

## DAFTAR PUSTAKA

- Abbaspour, N., Hurrell, R., & Kelishadi, R. (2014). Review on iron and its importance for human health. In *Journal of Research in Medical Sciences*.
- Achadi, & Endang L. (2020). *Kebutuhan Fe dan Ca*. Departemen Gizi FKM UI.
- Adriyani, M., & Wijatmadi, B. (2012). *Pengantar Gizi Masyarakat*. Kencana Prenada Media Group.
- Afrianti, D., Garna, H., & Idjradinata, P. (2012). Perbandingan Status Besi pada Remaja Perempuan Obes dengan Gizi Normal. *Sari Pediatri*, 14(2), 97–103.
- Al-Attar, Z., Jassim, S., & Hashim, I. (2020). Prevalence of Anemia Types Among Overweight and Obese Patients Attending The Obesity Research and Therapy Unit at AL-Kindy College of Medicine. *International Medical Journal* 1994, 24, 435.
- Almatsier, S. (2010). *Prinsip Dasar Ilmu Gizi*. Gramedia Pustaka Utama.
- Alshwaiyat, N., Ahmad, A., Wan Hassan, W. M. R., & Al-jamal, H. (2021). Association between obesity and iron deficiency (Review). *Experimental and Therapeutic Medicine*, 22(5). <https://doi.org/10.3892/etm.2021.10703>
- Ani, L. S. (2013). *Anemia Defisiensi Besi Masa Prahamil dan Hamil*. EGC.
- Arisman. (2010). *Buku Ajar Ilmu Gizi Gizi dalam Daur Kehidupan* (2nd ed.). EGC.
- Ariyanti, M. E. (2018). Studi Penggunaan Asam Folat Pada Pasien Gagal Ginjal Kronik. *Universitas Muhammadiyah Malang*.
- Astutik, R. Y., & Ertiana, D. (2018). *Anemia Dalam Kehamilan*. CV Pustaka Abadi.
- Bah, A., Pasricha, S. R., Jallow, M. W., Sise, E. A., Wegmuller, R., Armitage, A. E., Drakesmith, H., Moore, S. E., & Prentice, A. M. (2017). Serum hepcidin concentrations decline during pregnancy and may identify iron deficiency: Analysis of a longitudinal pregnancy cohort in the Gambia. *Journal of Nutrition*, 147(6), 1131–1137. <https://doi.org/10.3945/jn.116.245373>
- Bauer, K. D., & Liou, D. (2020). *Nutrition Counseling & Education Skill Development*. Cengage.
- Champe PC, Harvey RA, & Ferrier DR. (2010). *Biokimia Ulasan Bergambar* (3rd ed.). EGC.
- Cheng, H. L., Bryant, C. E., Rooney, K. B., Steinbeck, K. S., Griffin, H. J., Petocz, P., & O'Connor, H. T. (2013). Iron, Hepcidin and Inflammatory Status of Young Healthy Overweight and Obese Women in Australia. *PLoS ONE*, 8(7). <https://doi.org/10.1371/journal.pone.0068675>

- Dahlan MS. (2016). *Besar Sampel dalam Penelitian Kedokteran dan Kesehatan Seri 2* (4th ed., Vol. 2). Epidemiologi Indonesia.
- D'Angelo, G. (2013). Role of hepcidin in the pathophysiology and diagnosis of anemia. In *Blood Research* (Vol. 48, Issue 1, pp. 10–15). <https://doi.org/10.5045/br.2013.48.1.10>
- Dieny, F. F., Rahadiyanti, A., & Kurniawati, D. M. (2019). *Gizi Prakonsepsi*. Bumi Medika.
- Dieny, F. F., & Widayastuti, N. (2019). Iron Deficiency in Preconception Women with Obesity. *Media Gizi Mikro Indonesia*, 101–110.
- Dinas Kesehatan Kota Padang. (2019). Profil Kesehatan Tahun 2019. *Dinas Kesehatan Kota Padang*.
- Dinas Kesehatan Kota Padang. (2020). *Profil Kesehatan Tahun 2020*.
- Dinas Kesehatan Sumatera Barat. (2018). Laporan Kinerja Dinas Kesehatan Provinsi Sumatera Barat Tahun 2017. *Dinas Kesehatan Provinsi Sumatera Barat*.
- Doda DVD, Polii H, Marunduh SR, & Sapulete IM. (2020). *Buku Ajar Fisiologi Sistem Hematologi* (I). Deepublish.
- Effendi, Y. H. (2021). *Patofisiologi Gizi : Regulasi Makan Gangguan Homeostasis Energi Peran Zat Gizi Pada Pertumbuhan dan Perkembangan Otak*. IPB Press.
- Fahmi Aliyah. (2021). *Kimia Klinik Dasar (Pemahaman Apa Dan Hal-Hal Yang Berkaitan Dengan Kimia Klinik)*. Media Sains Indonesia.
- Farias, P. M., Marcelino, G., Santana, L. F., de Almeida, E. B., Guimarães, R. de C. A., Pott, A., Hiane, P. A., & Freitas, K. de C. (2020). Minerals in pregnancy and their impact on child growth and development. In *Molecules* (Vol. 25, Issue 23). MDPI AG. <https://doi.org/10.3390/molecules25235630>
- Fasrini, U. U., Audina, W., & Desmawati. (2021). Hubungan Asupan Besi Heme dan Non Heme Kadar Ferritin Pada Calon Pengantin Perempuan Di Kota Padang. *Jurnal Sehat Mandiri*.
- Fitriany, J., Saputri, A. I., Ilmu, S., & Anak, K. (2018). ANEMIA DEFISIENSI BESI. In *Jurnal Averrous* (Vol. 4, Issue 2).
- Fryar, C. D., Carroll, M. D., & Afful, J. (2021). Prevalence of Overweight, Obesity, and Severe Obesity Among Adults Aged 20 and Over : United States, 1960–1962 Through 2017–2018. *NCHS Health E-Stats*.
- Ganz, T., & Nemeth, E. (2012). Hepcidin and iron homeostasis. In *Biochimica et Biophysica Acta - Molecular Cell Research* (Vol. 1823, Issue 9, pp. 1434–1443). <https://doi.org/10.1016/j.bbamcr.2012.01.014>

- Gibson, R. S. (2005). *Principles of Nutritional Assessment*. Oxford University Press.
- Gkouvatsos K, Papanikolaou G, & Pantopoulos K. (2012). Regulation of iron transport and the role of transferrin. *Biochim Biophys Acta*, 1820(3), 188–202.
- Gómez-Zorita, S., Queralt, M., & Vicente, M. A. (2021). Metabolically healthy obesity and metabolically obese normal weight: a review. *J Physiol Biochem*, 77(1), 175–189.
- Hall, J. E. (2016). *Guyton and Hall Textbook of Medical Physiology*. Elsevier.
- Hardiansyah, & Supariasa. (2017). *Ilmu Gizi Teori dan Aplikasi*. EGC.
- Hematology, A. S. of. (2021, November 21). *American Society of Hematology*. ASH.
- Hoffbrand, A., & Steensma, D. (2019). *Hoffbrand's Essential Haematology 8th Edition* (8th ed.). John Wiley & Sons Ltd.
- Hoffbrand AV, & Moss PAH. (2013). *Kapita Selektia Hematologi* (6th ed.). EGC.
- Kementerian Kesehatan. (2020). Profil Kesehatan Indonesia Tahun 2020. *Profil Kesehatan Indonesia*.
- Kementerian Kesehatan. (2021, November 22). *P2PTM Kemenkes RI*.
- Kementerian Pendidikan dan Kebudayaan. (2021). *Statistik Pendidikan Tinggi Tahun 2020*.
- Kementerian PPN, by, Pengarah Ir Subandi Sardjoko, B., Fiona Watson, P., Sri Sukotjo, M., Jee Hyun Rah, M., Ardiani Krisna Maruti, dr, Kesehatan dan Gizi Masyarakat Kedeputian Pembangunan Manusia, D., dan Kebudayaan Kementerian PPN, M., & Jalan Taman Suropati No, B. (2019). *Pembangunan gizi di indonesia*.
- Kevin, M., & Widayastiti, N. (2017). KORELASI KADAR HEPCIDIN SERUM DENGAN INDEKS MASSA TUBUH DAN LINGKAR PINGGANG. *Undip Journal*.
- Kwapissz, J., Slomka, A., & Zekanowska, E. (2009). *HEPCIDIN AND ITS ROLE IN IRON HOMEOSTASIS*.
- Lestari, I. P., Ronitawati, P., & Melani, V. (2020). Perbedaan Densitas Energi Konsumsi dan Densitas Asupan Zat Gizi Berdasarkan Status Gizi Pada Guru di Jakarta Barat. *Darussalam Nutrition Journal*, 4(2), 72–81.
- Lopez, A. C., & Baye, K. (2020). Obesity, iron deficiency and anaemia: a complex relationship. *Public Health Nutrition*, 23(10), 1703–1704.
- Mann, J., & Truswell, A. (2014). *Buku Ajar Ilmu Gizi Edisi 4* (4th ed.). EGC.
- Merryana, A., & Bambang. (2012). *Pengantar Gizi Masyarakat*. Kencana.
- Moini J, Ahangari R, Miller C, & Samsam M. (2020). *Global Health Complications of Obesity* (1st ed.). Elsevier.

- Muhdalin, S. S., Ilmiawati, C., & Hendriati, H. (2021). Hubungan Kadar Kadmium Urine dengan Tekanan Darah pada Pasien Penyakit Jantung Koroner. *Jurnal Ilmu Kesehatan Indonesia*, 2(1), 170–177. <https://doi.org/10.25077/jikesi.v2i1.238>
- Nemeth E, & Ganz T. (2006). Regulation of iron metabolism by hepcidin. *Annu Rev Nutr*, 26, 323–342.
- Nemeth E, Tuttle MS, Powelson J, Vaughn MB, Donovan A, Ward DM, Ganz T, & Kaplan J. (2004). Hepcidin regulates cellular iron efflux by binding to ferroportin and inducing its internalization. *Science*, 306(5704), 2090–2093.
- Nisa, A. K., & Nisa, C. (2019). Perbedaan Asupan Gizi dan Kadar Hemoglobin Pada Remaja Perempuan Obesitas dan Tidak Obesitas. *Journal of Nutrition College*, 8 (1), 21–28.
- Nugroho, P. S. (2020). Jenis Kelamin dan Umur Berisiko Terhadap Obesitas Pada Remaja di Indonesia. *An-Nadaa : Jurnal Kesehatan Masyarakat*, 110–114.
- Nurbadriyah, W. D. (2019). *Anemia Defisiensi Besi*. Deepublish Publisher.
- Panichsillaphakit, E., Suteerojutrakool, O., Pancharoen, C., Nuchprayoon, I., & Chomtho, S. (2021). The Association between Hepcidin and Iron Status in Children and Adolescents with Obesity. *Journal of Nutrition and Metabolism*, 2021. <https://doi.org/10.1155/2021/9944035>
- Pasalina, P. E., Jurnalis, D. E., & Ariadi. (2019). Hubungan Indeks Masa Tubuh dengan Kejadian Anemia Pada Wanita Usia Subur Pra Nikah. *Jurnal Ilmu Keperawatan Dan Kebidanan*, 10, 12–20.
- Ramayulis, R., Herianandita, E., & Afif, I. (2016). *Menu dan Resep Bekal Sehat*. Penebar Plus+.
- Rasyid, I., Bahrun, U., & Kurniawan, L. (2021). Analisis Kadar Hepcidin Pada Obesitas Sentral dan Non Obesitas Sentral. *JSKK (Jurnal Sains Keolahragaan Dan Kesehatan)*, 6(1), 70–81.
- Rodríguez-Mortera, R., Caccavello, R., Hermo, R., Garay-Sevilla, M. E., & Gugliucci, A. (2021). Higher hepcidin levels in adolescents with obesity are associated with metabolic syndrome dyslipidemia and visceral fat. *Antioxidants*, 10(5). <https://doi.org/10.3390/antiox10050751>
- Rosen, S., & Shapouri, S. (n.d.). *Obesity in the Midst of Unyielding Food Insecurity in Developing Countries - Amber Waves September 2008*. <http://www.cdc.gov/NCCdphp/dnpa/obesity/defining.htm>
- Sal, E., Yenicesu, I., Celik, N., Pasaoglu, H., Celik, B., Pasaoglu, O. T., Kaya, Z., Kocak, U., Camurdan, O., Bideci, A., & Cinaz, P. (2018). Relationship between obesity and

iron deficiency anemia: is there a role of hepcidin? *Hematology*, 23(8), 542–548.  
<https://doi.org/10.1080/10245332.2018.1423671>

Sirajuddin, S. (2018). *Bahan Ajar Gizi : Survey Konsumsi Pangan*. Kementerian Kesehatan Republik Indonesia.

Sofiantin, N., Kurniawan, L. B., & Arif, M. (2021). *STRADA Jurnal Ilmiah Kesehatan Analysis of Ferritin Levels, TIBC and Fe Serum In Central Obesity And Non Central Obesity* *STRADA Jurnal Ilmiah Kesehatan*. 10(1), 1265–1271.  
<https://doi.org/10.30994/sjik.v10i1.691>

Storz, J. F. (2018). *Hemoglobin: Insights into protein structure, function, and evolution*. Oxford Academic.

Sudoyo, W. (2009). *Buku Ajar Ilmu Penyakit Dalam: Vol. II* (V). Interna Publishing.

Sumarmi, S., Puspitasari, N., Handajani, R., & Wirmajatmadi, B. (2016). Underweight as a Risk Factor for Iron Depletion and Iron- Deficient Erythropoiesis among Young Women in Rural Areas of East Java, Indonesia. *Malaysian Journal of Nutrition*, 22 (2), 219–223.

Supariasa, I. D., Bakri, B., & Fajar, I. (2016). *Penilaian Status Gizi*. Penerbit Buku Kedokteran EGC.

Susiloningtyas, I. (2021). Pemberian Zat Besi (Fe) dalam Kehamilan. *Majalah Ilmiah Sultan Agung*, 1–12.

Swarjana, I. K. (2016). *Statistik Kesehatan*. Andi Offset.

Tijerina-Sáenz, A., Martínez-Garza, N. E., Ramírez-López, E., Solís-Pérez, E., & Martínez-Báez, A. Z. (2015). Iron status and dietary intakes of iron in normal-weight and obese young Mexican women. *Nutrición Hospitalaria*, 31(5), 2412–2418.

Uti Fasrini, U., Audina, W., Rifa Karmia, H., Ilmu Gizi, B., Kedokteran, F., Andalas, U., Studi Profesi Dokter, P., Kebidanan dan Kandungan, B., Kedokteran Universitas Andalas, F., & Ilmu Kesehatan Masyarakat -Kedokteran Komunitas, B. (2021). HUBUNGAN ASUPAN BESI HEME DAN NON-HEME KADAR FERRITIN PADA CALON PENGANTIN PEREMPUAN DI KOTA PADANG. *Jurnal Sehat Mandiri*, 16. <http://jurnal.poltekkespadang.ac.id/ojs/index.php/jsm>

Valenzuela PL, Maffiuletti NA, Tringali G, de Col A, & Sartorio A. (2020). Obesity-associated poor muscle quality: prevalence and association with age, sex, and body mass index. *BMC Musculoskelet Disord*, 21(1), 200.

Waryana. (2010). *Gizi Reproduksi*. Pustaka Rahima.

- Wijayanti, E., & Retnoningrum, D. (2019). Hubungan petanda inflamasi dan hemoglobin pada obesitas. *Intisari Sains Medis*.
- Wirth JP, W. B.-S. (2017). Predictors of anemia in women of reproductive age: Biomarkers Reflecting Inflammation and Nutritional Determinants of Anemia (BRINDA) project. *American Journal of Clinical Nutrition*, 106(1), 1–12.
- Wisnusanti, S. U., Lestari, L. A., & Helmyati, S. (2022). Iron status and Hepcidin Level of normal and obese adolescents. *Jurnal Gizi Dan Dietetik Indonesia (Indonesian Journal of Nutrition and Dietetics)*, 9(2), 85–93.
- World Health Organization. (2016). World health statistics 2016: monitoring health for the SDGs, sustainable development goals. *World Health Organization*.

