

DAFTAR PUSTAKA

- Abdulsyani. (2012). *Sosiologi Skematik, Teori dan Terapan*. Jakarta: Bumi Aksar.
- Afrozul, H. Chareles, S. (2015). Vitamin D Deficiency, Metabolism and Routine Measurement of its Metabolites [25(OH)D₂ and 25(OH)D₃]. *Journal Chromatography Separation Techniques*. Vol. 6, no. 4. doi:10.4172/2157-7064.1000276. p. 275.
- Aji, AS. Desmawati, D. Yerizel, E. Lipoeto, NI. (2018). The association between lifestyle and maternal vitamin D levels during pregnancy in West Sumatra, Indonesia. *Asia Pacific Journal of Clinical Nutrition*. Vol. 27. doi: 10.6133/apjcn.201811_27(6).0016. pp. 1286–1293.
- Aji, AS. Erwinda, E. Yusrawati, Y. Malik, SG. Lipoeto, NI. (2019). Vitamin D deficiency status and its related risk factors during early pregnancy: a crosssectional study of pregnant Minangkabau women, Indonesia. *BMC Pregnancy and Childbirth*. Vol. 19. doi: 10.1186/s12884-019-2341-4.
- Al-shoumer, KAS. Al-essa, TM. (2015). Is there a relationship between vitamin D with insulin resistance and diabetes mellitus?. *World Journal of Diabetes*. Vol. 6, no. 8, pp. 1057–64. [PubMed: 26240702]
- Ameri, P. Giusti, A. Boschetti, M. Bovio, M. Teti, C. Leoncini, G. et al. (2013). Vitamin D increases circulating IGF1 in adults: potential implication for the treatment of GH deficiency. *European Journal of Endocrinology*. Vol. 169. doi: 10.1530/EJE-13-0510. pp. 767–772.
- Baggerly, CA. Cuomo, RE. French, CB. Garland, CF. Gorham, ED. Grant, WB. et al. (2015). Sunlight and Vitamin D: Necessary for Public Health. *Journal of the American College of Nutrition*. Vol. 34. doi: 10.1080/07315724.2015.1039866. pp. 359–365.
- Baran, P. Hansen, S. Waetzig, G.H. Akbarzadeh, M. Lamertz, L. Huber, H.J. et al. (2018). The balance of interleukin (IL)- 6, IL-6·soluble IL-6 receptor (sIL-6R), and IL-6·sIL-6R·sgp130 complexes allows simultaneous classic and trans-signaling. *Journal of Biological Chemistry*. Vol. 293, no.18. doi: 10.1074/jbc.RA117.001163. pp. 6762-6775.

Bardosono, S. (2016). Maternal Micronutrient Deficiency during the First Trimester among Indonesian Pregnant Women Living in Jakarta. *ejournal Kedokteran Indonesia*. Vol. 4, no. 2. doi: 10.23886/ejki.4.6281.76-81. pp. 76-81.

Bencaiova, G. Burkhardt, T. Breymann, C. (2012). Anemia Prevalence and Risk Factors in Pregnancy. doi : 10.1016j.ejim.2012.04.008.

Bikle, DD. (2014). Vitamin D Metabolism, Mechanism of Action, and Clinical Applications. *Journal of Biological Chemistry*. Vol. 21. doi: 10.1016/j.chembiol.2013.12.016. pp. 319–329.

Bukhary, NBI. Isa, ZM. Shamsuddin, K. Lin, KG. Mahdy, ZA. Hassan, H. et al. (2016). Risk factors for antenatal hypovitaminosis D in an urban district in Malaysia. *BMC Pregnancy Childbirth*. Vol. 16. doi: 10.1186/s12884- 016-0939-3. p.156.

Carol, W. Sarah, NT. Adekunle, D. (2012). Vitamin D and Its Role During Pregnancy in Attaining an Optimal Health of Mother and Fetus. *Nutrients*. Vol. 4. pp. 208–230.

Cashman, KD. Dowling, KG. Skrabáková, S. Gonzalez-Gross, M. Valtueña, J. De Henauw, S. et al. (2016). Vitamin D deficiency in Europe: pandemic?. *The American Journal of Clinical Nutrition*. Vol. 103, no. 4. doi.org/10.3945/ajcn.115.120873. pp. 1033–1044.

Chan, SY. Susarla, R. Canovas, D. Vasilopoulou, E. Ohizua, O. McCabe CJ. et al. (2015). Vitamin D promotes human extravillous trophoblast invasion in vitro. *Placenta*. Vol. 3. doi: 10.1016/j.placenta.2014.12.021. pp. 403–409.

Cherry, AS. McCaffree, MA. Gillaspy, SR. (2014). Postpartum depression on the neonatal intensive care unit: current perspectives. *International Journal of Women's Health*. Vol. 6. pp. 975–87. [PubMed: 25473317]

Christakos, S. Ajibade, DV. Dhawan, P. Fechner, AJ. Mady, LJ. (2010). Vitamin D: metabolism. *Endocrinology and Metabolism Clinics of North America*. Vol. 39. doi: 10.1016/j.ecl.2010.02.002. pp. 243–253.

Damaratasia, W. (2012). Peran Vitamin D Dalam Regulasi Sistem Imunitas Melalui Sel Dendritik. *Jurnal Ilmiah Kesehatan Media Husada*. Vol. 1, no.1. hh. 55-63.

Dickie, LJ. Church, LD. Coulthard, LR. Mathews, RJ. Emery, P. McDermott, MF. (2010). Vitamin D₃ down-regulates intracellular Toll-like receptor 9 expression and Toll-like receptor 9-induced IL-6 production in human monocytes. *Rheumatol*. Vol. 49, no. 8. pp. 1466-1471.

Durazo-Arvizu, RA. Camacho, P. Bovet, P. Forrester, T. Lambert, EV. PlangeRhule, J. et al. (2014). 25-Hydroxyvitamin D in African-origin populations at varying latitudes challenges the construct of a physiologic norm¹²³. *The American Journal of Clinical Nutrition*. Vol. 100. doi: 10.3945/ajcn.113.066605. pp. 908–914.

Francis, EC. Hinkle, SN. Song, Y. Rawal, S. Donnelly, SR. Zhu, Y. et al. (2018). Longitudinal Maternal Vitamin D Status during Pregnancy Is Associated with Neonatal Anthropometric Measures. *Nutrients*. Vol. 10, no. 11. pp. 1631.

Gernand, AD. Simhan, HN. Bodnar, LM. Caritis, S. (2014). Maternal Vitamin D Status and Small-for-Gestational-Age Offspring in Women at High Risk for Preeclampsia. *Obstetrics and Gynecology*. Vol. 123, no. 1. pp. 40–8.

Gibney, MJ. Lanham-New, SA. Cassidy, A. Vorster, HH (eds). (2008). *Introduction to Human Nutrition (2nd edn)*. Germany : Wiley.

Ginde, AA. Sullivan, AF. Mansbach, JM., Camargo, CA. (2010). Vitamin D insufficiency in pregnant and nonpregnant women of childbearing age in the United States. *The American Journal of Obstetrics and Gynecology*. Vol. 202. doi: 10.1016/j.ajog.2009.11.036. pp. 436.e1–8.

Gubernatorova, EO. Gorshkova, EA. Polinova, AI. Drutskaya, MS. (2020). IL-6: Relevance for immunopathology of SARS-CoV-2. *Cytokine Growth Factor Reviews*. Vol. 53. doi: 10.1016/j.cytogfr.2020.05.009. pp. 13-24.

Hajiahmadi, M. Shafi, H. Delavar, MA. (2015). Impact of Parity on Obesity: A CrossSectional Study in Iranian Women. *Medical Principles and Practice*. Vol. 24. doi: 10.1159/000368358. pp. 70–74.

Hall, LM. Kimlin, MG. Aronov, PA. Hammock, BD. Slusser, JR. Woodhouse, LR. (2010). Vitamin D intake needed to maintain target serum 25-hydroxyvitamin D concentrations in participants with low sun exposure and dark skin pigmentation is substantially higher than current recommendations. *Journal of Nutrition.* Vol. 140. doi: 10.3945/jn.109.115253. pp. 542–550.

Hewison, M. (2011). Vitamin D and innate and adaptive immunity. *Vitamins and Hormones.* Vol. 86. doi: 10.1016/b978-0-12-386960-9.00002-2. pp. 23–62.

Holick, MF. (2007). Vitamin D Deficiency. *New England Journal of Medicine.* Vol. 357. doi: 10.1056/NEJMra070553. pp. 266–281.

Hollis, Jhonson, Hulsey, Ebeling, Wagner. (2011). Vitamin D Supplement During Pregnancy: Double-Blind, Randomized Clinical Trial of Safety and Effectiveness. *US National Library of Medicine National Institutes of Health.*

Horan, MK. Ciara, AM. Eileen, RG. Jean, MD, Fionnuala, MM. (2015). The Association Between Maternal Dietary Micronutrient Intake and Neonatal Anthropometry – Secondary Analysis From the ROLO Study. *Nutrition Journal.* Vol. 14, no. 105. pp.1-11. doi : 10.1186/s12937-015-0095-z.

Hosseini-nezhad, A. Spira, A. Holick, MF. (2013). Influence of vitamin D status and vitamin D₃ supplementation on genome wide expression of white blood cells: a randomized double-blind clinical trial. *Public Library of Science One.* Vol. 8, no. 3. p. e58725.

Ilmiawati, C. Athica, O. Andi, F. Mohamad, R. (2020). Sunlight exposed body surface area is associated with serum 25-hydroxyvitamin D (25(OH)D) level in pregnant Minangkabau women, Indonesia. *BMC Nutrition.* Vol. 6, no.18. pp. 1-7. doi : 10.1186/s40795-020-00342-x.

Judistiani, RTD. Madjid, TH. Irianti, S. Natalia, YA. Indrati, AR. Ghozali, M. (2019). Association of first trimester maternal vitamin D, ferritin and hemoglobin level with third trimester fetal biometry: result from cohort study on vitamin D status and its impact during pregnancy and childhood in Indonesia. *BMC Pregnancy and Childbirth.* Vol. 19. doi: 10.1186/s12884-019-2263-1.

Kementerian Kesehatan. (2016). *Pedoman Pelaksanaan Stimulasi, Deteksi dan Intervensi Dini Tumbuh Kembang Anak*. Jakarta : Kementerian Kesehatan RI.

Kementerian Kesehatan. (2013). *Pedoman Perencanaan Program Gerakan Nasional Percepatan Perbaikan Gizi Dalam Rangka Seribu Hari Pertama Kehidupan (Gerakan 1000 HPK)*. Jakarta : Kementerian Kesehatan RI.

Kementeri Kesehatan. (2019). *Angka Kecukupan Gizi yang Dianjurkan untuk Masyarakat Indonesia*. Jakarta : Kementerian Kesehatan RI.

Khaleessi, N. Majid, K. Mehdi, A. Zahra, F. (2015). The Relationship Between Maternal Vitamin D Deficiency and Low Birth Weight Neonates. *Journal of Family and Reproductive Health*.

Larqué, E. Morales, E. Leis, R. Blanco-Carnero, JE. (2018). Maternal and foetal health implications of vitamin D status during pregnancy. *Annals of Nutrition and Metabolism*. Vol. 72, no. 3. pp. 179-92.

Laviola, L. Natalicchio, A. Perrini, S. Giorgino, F. (2008). Abnormalities of IGF-I signaling in the pathogenesis of diseases of the bone, brain, and fetoplacental unit in humans. *The America Journal of Physiology-Endocrinology and Metabolism*. Vol. 295. doi: 10.1152/ajpendo.90452.2008. pp. E991-999.

Lipoeto, NI. Agus, Z. Oenzil, F. Wahlqvist, ML. Wattanapenpaiboon, N. (2004). Dietary intake and the risk of coronary heart disease among the coconut-consuming Minangkabau in West Sumatera, Indonesia. *Asia Pasific Journal of Clinical Nutrition*. Vol. 13, no. 4. pp. 377-384.

Lipoeto, NI. Aji, AS. Ayudia, F. Faradila, F. Sukma, NP. (2018). Maternal vitamin D intake and serum 25-hydroxyvitamin D (25(OH)D) levels associated with blood pressure: A cross-sectional study in Padang, West Sumatra. *Malaysian Journal of Nutrition*. Vol. 24, no.3. pp. 407-415.

Lisnawati, Y. Marianna, Y. Rohsiswatmo, R. (2021). Increased Levels of Umbilical Cord Blood Interleukin-6 (IL-6) and Serum C-Reactive Protein (CRP) in Premature Infants of Vitamin D Deficient Mothers. *Indonesian Journal Obstetrics and Gynecology*. Vol. 9, no. 1. pp. 21-25.

Liu, NQ. Hewison, M. (2012). Vitamin D, the placenta and pregnancy, The Many Faces of Vitamin D. *Archives of Biochemistry and Biophysics*. Vol. 523. doi: 10.1016/j.abb.2011.11.018. pp. 37–47.

Maghbooli, Z. Arash, H. Ali, RS. Farzaneh, K. Farzaneh, SM. Bagher, L. (2007). Vitamin D status in mothers and their newborns in Iran. *BMC Pregnancy and Childbirth*. Vol. 7, no.1. pp. 1-6. doi:10.1186/1471-2393-7-1.

Mahyar, A. Ayazi, P. Rad, MS. Dalirani, R. Javadi, A. Esmaeily, S. (2019). The Correlation Between Vitamin D and Bacterial Diarrhea in Children. *Archives Pediatrie Infectious Diseases*. Vol. 7, no. 2. doi: 10.5812/pedinfect.84382. pp. 1-5.

Marmi. (2013). *Gizi Dalam Kesehatan Reproduksi*. Yogyakarta : Pustaka Pelajar.

Maternity Executive Committee. (2009). Vitamin D in pregnancy and the term newborn guideline. *Clinical Protocol Guidelinel South Health*.

Mazidi, M. Rezaie, P. Vatanparast, H. (2018). Impact of vitamin D supplementation on C-reactive protein; a systematic review and meta-analysis of randomized controlled trials. *BMC Nutrition*. Vol. 4, no. 1. p.1.

Mawardi, S. Ratna, AG. Sarma, NL. (2019). Levels Of Interleukin-6 And Tumor Necrosis Factor Alpha In Pregnant Patients With Preeclampsia And Patients With Normal Pregnancy. *Indonesian Journal Of Clinical Pathology And Medical Laboratory*. Vol 25, no.2. pp. 199.

Metgud, CS. Naik, VA. Mallapur, MD. (2012). Factors Affecting Birth Weight of a Newborn – A Community Based Study in Rural Karnataka, India. *Public Library of Science One*. Vol. 7. doi: 10.1371/journal.pone.0040040.

Mohamed, HJJ. Rowan, A. Fong, B. Loy, SL. (2014). Maternal Serum and Breast Milk Vitamin D Levels: Findings from the Universiti Sains Malaysia Pregnancy Cohort Study. *Public Library of Science One*. Vol. 9. doi: 10.1371/journal.pone.0100705. p. e100705.

Mohan, M. Cherian, JJ. Sharma, A. (2020). Exploring links between vitamin D deficiency and COVID-19. *Public Library of Science Pathology*. Vol. 16, no. 9. doi: 10.1371/journal.ppat.1008874. p. e1008874.

Morgan, C. Dodds, L. Langille, DB. Weile, HA. (2016). Cord blood vitamin D status and neonatal outcomes in a birth cohort in Quebec, Canada. *Archives of Gynecology and Obstetrics*. Vol. 293, no. 4. pp. 731–8.

Muszkat, P. Camargo, MBR. Griz, LHM. Lazaretti-Castro, M. (2010). Evidencebased non-skeletal actions of vitamin D. *Arq. Bras. Endocrinology and Metabolism*. Vol. 54. pp. 110– 117.

Naugler, C. Zhang, J. Henne, D. Woods, P. Hemmelgarn, BR. (2013). Association of vitamin D status with socio-demographic factors in Calgary, Alberta: an ecological study using Census Canada data. *BMC Public Health*. Vol. 13. doi: 10.1186/1471-2458-13-316. p. 316.

Notoatmodjo, Soekidjo. (2016). *Metodologi Penelitian Kesehatan Edisi Revisi Cetakan Pertama*. Jakarta : Rineka Cipta.

Noyola-Martínez, N. Díaz, L. Avila, E. Halhali, A. Larrea, F. Barrera, D. (2013). Calcitriol downregulates TNF- α and IL-6 expression in cultured placental cells from preeclamptic women. *Cytokine*. Vol. 6. doi:10.1016/j.cyto.2012.10.001. pp. 245–250.

Nurmasari, V. Sumarmi, S. (2019). Hubungan keteraturan kunjungan antenatal care dan kepatuhan konsumsi tablet Fe dengan kejadian anemia pada ibu hamil trimester III di Kecamatan Maron Probolinggo. *Amerta Nurition*.

Onis, MD. Ismail, L. Chumlea, C. Onyang, A. Bhutta, Z. Luna, M. (2012). *International Fetal and Newborn Growth Standards for the 21st Century: Anthropometry Handbook*. University of Oxford.

Orrú, BJ. Szekeres-Bartho, M. Bizzarri, AM. Spiga, V. Unfer (2020). Inhibitory effects of Vitamin D on inflammation and IL-6 release. A further support for COVID-19 management?. *European Review for Medical and Pharmacological Sciences*. Vol. 24. pp. 8187-8193.

Pereira-da-Silva, L. (2012). *Neonatal Anthropometry: A Tool to Evaluate the Nutritional Status and Predict Early and Late Risks*, in: *Handbook of Anthropometry*. New York : Springer. doi.org/10.1007/978-1-4419- 1788-1_65. pp. 1079–1104.

Pratiwi, HNS. Zen, R. Ronny, A. (2017). Hubungan Asupan Zat Gizi dengan Berat Lahir Bayi (Studi pada Ibu Hamil Anemia di Puskesmas Bulu, Tamanggung, Jawa Tengah Tahun 2017). *Jurnal Kesehatan Masyarakat*. Vol. 5, no.3. pp.148-156.

Prins, JR. Gomez-Lopez, N. Robertson, SA. (2012). Interleukin-6 in pregnancy and gestational disorders. *Journal of Reproductive Immunology*. Vol. 95. pp. 1–14

Purwani, JM., Gala, P. Dwarkanath, P. Larkin, HM. Kurpad, A. Mehta, S. (2017). The role of vitamin D in pre-eclampsia: a systematic review. *BMC Pregnancy Childbirth*. Vol. 17. doi: 10.1186/s12884-017-1408-3.

Raghupathy, R. (2013). Cytokines as Key Players in the Pathophysiology of Preeclampsia. *Medical Principles and Practice*. Vol. 22(suppl 1). doi: 10.1159/000354200. pp. 8- 19.

Rezavand *et al.* (2016). Serum Vitamin D and Interleukin-6 Levels in Patients with Preeclampsia and Healthy Pregnant Women. *Medical Laboratory Journal*. Vol. 10, no. 4. Pp. 12-17.

Rukiyah. (2010). *Asuhan Neonatus Bayi dan Anak Balita*. Jakarta: Trans Info Medika

Sabour, H. Arash, H. Jhila, M. Bagher, L. (2007). Effect of Calcium and Vitamin D Intake on Maternal and Neonatal Anthropometric Parameters. *Scientific Journal of Kurdistan University of Medical Sciences*. Vol 12, no. 1. pp. 26-31.

Sari, MAP. Nurul, I. (2022). Suplementasi Vitamin D Pada Ibu Hamil. *Jurnal Medika Hutama*. Vol. 3, no. 3. pp. 2608-2620.

Sastroasmoro, S. Ismael. (2016). *Dasar-Dasar Metodelogi Penelitian Klinis*. Jakarta: CV Sagung Seto.

Sathish, P. Sajeetakumari, R. Doraisami, B. Ramasamy, P. Muthulakshmi. (2016). Correlation between maternal and neonatal blood vitamin D levels and its effect on the newborn anthropometry. *International Journal of*

Reproduction, Contraception, Obstetrics and Gynecology. Vol. 5 no. 9. pp. 983-2988. doi: 10.18203/2320-1770.ijrcog20162821.

Scholaske, L. Buss, C. P. Wadhwa, D. Entringer, S. (2018). Acculturation and interleukin (IL)-6 concentrations across pregnancy among Mexican-American women. *Brain, Behavior, and Immunity.* Vol. 73. pp. 731–735.

Scholl, TO. Chen, X. (2009). Vitamin D intake during pregnancy: Association with maternal characteristics and infant birth weight. *Early Human Development.* Vol. 85, no. 4. pp. 231-234. doi.org/10.1016/j.earlhumdev.2008.10.006.



Simavli, S. Derbent, AU. Uysal, S. Turhan, NO. (2014). Hepcidin, iron status, and inflammation variables among healthy pregnant women in the Turkish population. *The Journal of Maternal-Fetal & Neonatal Medicine.* Vol. 27. pp. 75–79.

Spiro, A. Buttris, JL. (2014). Vitamin D: An overview of vitamin D status and intake in Europe. *Nutrition Bulletin.* pp. 322–350. doi : 10.1111/nbu.12108.

Subha, M. Pratiwi, P. Habeebullah. Adithan. Sridhar. (2016). Decreased baroreflex sensitivity is linked to sympathovagal imbalance, low-grade inflammation, and oxidative stress in pregnancy-induced hypertension. Vol. 38, no.8. pp. 666-672. doi : 10.1080/10641963.2016.1200596.

Sugiyono. (2017). *Statistika Untuk Penelitian.* Bandung : Alfabeta.

Tanaka, T. Narazaki, M. Kishimoto, T. (2014). IL-6 in inflammation, immunity, and disease. *Cold Spring Harbor Perspectives in Biology.* Vol. 6, no. 10. doi: 10.1101/cshperspect.a016295

Vigano, P *et al.* (2006b). Cycling and early pregnant endometrium as a site of regulated expression of the vitamin D system. *Journal of Molecular Endocrinology.* Vol. 36. pp. 415– 424.

Xu, L. Minjae, L. Arun, J. James, MR. (2014). The Relationship of Hypovitaminosis D and IL-6 in Preeclampsia. *The American Journal of Obstetrics and Gynecology.* Vol. 210, no.2. pp. 149.e1–149.e7. doi:10.1016/j.ajog.2013.09.037.

Yang, A. Li, H. Tao, W. Yang, X. Wang, M. Yang, W. et al. (2020). Infection with SARS-CoV-2 causes abnormal laboratory results of multiple organs in patients. *Aging (Albany NY)*. Vol. 12. doi: 10.18632/aging.103255. pp. 10059-10069.

Yates, N. Crew, RC. Caitlin, W. (2017). Vitamin D deficiency and impaired placental function: potential regulation by glucocorticoids?. *Reproduction*. Vol. 153. doi: 10.1530/REP-16-0647. pp. R163-171.

Young, BC. Levine, RL. Karumanchi, SA. (2010). Pathogenesis of Preeclampsia. *Annual Review of Pathology: Mechanisms of Disease* . Vol. 5. pp. 173-92.

Zhang, R. Naughton, DP. (2010). Vitamin D in health and disease: Current perspectives. *Journal Nutritions*. Vol. 9. doi: 10.1186/1475-2891-9-65. p. 65.

