

DAFTAR PUSTAKA

- Adams Waldorf, KM. and McAdams, RM. (2013). Influence of Infection During Pregnancy on Fetal Development. *Reproduction*. Vol. 146. pp. R151–R162. doi:10.1530/rep-13-0232.
- Afify, MF. Mohamed, GB. El-Maboud, MA. Alrayhany, MA. (2005). Brain-Derived Neurotrophic Factor (BDNF), and Neurotrophin 3 (NT3) Levels in Newborn Cord Sera. *Alexandria Journal of Pediatrics*. Vol. 19.
- Alan, HD. Nathan, L. Murphy, GT, Laufer, N. Decherney, AH. Goodwin, TM. (2009). *Current Diagnosis & Treatment Obstetrics and Gynecology (10th Edition)*. McGraw-Hill Company.
- Alberry, M. Soothill, P. (2007). Management of Fetal Growth Retriktion. *Arch. Dis. Child Fetal Neonatal*. Vol. 92. pp. F62-F67. Doi:10.1136/adc.2005.082297.
- Almatsier, S. (2004). *Prinsip Dasar Ilmu Gizi*. Jakarta. PT. SUN.
- Arisman, MB. (2010). *Gizi dalam Daur Kehidupan*. Jakarta. EGC.
- Autry, AE. Monteggia, LM. (2012). Brain-Derived Neurotrophic Factor and Neuropsychiatric Disorders. *The American Society for Pharmacology and Experimental Therapeutics*. Vol. 64. pp. 238–258. <http://dx.doi.org/10.1124/pr.111.005108>.
- Baba, S. Wikstrom, AK. Stephansson, O. Cnattingius, S. (2013). Changes In Snuff and Smoking Habits In Swedish Pregnant Women and Risk for Small for Gestational Age Births. *BJOG*. Vol. 120. pp. 456–462. doi: 10.1111/1471-0528.12067.
- Bardsall. K, Didarholm. BMS, Dunger. DB. (2008). Insulin and Carbohydrate Metabolism. *Best Practice & Research Clinical Endocrinology & Metabolism*. Vol. 22, pp. 41–55. doi:10.1016/j.beem.2007.10.001.
- Bathina, S. & Das, UN. (2015). Brain-Derived Neurotrophic Factor and Its Clinical Implications. *Arch Med Sci*. Vol. 11, 6. pp. 1164–1178. DOI: 10.5114/aoms.2015.56342.
- Binder, DK. Scharfman, HE. (2008). Brain-derived Neurotrophic Factor. *National Institutes of Health Public Access*. Vol. 22, 3. pp. 123-131.
- Blackburn, ST. 2013). *Maternal, Fetal, & Neonatal Physiology : A Clinical Perspective*. Elsevier.

- Campbell, NA. Reece, JB. (2010). *Biologi* (Edisi 8). Jakarta : Erlangga.
- Center for Disease Control and Prevention. (2010). *Health Behaviour on Adults, Vital and Health Statistics*. United States : US Centers for Disease Control and Prevention
- Champe, PC. Harvey. RA. Ferrier, DR. (2010). *Biokimia Ulasan Bergambar (Edisi 3)*. Jakarta : EGC.
- Charney, DS. Buxbaum, JD. Sklar, P; & Nestler, EJ. (2013). *Neurobiology of Suicide*. CRC Press/Taylor & Francis.
- Christian, LM. Mitchell, AM. Gillespie, SL. Palettas, M. (2016). Serum Brain-Derived Neurotrophic Factor (BDNF) Across Pregnancy and Postpartum: Associations With Race, Depressive Symptoms, and Low Birth Weight. *Psychoneuroendocrinology*. Vol. 74. pp. 69-76. <http://dx.doi.org/10.1016/j.psyneuen.2016.08.025>.
- Cunningham, FG. Lenovo KJ. Bloom, SL. Caterine, S. Dashe, JS. Hoffman, BL. Casey, BM. Sheffield, JS. (2014). *William Obstetrics (24th Edition)*. The McGraw-Hill Companies Inc.
- Cunningham, FG. Leveno, KJ. Bloom, SL. Hauth, JC. Rouse, DJ. Spong, CY. (2013). *Obstetri Williams (Edisi. 23, Volume 1)*. Jakarta. EGC.
- Cunningham, FG. Leveno, KJ. Bloom, SL. Hauth, JC. Rouse, DJ. Spong, CY. (2013). *Obstetri Williams (Edisi. 23, Volume 2)*. Jakarta. EGC.
- Dahlan, MS. (2013). *Besar Sampel dan Cara Pengambilan Sampel dalam Penelitian Kedokteran dan Kesehatan (Edisi.3)*. Selemba Medika.
- Dahlan, MS. (2013). *Statistik Untuk Kedokteran dan Kesehatan. Jakarta (Edisi.5)*. Selemba Medika.
- Depkes RI, (2010). *Pelayanan Kesehatan Neonatal Esensial*. Depkes RI.
- Derricott, H, Jones, RL, Heazell, AE. (2013). Investigating The Association Of Villitis Of Unknown Etiology With Stillbirth And Fetal Growth Restriction A Systematic Review. *Placenta*. Vol. 34. pp. 856–862. doi: 10.1016/j.placenta.2013.07.003.
- Dinas Kesehatan Provinsi Sumatra Barat. (2016). *Profil Kesehatan Sumatra Barat*. Padang. Dinas Kesehatan Provinsi Sumatra Barat.
- Feldt-Rasmussen. U, and Mathiesen. E. (2011). Endocrine disorders in pregnancy: Physiological and Hormonal Aspects Of Pregnancy. *Best Practice &*

Research Clinical Endocrinology & Metabolism. Vol. 25. pp. 875-884.
doi:10.1016/j.beem.2011.07.004.

Gaccioli, F. & Lager, S. (2016). Placental Nutrient Transport and Intrauterine Growth Restriction. *Frontier Physiology*. Vol. 7. pp. 40.
doi:10.3389/fphys.2016.00040.

Gant, NF. & Chunningham, FG. (2010). *Dasar-Dasar Ginekologi & Obstetri*. Jakarta : EGC.

Gatford, KL. Simmons, RA. (2013). Prenatal Programming of Insulin Secretion in Intrauterine Growth Restriction. *National Institutes of Health Public Access*. Vol. 56, 3. pp. 520-528. doi:10.1097/GRF.0b013e31829e5b29.

Gerozissis, K. (2004). Brain insulin and feeding: a bi-directional communication. *European Journal of Pharmacology*. Vol. 490. pp. 59-70.
doi:10.1016/j.ejphar.2004.02.044.

Gerozissis, K. (2008). Brain insulin, energy and glucose homeostasis; genes, environment and metabolic pathologies. *European Journal of Pharmacology*. Vol. 585. pp. 38-49. doi:10.1016/j.ejphar.2008.01.050.

Gibney, MJ. Margrfts, BM. Kearney, JM. Arab, L. (2009). *Gizi Kesehatan Masyarakat*. Jakarta. EGC.

Greenstein, B. & Wood, DF. (2010). *At a Glance Sistem Endokrin (Edisi 2)*. Jakarta : Erlangga.

Gultom, ESM. Joewono, HT. Maramis, MM. (2008). Perbandingan Kadar *Brain Derived Neurotrophic Factor* (BDNF) Serum Tali Pusat Bayi Baru Lahir antara Ibu Hamil yang Mendapat dengan Tidak Mendapat *Decosaheaxaenoic Acid* (AHA). *Departemen SMF Obstetri dan Ginekologi*. RSU. Dr. Sutomo.

Henderson, J. Gray, R. Brocklehurst, P. (2007). Systematic Review of Effects of low-moderate Prenatal alcohol exposure on Pregnancy Outcome. *BJOG*. Vol. 114. pp. 243-252. doi: 10.1111/j.1471-0528.2006.01163.

Hiden. U, Glitzner. E, Hertmann. M, Desoye.G. (2009). Insulin and The IGF System In The Human Placenta Of Normal And Diabetic Pregnancies. *Jurnal of Anatomy*. Vol. 215. pp. 60-68. doi. 10.1111/j.1469-7580.2008.01035.

Johnson, TS. Engstrom, JL. (2002). State of Sciene in Measurement of Infant Size at Birth, Newborn, and Infant Nursing. *Reviews*.

- Jones. RW, dan Ozanne. SE. (2009). Fetal Programming Of Glucose–Insulin Metabolism. *Molecular and Cellular Endocrinology*. Vol. 297. doi:10.1016/j.mce.2008.06.020.
- Joshi, SR. & Parikh, RM. (2007). Insulin-History, Biochemistry, Physiology and Pharmacology. *Supplement of Japi*. Vol. 55
- Kawamura, K. Kawamura, N. Fakuda, J. Kumagai, J. Hsueh. AJW. Tanaka, T. (2007). Regulation of Preimplantation Embryo Development by Brain-Derived Neurotrophic Factor. *Developmental Biology*. Vol. 311. pp. 147-158. doi:10.1016/j.ydbio.2007.08.026.
- Kawamura, K. Kawamura, N. Mulder, SM. Gelpke, MDS. Hsueh, AJW. (2005). Ovarian brain-derived neurotrophic factor (BDNF) promotes the development of oocytes into preimplantation embryos. *The National Academy of Sciences of the USA*. Vol. 102, 26. pp. 9206-9211. Doi/10.1073/pnas.0502442102.
- Kawamura, K. Kawamura, N. Sato, W. Fukuda, J. Kumagai, J. Tanaka. T. (2009). Brain-Derived Neurotrophic Factor Promotes Implantation and Subsequent Placental Development by Stimulating Trophoblast Cell Growth and Survival. *Endocrinology Journal*. Vol. 150, 8. pp. 3774-3782. doi: 10.1210/en.2009-0213.
- Kementrian Kesehatan RI. (2015). *Profil Kesehatan Indoesia tahun 2014*. Jakarta. Kementerian Kesehatan Republik Indonesia.
- Kosim MS, Yunanto A, Dewi R, Sarosa GI, Usman A. (2012). Buku Ajar Neonatologi. Jakarta : Ikatan Dokter Anak Indonesia.
- Lanni, C. Govoni, S. Lucchelli, A; & Boselli, C. (2009). Depression and Antidepressants: Molecular and Celluler Aspects. *Celluler and Molecular Science*. Vol. 66. pp. 2985-3008.
- Lee, SH. Zabolotny, JM. Huang, U. Lee, H. Kim, YB. (2016). Insulin in the nervous system and the mind: Functions in metabolism, memory, and mood. *Molecular Metabolism*. Vol. 5. pp. 589-601. <http://dx.doi.org/10.1016/j.molmet.2016.06.011>.
- Lissauer, T. & Fanaroff, AA. (2009). *At a Galnce Neonatologi*. Jakarta : Erlangga.
- Macdonald, S; Magill-Curden, J. (2012). *Mayes' Midwifery*. British: Elsevier.
- Malamitsi-Puchner, A. Nikolaou, KE. Economou, E. Boutsikou, M. Boutsikou, T. Kyriakakou, M. *et al.* (2007). Intrauterine Growth Restriction and

Circulating Neurotrophin Levels At Term. *Early Human Development*. Vol. 83. pp. 465-469. doi:10.1016/j.earlhumdev.2006.09.001.

[Malhotra, M.](#) [Sharma, JB.](#) [Batra, S.](#) [Sharma, S.](#) [Murthy, NS.](#) [Arora, R.](#) (2002). Maternal and perinatal outcome in varying degrees of anemia. [US National Library of Medicine National Institutes of Health](#). Vol. 79. pp. 93-100

Margaretha, H. Anne, LB. Anna, W. Lauren, L. Jan, A. Bente, O. Per, M. (2014). Associations of Pregnancy Body Mass Index and Gestational Weight Gain With Pregnancy Outcome and Postpartum Weight Retention: a Prospective Observasional Cohort Study. *BMC Prenancy and Chidbirth*. pp.1447-2393.

Martinez-Cordero, C. Amador-Licona, N. Guizar-Mendoza, JM. Hernandez-Mendez, J. Ruelas-Orozco, G. (2006). Body Fat at Birth and Cord Blood Levels of Insulin, Adiponectin, Leptin, and Insulin-like Growth Factor-I in Small-for-Gestational-Age Infants. *Archives of Medical Research*. Vol. 37. pp. 490–494. doi: 10. 1016/j. arcm. 2005. 11. 004.

Mayeur, S. Silhol, M. Moitrot, E. Barbaux, S. Breton, C. Gabory, A. *et al.* (2010). Placental BDNF/TrkB Signaling System is Modulated by Fetal Growth Disturbances in Rat and Human. *Plasenta*. Vol. 31. pp. 785-791. doi:10.1016/j.placenta.2010.06.008.

Meek, TH. Wisse, BE. Thaler, JP. Guyenet, JS. Matsen, ME. Fischer, JD. *et al.* (2013). BDNF Action in the Brain Attenuates Diabetic Hyperglycemia via Insulin-Independent Inhibition of Hepatic Glucose Production. *Diabetes Journals*. Vol. 62. pp. 1512–1518.

Mi, HL. Yeo, JJ. Sang, ML. Mi, HP. Sung-Chul, Y. Young, JK. (2010). Placental gene expression is related to glucose metabolism and fetal cord blood levels. *Early Human Development*. Vol. 86. pp. 45-50 doi:10.1016/j.earlhumdev.2010.01.001.

Mira, WD. (2010). Buku Ajar Biologi Reproduksi. Jakarta : EGC

Morgan, & G. Hamilton, C. (2009). Obstetri dan Ginekologi Panduan Praktik (*Practice Guidelines for Obstetrics dan Gynecology*). Jakarta. EGC.

Morris, JC. (2014). Pedoman Gizi, Pengkajian dan Dokumentasi. Jakarta. EGC.

Pardo, IMCG. Geloneze, B. Tambascia, MA. and Barros-Filho, AA.(2004). Hyperadiponectinemia in Newborns: Relationship with Leptin Levels and Birth Weight. *Obesity Research*. Vol. 12.

- Pati, AA. Ekele, BA. Nwobodo, EI. Yakubu, A. (2012). The relationship between the weight of the placenta and birth weight of the neonate in a Nigerian Hospital. *Nigerian Medical Journal*. Vol. 53. doi: 10.4103/0300-1652.103547.
- Pereira, L. Petitt, M. Fong, A. Tsuge, M. Tabata, T. Fang-Hoover, J. *et al.* (2014). Intrauterine Growth Restriction Caused By Underlying Congenital Cytomegalovirus Infection. *J. Infect. Dis.* Vol. 209. pp. 1573–1584. doi:10.1093/infdis/jiu019.
- Reichardt, LF. (2006). Neurotrophin-regulated signalling pathways. *The Royal Society*. Vol. 361. pp. 1545-1564. doi:10.1098/rstb.2006.1894
- Rethore, DK. Nair, D. Raza, S. Saini, S. Singh, R. Kumar, A. *et al.*, (2015). Underweight Full-Term Indian Neonates Show Differences in Umbilical Cord Blood Leukocyte Phenotype : A Cross-Sectional Study. *Ploze One*. pp. 1-22. Doi:10.1371/journal.pone.0123589.
- Rothman, SM; & Mattson, MP. (2013). Activity-Dependent, Stress-Responsive BDNF Signaling and the Quest for Optimal Brain Health and Resilience throughout the Lifespan. *Neuroscience*. Vol. 239. pp. 228-240.
- Sadler, TW. (2014). *Embriologi Kedokteran Langman (Edisi. 12)*. Jakarta. EGC
- Sahin, Z. Acar, N. Ozlem, O. Ustunel, I. Demir, R. (2011). Distribution of Notch Family in Intrauterine Growth Restriction and Hypertension complicated human term placentas. *Acta Histochemica*. Vol 113. pp. 270-276. Doi.10.1016/j.acthis.2009.10.006.
- Saifuddin, AB. (2014). *Ilmu Kebidanan (Edisi. 4)*. Jakarta. Bina Pustaka Prawirohardjo.
- Sawant, LD. dan Venkat, S. (2013). Comparative Analysis of Normal versus Fetal Growth Restriction in Pregnancy: The Significance of Maternal Body Mass Index, Nutritional Status, Anemia, and Ultrasonography Screening. *International Journal of Reproductive Medicine*. Vol. 2013. <http://dx.doi.org/10.1155/2013/671954>.
- SDKI. (2013). Dalam Laporan Survey Demografi Kesehatan Indonesia. Diakses Tanggal 20 Oktober 2016. <http://depkes.go.id>.
- Shariatpanaahi, MV. (2007). The Relationship between Depression and Serum Feritin Level. *European Journal of Clinical Nutrition*. Vol. 61. pp. 532-535.

- Sharma, D. Shastri, S. Sharma, P. (2016). Intrauterine Growth Restriction: Antenatal and Postnatal Aspects. *Clinical Medicine Insights: Pediatrics*. Vol. 10. pp. 67–83. doi: 10.4137/CMPEd.s40070.
- Sherwood, L. (2011). *Fisiologi Manusia dari Sel ke Sistem (Edisi 6)*. Jakarta. EGC
- Skrha, J. (2006). Pancreatic Hormones and Hormonal Regulation of Insulin Secretion. *Casopis Lekaru Ceskych*. Vol. 145. pp. 559-605.
- Story, L. Damodaram, MS. Allshop, JM. McGuinness, A. Patel, A. Wylezinska, M. *et al.* (2011). Brain metabolism in fetal intrauterine growth restriction: a proton magnetic resonance spectroscopy study. *American Journal of Obstetrics & Gynecology*. pp. 205:483. doi: 10.1016/j.ajog.2011.06.032.
- Street, ME. Viani, I. Ziveri, MA. Volta, C. Smeriari, A. Bernasconi, S. (2011). Impairment of insulin receptor signal transduction in placentas of intra-uterine growth-restricted newborns and its relationship with fetal growth. *European Journal of Endocrinology*. Vol. 164. pp. 45-52. DOI: 10.1530/EJE-10-0752.
- Supariasa, IDN. Bakri, B. Fajar, I. (2012). *Penilaian Status Gizi*. Jakarta. EGC
- Tricia, LG. Cunningham, MD. Fabien, GE. Deborah, JT. (2013). *Neonatology : Management, Prosedures, On-call Problems, Disease and Drugs (Seventh Edition)*. USA : The McGraw-Hill Companies Inc.
- Uguz, F. Sonmez, EO. Sahingoz, M. Gokmen, Z. Basaran, M. Gezginc, K. *et al.*, (2013). Maternal generalized anxiety disorder during pregnancy and fetal brain development: A comparative study on cord blood brain-derived neurotrophic factor levels. *Journal of Psychosomatic Research*. Vol. 75. pp. 346-350. <http://dx.doi.org/10.1016/j.jpsychores.2013.04.010>
- Varcarolis, EM. (2013). *Essentials of Psychiatric Mental Health Nursing A Communication Approach Based Care 2nd Edition*. Canada : Elsevier Sauder.
- Vejrazkova, D. Vcelak, J. Vankova, M. Lukasova, P. Bradnova, O. Halkova, T. *et al.*, (2012). Steroids and Insulin Resistnsnce in Pregnancy. *Journal of Steroid Biochemistry and Molecular Biology*. Doi. <http://dx.doi.org/10.1016/j.jsbmb.2012.11.007>.
- Visnjevac, N. Segedi, LM. Curcic, A. Visnjevac, J. Stajic, D. (2011). Blood Ferritin Level in Pregnant Wownt and Prediction of the Development of Fetal Intrauterine Growth Retriiction. *J Med Biochem*. Vol. 30. pp.317-322

WHO. (2012). Trends in maternal Mortality: 1990 to 2010, retrivied from : <http://who.int/healthinfo/statistics/indmaternalmortality>.

Widyanto, T. Hermanto, TJ. (2013). Perbandingan kadar *Brain Derived Neurotrophic Factor* (BDNF) Serum Darah Tali Pusat Bayi Baru Lahir antara Ibu Hamil yang Mendapat DHA dengan Kombinasi DHA dan 11-14 Karya Mozart Selama Hamil. *Departemen Obstetri dan Ginekologi. Fakultas Kedokteran Universitas Airlangga. Surabaya.*

Wilcox, G. (2005). Insulin and Insulin Resistance. *Clin Biochem Rev.* Vol 26. pp. 19-37.

Wirakusumah F, Mose J, Krisnadi SR, Efendi JS.(2012). *Obstetri Fisiologi : Ilmu Kesehatan Reproduksi (Edisi 2)*. Jakarta: EGC.

Wirakusumah FF. (2012). *Pemantauan Kesejahteraan Janin*. Jakarta : CV sagung Seto.

Zhang, S. Regnault, RH. Barker, PL. Botting, KJ. McMillen, IC. McMillen, CM. (2015). Placental Adaptations in Growth Restriction. *Nutrients Journal.* Vol. 7. pp. 360-389. doi:10.3390/nu7010360.

