

DAFTAR PUSTAKA

- Almatsier S., 2004, *Prinsip Dasar Ilmu Gizi*, PT. Gramedia Pustaka Utama, Jakarta, h. 81.
- American Diabetes Association*, 2004, "Standards of medical care in diabetes", *Diabetes Care*; 28 (Suppl. 1): S4–S36.
- Basset J., Denney R. C., Jeffrey G.H, Mendhom J., 1994, *Buku Ajar Vogel: Kimia Analisis Kuantitatif Anorganik*, Terjemahan A. Hadyana Pudjaatmaka dan L. Setiono, Penerbit Buku Kedokteran EGC, Jakarta.
- Boonyasit Y., Chinvongamorn C., Chailapakul O. dan Laiwattanapaisal W., 2012, "Simple Spectrophotometric Sequential Injection Analysis System for Determination of Serum Calcium," *American Journal of Analytical Chemistry*, Vol. 3 No. 2, pp. 131-137
- Bridsey SJ, Fraser WD, Owens OJ, Dryburgh FJ, Logue FC, Jenkins A, Kennedy J, Boyle IT., 1995, "Changes in calciotropic hormones and biochemical markers of bone turnover in normal human pregnancy", *Eur J Endocrinol* 131:369–374.
- Brook Charles G. D., Peter Clayton, Rosalind Brown, 2011, *Dasar-Dasar Keperawatan Maternitas Medical*, EGC, Jakarta, 268.
- Browser IA, van Dusseldorp M, West CE, Meyboom S, Thomas CM, Duran M, van het Hof KH, Eskes TK, Hautvast JG, Steegers-Theunissen RP: 1999, Dietary folate from vegetables and citrus fruit decreases plasma homocysteine concentrations in humans in a dietary controlled trial. *J Nutr* 129:1135–1139.
- Büttner R, Wobser H, Wrede C, Schäffler A, Schölmerich J, Büchler C, Bollheimer LC, 2007, "Supplementation of folic acid improves insulin resistance in the high fat fed rat", *Exp Clin Endocrinol Diabetes*; 115 - P02_060, DOI: 10.1055/s-2007-972467.
- Caluwaerts S., Holemans K., Bree V.R., Verhaeghe J., Assche F.A.N., 2003, "Is Low-Dose Streptozotocin in Rats an Adequate Model for Gestational Diabetes Mellitus?", *J Soc Gynecol Investig Vol. 10, No. 4, 217-221*.
- Carmel R., 2005, *Folic Acid. Modern Nutrition in Health and Disease*. M. Shils, M. Shike, A. Ross, B. Caballero and R. Cousins. Baltimore, MD, Lippincott Williams & Wilkins: 470-481.

- Castillo E.S., 1991, *National Poison Control & Information Service*, Department of Pharmacology UP College of Medicine Manila, Philippina.
- daFonseca E.B, Raskin S, Zugaib M., 2013, “Folic acid for the prevention of neural tube defects”, *Rev. Bras. Ginecol. Obstet.* vol.35 no. 7.
- Dahlan M.S, 2011, *Statistik untuk Kedokteran dan Kesehatan: Deskriptif, Bivariat, dan Multivariat*, Edisi 5, Salemba Medika, Jakarta, 141.
- Das S.U., dan Ankola P., 2012, “ Infants Born to Mothers with Pre-Gestational Diabetes Have a Higher Risk of Developing Neonatal Hypocalcemia Compared to Mothers with Gestational Diabetes”, *e-Journal of Neonatology Research* Volume 2, Issue 3; 130-133.
- Dewi R., dan Rohsiswanto R., 2012, “Faktor yang Memengaruhi Angka Kejadian Hipokalsemia di Ruang Rawat Neonatal”, *J Indon Med Assoc*, Volum: 62, Nomor: 10; 386-390.
- FAO, 1988, Requirement of vitamin A, Iron, Folate and Vitamin B12, Report of a joint FAO/WHO expert consultation. Rome: FAO of the United Nations Series 23.
- Gillum R, 2003, “Distribution of serum total homocysteine and its association with diabetes and cardiovascular risk factors of the insulin resistance syndrome in Mexican American men: the Third National Health and Nutrition Examination Survey”, *Nutr J* 2:6.
- Granner B.S., Kruse B., Wolf A.S., 2003, “Calcitonin secretion by human placental tissue”, *Acta Obstet Gynecol Scand* 66:323–326.
- Guyton AC. dan Hall JE., 2008, *Buku Ajar Fisiologi Kedokteran*, edisi 11, EGC, Jakarta; 440-448.
- Hamilton C., Fletcher J., Gurr A., Fellingham F. R., Pranker T.A.J., 1995, “The value of folic acid supplements in pregnancy,” *Journal of Obstetrics and Gynaecology of the British Commonwealth*, vol. 78, no. 9, pp. 781–785.
- Hathcock JN (August 1997). "Vitamins and minerals: efficacy and safety". *Am. J. Clin. Nutr.* 66 (2): 427–37. PMID 9250127.
- Henderson DC, Copeland PM, Nguyen DD, Borba CP, Cather C, Eden Evins A, Freudenreich O, Baer L, Goff DC, 2003, “Homocysteine levels and glucose metabolism in non-obese, non-diabetic chronic schizophrenia”, *Acta Psychiatr Scand*: 113: 121–125.
- Husain S., David L, Anast CS., 1994, “Calcium metabolism in newborn infants; the interrelationship of parathyroid function and calcium, magnesium and

phosphorus metabolism in normal, “sick”, and hypocalcemic newborns”, *J Clin Invest.*; 54:287-96.

Institute of Medicine Food and Nutrition Board, 2014, Dietary Reference Intakes: Thiamin, Riboflavin, Niacin, Vitamin B6, Folate, Vitamin B12, Pantothenic Acid, Biotin, and Choline, Washington, DC, National Academy Press.

Jackerott, M., Moldrup, A., Thams, P., Galsgaard, E.D., Knudsen, J., Lee, Y.C., Nielsen, J.H., 2006, “STAT5 activity in pancreatic beta-cells influences the severity of diabetes in animal models of type 1 and 2 diabetes, Diabetes”, 55(10):2705-2712.

Johnson MA., 2007, “If high folic acid aggravates vitamin B12 deficiency what should be done about it?”, *Nutr Rev* 65(10): 451-458.

Kalhan SC, Parimi PS, Lindsay CA. 2002, Pregnancy complicated by diabetes mellitus. In: Fanaroff AA, Martin RJ, editors. Neonatal-perinatal medicine: diseases of the fetus and infant. 7th edition. Philadelphia: Mosby; p. 1357– 62.

Kemenkes RI, 2014, *Pedoman Gizi Seimbang*, Direktorat Jenderal Bina Gizi dan KIA, Jakarta; 42.

King T.L, Brucker M.C., 2010, *Pharmacology for Women's Health*, Jones And Barlett Publisher, Inc., Ontario Canada, h. 99.

Kohn DF. dan Clifford C.B., 2002, *Biology and diseases of rats*. In: J..G Fox, L.C. Anderson, F.M. Lowe, dkk., eds. Laboratory Animal Medicine, 2nd ed. Academic Press, New York, 121-167.

Kovacs CS, Lanske B, Hunzelman JL, Guo J, Karaplis AC, Kronenberg HM SO, “Parathyroid hormone-related peptide (PTHrP) regulates fetal-placental calcium transport through a receptor distinct from the PTH/PTHrP receptor”, *Proc Natl Acad Sci U S A*. 1996;93(26):15233.

Lassi ZS, Salam RA, Haider BA, Bhutta ZA, 2013, Folic acid supplementation in pregnancy

Laurence and Bacharach, 1964, Evaluation of Drug Activities Pharmacometrics, *cit*: Ngatidjan, 1990, *Metode Laboratorium dalam Toksikologi*, reviewer: Hakim, L., Pusat Antar Universitas Bioteknologi Universitas Gadjah Mada, Yogyakarta.

Mangoni D.G., D. Galipeau, S. Verma, and J. H. McNeill, 2002, “Female rats are protected against fructose-induced changes in metabolism and blood pressure,” *American Journal of Physiology—Heart and Circulatory Physiology*, vol. 283, no. 6, pp. H2478–H2484.

- Mao G., Hong X., Xing H., dkk., 2005, “Efficacy of folic acid and enalapril combined therapy on reduction of blood pressure and plasma glucose: A multicenter, randomized, double-blind, parallel-controlled, clinical trial”, *Nutrition* 24, 1088–1096.
- Marcondes, F. K., Bianchi, F. J. And Tanno, A. P., 2002, “Determination Of The Estrous Cycle Phases Of Rats: Some Helpful Considerations”, *Braz. J. Biol.*, 62(4A): 609-614.
- Mimouni F, Tsang RC, Hertzberg VS, Neumann V, Ellis K., 1989, “Parathyroid hormone and calcitriol changes in normal and insulin-dependent diabetic pregnancies”, *Obstet Gynecol* 74:49–54.
- Mimouni F., Loughhead J., Miodovnik M., Khoury J., Tsang RC., 2013, “Early neonatal predictors of neonatal hypocalcemia in infants of diabetic mothers: an epidemiologic study”, *Am J Perinatol*, 7(3):203-6.
- Najib S. dan Sa’nchez MV, 2001, “Homocysteine thiolactone inhibits insulin signaling. Protective effect of glutathione”, *J Mol Endocrinol*, 27: 85–91.
- Nilofer A.R , Raju V. S., Dakshayini B. R., dan Zaki S.A, 2012, Screening in high-risk group of gestational diabetes mellitus with its maternal and fetal outcomes.
- Nugroho, A.E., 2006, “Review Hewan Percobaan Diabetes Mellitus : Patologi Dan Mekanisme Aksi Diabetogenik”, *Biodiversitas* Volume 7, Nomor 4, 378-382.
- Oz M.C., Roizen M.F., 2011, *Having a Baby: Panduan Modern Kehamilan yang Bahagia, Sehat, dan Cerdas*, Qanita, Bandung, h. 194.
- Rahayu M., 2011, “Pengaruh Pemberian Folat terhadap Kadar Homosistein dan Profil Lipid pada Tikus Diabetes”, *Tesis*, Universitas Diponegoro, Semarang.
- Rees, D, A and Alcolado, J. C., 2005, *Animal models of diabetes mellitus*, *Diabetic Medicine*, 22 : 359-370.
- Rigo J, Mohamed MW, De Curtis M. 2011, *Disorders of calcium, phosphorus and magnesium metabolism*, In: Martin RJ, Fanaroff AA, Walsh MC, editors, Fanaroff and Martin’s neonatal-perinatal medicine, diseases of the fetus and infant, 9th Ed, St. Louis-Missouri: Elsevier Mosby; 1523–56.
- Rubin LP, Posillico JT, Anast CS, Brown EM. 2001, Circulating levels of biologically active and immunoreactive intact parathyroid hormone in human newborns. *Pediatr Res*; 29:201.

- Sherwood P., 2001, Diagnosis and management of neonatal seizures. Philadelphia: Lippincot-Raven.
- Smith AD (January 2007). "Folic acid fortification: the good, the bad, and the puzzle of vitamin B-12". *Am. J. Clin. Nutr.* 85 (1): 3–5. PMID 17209170.
- Sukandar, E.Y., Andrajati,R., Sigit, J.I., Adnyana, I.K., Setiadi, A.P., dan Kusnandar, 2008, *ISO Farmakoterapi*, PT. ISFI Penerbitan, Jakarta, 655-56.
- Suntoro, 1983, dalam Megawati D., Sutarno, Listyawati S., "Siklus Estrus dan Struktur Histologis Ovarium Tikus Putih (*Rattus norvegicus* L.) Setelah Pemberian Monosodium Glutamat (MSG) Secara Oral", *BioSMART*, Vol. 7, No. 1, April 2005, hal. 47-52.
- Szkudelski, T., 2001, The Mechanism Of Alloxan And Streptozotocin Action In β Cells Of The Rat Pancreas, *Physiology Research*, 50: 536-54.
- Tawab Abdul C. N, Prakash R. M. Saldanha, Sahana K. S. 2014, High Maternal HbA1c is Associated with Neonatal Hypocalcemia. *Journal of Evolution of Medical and Dental Sciences*; Vol. 3, Issue 55, October 23; Page: 12531-12536, DOI: 10.14260/jemds/2014/3661.
- Thomas T, Smith JM, White PC, Adhikari S. 2012, "Transient neonatal hypocalcemia: presentation and outcomes", *Pediatrics*, 129:e1461-7.
- Tormo, M.A., Gil-Exojo, I., Romero de Tejada A., Campillo, J.E., 2006, White bean amylase inhibitor administered orally reduces glycaemia in type 2 diabetic rats, *British Journal of Nutrition*, 96(3):539-544.
- Tucker S, Lichtenstein P, Mimouni F, Gormley C, Tsang RC., 2002, "Calcium regulating hormones and minerals from birth to 18 months of age: a cross sectional study. Effects of sex, race, age, season and diet on serum minerals, parathyroid hormone and calcitonin", *Pediatrics*;77:891-6.
- Turner CD dan Bagnara JJ, 1976, dalam Putra A.P., "Efektivitas Pemberian Novergicus) Bunting dan Menyusui Terhadap Pertumbuhan Dan Kinerja Reproduksi Anak Tikus Betina Fakultas Kedokteran Hewan Kedelai Pada Tikus Putih", *Skripsi*, Institut Pertanian Bogor.
- U.S. Department of Agriculture Agricultural Research Service. (2012). USDA National Nutrient Database for Standard Reference, Release 25.

- Victoria M.A, Halifax NS., Anthony B., Armson H., 2007, “Teratogenicity Associated With Pre-Existing and Gestational Diabetes”, *J Obstet Gynaecol Can*; 29(11):927–934.
- Wandrup J, Kroner J, Pryds O, Kastrup KW., 2008, Age-related reference values for ionized calcium in the first week of life in premature and full-term neonates. *Scand J Clin Lab Invest*; 48:255.
- Wentzel P, Gäreskog M, Eriksson UJ, 2005, “Folic acid supplementation diminishes diabetes and glucose-induced dysmorphogenesis in rat embryos in vivo and in vitro”, *Diabetes* 54:546–547.
- WHO, 2003, “Justification of Animal Numbers”, http://www.acuc.berkeley.edu/guidelines/justification_animal_numbers.pdf, dikutip 15 Mei 2015.
- WHO, 2012, “Hypoglycemia of the newborn: review of the literature”, http://www.who.int/iris/bitstream/10665/85975/1/WHO_NMH_MND_13.2_eng.pdf, dikutip 15 Maret 2015.
- Wijeeekoon EP., Hall B., Ratnam S., Brosnan ME., Zeisel SH., Brosnan JT., 2005, “Homocysteine Metabolism in ZDF (Type 2) Diabetic Rats”, *Diabetes*; 54 (11): 3245-51.
- Williams PJ, Bulmer JN, Innes BA, Broughton Pipkin F., 2011, Possible roles for folic acid in the regulation of trophoblast invasion and placental development in normal early human pregnancy. *Biology of reproduction*. 84(6): 1148–53 doi: 10.1095/biolreprod.110.088351. PubMed PMID: 21349824.
- Wilson RD, Davies G, Desilets V, Reid GJ, Summers A, Wyatt P, Young D, 2003, “Genetics Committee and Executive and Council of the Society of Obstetricians and Gynaecologists of Canada: The use of folic acid for the prevention of neural tube defects and other congenital anomalies”, *J Obstet Gynaecol Can*, 25:959–973.
- Wright E, Scism-Bacon JL, dan Glass LC., 2006, “Oxidative stress in type 2 diabetes: the role of fasting and postprandial glycaemia”, *J Clin Pract*. Mar; 60(3): 308–314.