stanley, J., Baker, P., Reynolds, C., Vickers, M., 2018. The Pathophysiology of Gestational Diabetes Mellitus. *Int. J. Mol. Sci.* 19, 3342. <https://doi.org/10.3390/ijms19113342>
- Safitri, A.Z., Fajariyah, R.N., Astutik, E., 2021. RISK FACTORS OF DIABETES MELLITUS IN URBAN COMMUNITIES IN INDONESIA (IFLS 5). *J. Berk. Epidemiol.* 9, 184–191. <https://doi.org/10.20473/jbe.v9i22021.184-191>
- Sajid, A., Waseem, S.M.A., 2020. Study of anemia in diabetic and non-diabetic subjects: A hospital-based study in Lucknow, Uttar Pradesh. *Natl. J. Physiol.*

- Pharm. Pharmacol. 1.
<https://doi.org/10.5455/njppp.2020.10.02025202002032020>
- Savoia, C., Schiffrin, E.L., 2006. Inhibition of the renin angiotensin system: Implications for the endothelium. *Curr. Diab. Rep.* 6, 274–278. <https://doi.org/10.1007/s11892-006-0060-5>
- Séguy, I., Courgeau, D., Caussinus, H., Buchet, L., 2019. Chronological age, social age and biological age. <https://doi.org/10.13140/RG.2.2.28706.68801>
- Stauder, R., Bach, V., Schruckmayr, G., Sam, I., Kemmler, G., 2014. Prevalence and possible causes of anemia in the elderly: a cross-sectional analysis of a large European university hospital cohort. *Clin. Interv. Aging* 1187. <https://doi.org/10.2147/CIA.S61125>
- Stauder, R., Valent, P., Theurl, I., 2018. Anemia at older age: etiologies, clinical implications, and management. *Blood* 131, 505–514. <https://doi.org/10.1182/blood-2017-07-746446>
- Stauffer, M.E., Fan, T., 2014. Prevalence of Anemia in Chronic Kidney Disease in the United States. *PLoS ONE* 9, e84943. <https://doi.org/10.1371/journal.pone.0084943>
- Sun, D., McLeod, A., Gandhi, S., Malinowski, A.K., Shehata, N., 2017. Anemia in Pregnancy: A Pragmatic Approach. *Obstet. Gynecol. Surv.* 72, 730–737. <https://doi.org/10.1097/OGX.0000000000000510>
- Sundar, Dr.R.M., 2021. A comparative study of blood indices in rural and urban non-pregnant female population of East Godavari district, Andhra Pradesh. *Int. J. Adv. Res. Med.* 3, 561–567. <https://doi.org/10.22271/27069567.2021.v3.i1i.316>
- Sunuwar, D.R., Singh, D.R., Chaudhary, N.K., Pradhan, P.M.S., Rai, P., Tiwari, K., 2020. Prevalence and factors associated with anemia among women of reproductive age in seven South and Southeast Asian countries: Evidence from nationally representative surveys. *PLOS ONE* 15, e0236449. <https://doi.org/10.1371/journal.pone.0236449>
- T. Tunardy, W., 2012. Tempat Tinggal (Domicilie). *J. Huk.* URL <https://jurnalhukum.com/tempat-tinggal-domicilie/> (accessed 6.6.23).
- Theurl, I., Aigner, E., Theurl, M., Nairz, M., Seifert, M., Schroll, A., Sonnweber, T., Eberwein, L., Witcher, D.R., Murphy, A.T., Wroblewski, V.J., Wurz, E., Datz, C., Weiss, G., 2009. Regulation of iron homeostasis in anemia of chronic disease and iron deficiency anemia: diagnostic and therapeutic implications. *Blood* 113, 5277–5286. <https://doi.org/10.1182/blood-2008-12-195651>
- Thomas, M.C., 2006. The High Prevalence of Anemia in Diabetes Is Linked to Functional Erythropoietin Deficiency. *Semin. Nephrol.* 26, 275–282. <https://doi.org/10.1016/j.semnephrol.2006.05.003>
- Trimawartinah, 2021. *Buku Ajar Dasar Kependudukan*. Uhamka Press, Jakarta Selatan.
- Turner, J., Parsi, M., Badireddy, M., 2023. Anemia, in: *StatPearls*. StatPearls Publishing, Treasure Island (FL).

- Tussing-Humphreys, L., Braunschweig, C., 2011. Anemia in Postmenopausal Women: Dietary Inadequacy or Nondietary Factors? *J. Am. Diet. Assoc.* 111, 528–531. <https://doi.org/10.1016/j.jada.2011.01.006>
- Universitas Gadjah Mada, 2023. Statistik – Direktorat Sumber Daya Manusia. URL <http://sdm.ugm.ac.id/statistik/> (accessed 6.6.23).
- Vivek, A., Kaushik, R.M., Kaushik, R., 2023. Tobacco smoking-related risk for iron deficiency anemia: A case-control study. *J. Addict. Dis.* 41, 128–136. <https://doi.org/10.1080/10550887.2022.2080627>
- Weiss, G., Goodnough, L.T., 2005. Anemia of Chronic Disease. *N. Engl. J. Med.* 352, 1011–1023. <https://doi.org/10.1056/NEJMra041809>
- World Health Organization, 2023a. Hypertension [WWW Document]. URL <https://www.who.int/news-room/fact-sheets/detail/hypertension> (accessed 6.6.23).
- World Health Organization, 2023b. Non communicable diseases [WWW Document]. URL <https://www.who.int/news-room/fact-sheets/detail/noncommunicable-diseases> (accessed 8.19.24).
- World Health Organization, 2022. Menopause [WWW Document]. URL <https://www.who.int/news-room/fact-sheets/detail/menopause> (accessed 8.10.24).
- World Health Organization, 2011. Haemoglobin concentrations for the diagnosis of anaemia and assessment of severity [WWW Document]. URL <https://www.who.int/publications-detail-redirect/WHO-NMH-NHD-MNM-11.1> (accessed 6.6.23).
- Yoon, H., Lee, J.H., Kim, G.S., Kim, Y.J., Hwang, E.Y., Park, C.E., Park, J., 2018. The relationship between anemia and pulse pressure and hypertension: The Korea National Health and Nutrition Examination Survey 2010–2012. *Clin. Exp. Hypertens.* 40, 650–655. <https://doi.org/10.1080/10641963.2017.1416123>
- Zamani, M., Poustchi, H., Shayanrad, A., Pourfarzi, F., Farjam, M., Noemani, K., Ghaderi, E., Mohammadkarimi, V., Kahnooji, M., Mansour-Ghanaei, F., Rastegar, A., Mousavizadeh, A., Rafati, S., Johari, M.G., Moosazadeh, M., Salehifardjouneghani, A., Ostadrahimi, A., Mohebbi, I., Khorram, A., Ardakani, F.E., Sharafkhah, M., Pasdar, Y., Sadeghi, A., Malekzadeh, R., 2022. Prevalence and determinants of anemia among Iranian population aged ≥ 35 years: A PERSIAN cohort-based cross-sectional study. *PLOS ONE* 17, e0263795. <https://doi.org/10.1371/journal.pone.0263795>