

DAFTAR PUSTAKA

- AETNA. (2012). *Healthy Pregnancy Handbook*. United States of America: AETNA co
- Aggarwal, B. B., Sundaram, C., Prasad, S., & Kannappan, R. 2010. Tocotrienols, the vitamin E of the 21st century: Its potential against cancer and other chronic diseases. *Biochemical Pharmacology*, 80, 1613–1631, ISSN 0006-2952
- Aksu, H., & Özsoy, S. (2016). Primary Dysmenorrhea and Herbals. *Journal of Healthcare Communications*, 1(3),ISSN 2472-1654.
- Alferez, M. J. M., Aliaga, I. L., Barriónuevo, M., & Campos, M. S. 2002. Effect of dietary inclusion of goat milk on the bioavailability of zinc and selenium in rats. *Journal of Dairy Research*, 70, 181-187, DOI: 10.1017/S0022029903006058
- Bano, R. 2013. Cross-sectional descriptive study using self-administered questionnaire. 100 participants. IJHSR
- Bata, M. S. 2012. Self-administered questionnaire 596 secondary-school students Mean age: 15.7 ± 1.5 yrs. *Int J Gynaecol Obstet*. 119:281-3.
- Best Start Resource Centre. (2016). *A Healthy Start for Baby and Me*. Canada: author
- Bokhari, F. A., Shakoori, T. A., Butt, A., & Ghafoor, F. 2014. Tnf-Alpha: A Risk Factor For Ischemic Stroke. *J Ayub Med Coll Abbottabad*, 26(2), 111-114
- Bolten, M. I., Wurmser, H., Buske-Kirschbaum, A., Papoušek, M., Pirke, K., & Hellhammer, D. (2011). Cortisol levels in pregnancy as a psychobiological predictor for birth weight. *Arch Womens Ment Health*.
- Brandt, M. 2004. Prostaglandin biosynthesis and functions.
- Carvalho, S., Sato, K. L., Castania, J. A., Salgado, H. C., Nessler, R. A., & Fazan, V. P. S. 2014. Ultrastructural Morphometry of the Aortic Depressor Nerves and Extrinsic Renal Nerves: Similarities and Differences between Mice and Rats. *Anatomy & Physiology*, 4(3), ISSN 2161-0940
- Çebi Sen, C., & Akçay, E. 2015. The effect of oxytocin and prostaglandin hormones added to semen on stallion sperm quality. *Turkish Journal of Veterinary and Animal Sciences*, 39, 705-708.
- Chaffee, B. W., & King, J. C. 2012. Effect of Zinc Supplementation on Pregnancy and Infant Outcomes: A Systematic Review. *Paediatric and Perinatal Epidemiology*, 26(1), 118-137, doi: 10.1111/j.1365-3016.2012.01289.x
- Cheng, Z., Robinson, R. S., Pushpakumara, P. G. A., Mansbridge, R. J., & Wathes, D. C. 2001. *Journal of Endocrinology*, 171, 463-473, ISSN 0022-0795
- Clift, J. (2008). *Maternal Physiology And Obstetrics*. UK: Cambridge University Press
- Clinical guideline. (2010). *Hypertension in pregnancy:diagnosis and management*. UK: NICE co

- Colombo, M. L. 2010. An Update on Vitamin E, Tocopherol and Tocotrienol—Perspectives. *Molecules*, 15, 2103-2113, doi:10.3390/molecules15042103
- Cosmetic Ingredient Review. 2014. *Safety Assessment of Tocopherols and Tocotrienols as Used in Cosmetics*.
- Cousins, R. J. 2010. Gastrointestinal Factors Influencing Zinc Absorption and Homeostasis. *International Journal of Vitamin Nutrients Research*.
- Crawley, H. (2014). *Eating well for a healthy pregnancy A practical guide*. London: First Steps Nutrition Trust
- Das, M., & Das, R. 2012. Need of education and awareness towards zinc supplementation: A review. *International Journal of Nutrition and Metabolism*, 4(3), 45-50, ISSN 2141-2499
- De Rijk, E. P. C . T., van Esch, E., & Flik, G. 2002. Pregnancy Dating in the Rat: Placental Morphology and Maternal Blood Parameters. *Toxicologic Pathology*, 30(2), 271-282, ISSN 0192-6233
- Deb, S., & Raine-Fenning, N. (2005). Dysmenorrhoea. *Obstetrics, Gynaecology and Reproductive Medicine*, 18(11), 294-300.
- Dekker, M. 2004. *Vitamin E Food Chemistry, Composition, and Analysis*. New York: MARCEL DEKKER INC.
- Department of Health. (2010). i. UK COI ANDALAS
- Department of Reproductive Health and Research. (2007). *Managing Complications in Pregnancy and Childbirth:A guide for midwives and doctors*. Geneva: WHO Library Cataloguing-in-Publication Data
- Devi, C. B., Nandakishore, T., Sangeeta, N., Basar, G., Devi, N. O., Jamir, S., & Singh, M. A. 2014. Zinc in Human health. *Journal of Dental and Medical Sciences*, 13(7), 18-23, ISSN: 2279-0853
- DiPietro, J. A. (2012). Maternal Stress in Pregnancy: Considerations for Fetal Development. *Journal of Adolescent Health*, 51, S3-S8
- Engin, K. N. 2009. Alpha-tocopherol: looking beyond an antioxidant. *Molecular Vision*, 15, 855-860
- Environmental Protection Agency. 2005. *Zinc And Compounds*. Washington D.C
- Eman, M. M. 2012. Self-administered structured questionnaire. Life Sc Journal 9: 348-353
- Evans, L. M., Myers, M. M., & Monk, C. (2008). Pregnant women's cortisol is elevated with anxiety and depression — but only when comorbid. *Arch Womens Ment Health*.
- Family Health Service. (2016). *Your Pregnancy Guide*. Hong Kong: Department of Health.
- Gammoh, N. Z. & Rink, L. 2017. Zinc in Infection and Inflammation. 9(6). pii: E624. doi: 10.3390/nu9060624
- Gagua, T. 2012. Cross-sectional study including 2,561 women. J Turk Ger Gynecol Association 13:162-8.
- International Association for The Study of Pain. 2007.
- Government of Canada. (2011). *The Sensible Guide to a Healthy Pregnancy*. Ottawa: Public Health Agency of Canada

- Grilo, E. C., Costa, P. N., & Gurgel, C. S. 2014. Alpha-tocopherol and gamma-tocopherol concentration in vegetable oils. *Food Science and Technology*, ISSN 0101-2061, <http://dx.doi.org/10.1590/S0101-20612014005000031>
- Grüngreiff, K., Reinholt, D., & Wedemeyer, H. 2016. The Role Of Zinc In Liver Cirrhosis. *Annals of Hepatology*, 15(1), 7-16
- Gupta, P., & Bhatia, V. (2008). Corticosteroid Physiology and Principles of Therapy. *Indian Journal of Pediatrics*, 75, 1039-1044
- Hassanin, S. H., Khali, F. A., Abd-Elaziz, A. M. S., & El-Sobhy, H. E. 1994. Changes in Some Physiological Parameters of Albino Rats at Different Ambient Temperatures. *AJAS*, 7(4), 471-474
- Health Service Executive. (2016). *A guide to your pregnancy month by month. Ireland*: HSE co
- Hecker, M., Newsted, J. L., Murphy, M. B., Higley, E. B., Jones, P. D., Wu, R., & Giesy, J. P. (2006). Human adrenocarcinoma (H295R) cells for rapid in vitro determination of effects on steroidogenesis: *Hormone production. Toxicology and Applied Pharmacology*, 217, 114-124
- Hoggatt, J., Singh, P., Sampath, J., & Pelus, L. M. 2009. Prostaglandin E2 enhances hematopoietic stem cell homing, survival, and proliferation. *BLOOD*, 113(22), 5444-5455. ISSN 1528-0020
- Hundalani, S. G., Kulkarni, M., Fernandes, C. J., Cabrera, A. G., Shivanna, B., & Pammi, M. 2014. Prostaglandin E1 formaintaining ductal patency in neonates with ductus-dependent cardiac lesions (Protocol). Cochrane Database of Systematic Reviews, (12)
- Imler, P. B., & Wilbanks, D. (2010). *The Essential Guide to Getting Pregnant*. USA: American Pregnancy Association
- Jiang, Q., Elson-Schawb, I., & Ames, B. N. 2000. gamma-tocopherol and its major metabolite, in contrast to alpha-tocopherol, inhibit cyclooxygenase activity in macrophages and epithelial cells. *Proc Natl Acad Sci U S A*, 97(21):11494-9.
- Johnson, P. E. 2000. Zinc Absorption and Excretion in Humans and Animals. *Copper and Zinc in Inflammation*.
- Kahsani, L., Mohammadi, M., Heidari, M., & Akhondzadeh, S. (2015). Herbal Medicine in the Treatment of Primary Dysmenorrhea. *Journal of Medicinal Plants*, 14(53).
- Kar, K., Bhattyacharya, G., & De, J. 2013. Study of Zinc in Cirrhosis of Liver. *Indian Medical Gazette*
- Kenney, T. (2011). Painful Periods. *Fertility Care for Young Women*, 3(2).
- Kimura, T., & Kambe, T. 2016. The Functions of Metallothionein and ZIP and ZnT Transporters: An Overview and Perspective. *International Journal of Molecular Science*, 17(336), doi:10.3390/ijms17030336
- Kumar, V., Kumar, A., Singh, S. K., Tripathi, A. K., Kumar, D., Singh, R., & Dwivedi, S. 2016. Zinc Deficiency and Its Effect on the Brain: An Update. *International Journal of Molecular Genetics and Gene Therapy*, 1(1), ISSN 2471-4968
- Larasati, T. A., & Alatas, F. (2016). Dismenore Primer dan Faktor Risiko Dismenore Primer pada Remaja. *Jurnal Majority*, 5(3), 79–84.

- Li, X., Xiang, X., Hu, J., Goswami, R., Yang, S., Zhang, A., Wang, Y., Li, Qifu., & Bi, X. (2016). Association Between Serum Cortisol and Chronic Kidney Disease in Patients with Essential Hypertension. *Kidney Blood Press Research*, 41, 384-391
- Litta, G., Chung, T. K., & Weber, G. M. The role of vitamin E in the antioxidant system and in enhancing meat quality.
- Livshits, A., & Seidman, D. S. (2010). Role of Non-Steroidal Anti-Inflammatory Drugs in Gynecology. *Pharmaceuticals*, 3, ISSN 1424-8247, 2082-2089.
- Mahapatra, S., Ramakrishna, P., Joopalli, P., & Syed, M. H. N. 2015. The Effect of Prostaglandin Therapy on Ankle Brachial Index in Non-Reconstructable Symptomatic Peripheral Artery Disease Patients- Retrospective Analysis. *Journal of Vascular Medicine & Surgery*, 3(5), ISSN:2329-6925
- Mahvash, N., Eidy, A., Mehdi, K., Zahra, M. T., Mani, M., & Shahla, H. (2012). The Effect of Physical Activity on Primary Dysmenorrhea of Female University Students. *World Applied Sciences Journal*, 17(10), ISSN 1818-4952, 1246-1252.
- Maret, W. 2012. Zinc Biochemistry: From a Single Zinc Enzyme to a Key Element of Life. Zinc in cellular regulation
- Martínez-Porcas, M., Martínez-Córdova, L. R., & Ramos-Enriquez, R. 2009. Cortisol and Glucose: Reliable indicators of fish stress?. *Pan-American Journal of Aquatic Sciences*, 4(2), 158-178
- Meinlschmidt, G., Martin, C., Neumann, I. D., & Heinrichs, M. (2010). Maternal cortisol in late pregnancy and hypothalamic–pituitary–adrenal reactivity to psychosocial stress postpartum in women, 13(2), ISSN 1607-8888, 163–171
- Ministry of Health. 2006. Food and Nutrition Guidelines for Healthy Pregnant and Breastfeeding Women: A background paper. Wellington: Ministry of Health
- Morrison, N. A. (2013). RU486 Reversal of Cortisol Repression of 1,25-Dihydroxyvitamin D₃ Induction of the Human Osteocalcin Promoter. *Open Journal of Endocrine and Metabolic Diseases*, 3, 55-62
- Murphy, D. 2005. Spine Pain and Omega-3 Essential Fatty Acids.
- Myers, S. A., Nield, A., & Myers, M. 2012. Zinc Transporters, Mechanisms of Action and Therapeutic Utility: Implications for Type 2 Diabetes Mellitus. *Journal of Nutrition and Metabolism*, doi:10.1155/2012/173712
- Narring, F. 2012. Cross sectional survey 3,340 females, aged 16 to 20 years who attended post-mandatory education. *Arch Pediatric* 19:125-30.
- National Institutes of Health. 2016. Vitamin E Fact Sheet for Consumers.
- Nelson,
- Nelson, L. M. (2009). Menstruation and the Menstrual Cycle. Frequently Asked Questions about Women's Health.
- Ohko, K., Ito, A., & Ito, M. 2012. Allergic Contact Dermatitis Syndrome Due to Tocopherol Acetate, in Addition to Glycyrrhetic Acid. *Journal of Cosmetics, Dermatological Sciences and Applications*, 2, 38-40, <http://dx.doi.org/10.4236/jcdsa.2012.21009>

- Ohlsson, A. 2010. Steroidogenesis Studied in a Human Adrenocortical Cell Line ! Effects of Single Chemicals and Mixtures. *Acta Universitatis agriculturae Sueciae*, 47, ISSN 1652-6880
- Oliveira, A. O., Fileto, C., & Melis, M. S. 2004. Effect of strenuous maternal exercise before and during pregnancy on rat progeny renal function. *Brazilian Journal of Medical and Biological Research*, 37, 907-911, ISSN 0100-879X
- Osayande, A. S., & Mehulic, S. (2013). Diagnosis and Initial Managementof Dysmenorrhea. *American Family Physician* 89(5). 341-346
- Packer, L., Weber, S. U., & Rimbach, G. 2001. Molecular Aspects of α-Tocotrienol Antioxidant Action and Cell Signalling. *The Journal of Nutrition*, ISSN 0022-3166
- Palliser, H. K., Ooi, G. T., Hirst, J. J., Rice, G., Dellios, N. L., Escalona, R. M., & Young, N. L. 2004. Changes in the expression of prostaglandin E and F synthases at induced and spontaneous labour onset in the sheep. *Journal of Endocrinology*, 180, ISSN 0022-0795, 469-477.
- Paouri, E., Tzara, O., Kartalou, G., Zenelak, S., & Georgopoulos, Spiros. 2017. Peripheral Tumor Necrosis Factor-alpha (TNF-a) modulates amyloid pathology by regulating blood-derived immune cells and glial response in the brain of AD/TNF transgenic mice. *The Journal of Neuroscience*, DOI: 10.1523/JNEUROSCI.2484-16.2017
- Park, E. J., Yi, J., & Chung, K. H. 2008. Oxidative stress and apoptosis induced by titanium dioxide nanoparticles in cultured BEAS-2B cells. *Toxicol Lett* 180(3):222-9. doi: 10.1016/j.toxlet.2008.06.869
- PCRM. (2007). Using Foods Against Menstrual Pain. www.pcrm.org
- Pembe, A. B. & Ndolele, N. T. 2011. Cross sectional study. *East African Journal Public Health*;8:232-6.
- Porteus, M. H., & Carroll, D. 2005. Gene Targeting using Zinc Finger Nucleases. *Nature Biotechnology*, 23(8)
- Potur, D. C. 2014. Cross-sectional study. 1,515 University students. *Pain Manag Nurs*;15: 768–77
- Pramanik, J., Chavan, V., & Kerkar, S. 2015. Genetic variation in the promoter region of pro-inflammatory cytokine TNF-α in perinatal HIV transmission from Mumbai, India. ;72(1):25-30. doi: 10.1016/j.cyto.2014.11.022.
- Rafalo, A., Sowa-Kucma, M., Pochwat, B., Nowak, G., & Szewczyk, B. 2016. Zinc Deficiency and Depression. Intech, <http://dx.doi.org/10.5772/63210>
- Reiter, E., Jiang, Q., & Christen, S. 2007. Anti-inflammatory properties of alpha- and gamma-tocopherol. ;28(5-6):668-91

- Ricciotti, E., & FitzGerald, G. A. 2011. Prostaglandins and Inflammation. *Arterioscler Thromb Vasc Biol*, 31(5), 986-1000.
- Rizvi, S., Raza, S. T., & Ahmed, F. 2013. The Role of Vitamin E in Human Health and Some Diseases. 14(2): e157–e165.
- Rodrigues, A. C. 2011. Observational transversal study 274 adolescents and young adults (age \leq 26). *Acta Med Port* 24 Suppl 2:383-88
- Royal College of Obstetricians and Gynaecologists. (2015). Reducing the Risk of Sabolic, I., Breljak, D., Ljubojevic, M., & Brzica, H. 2011. Are mice, rats, and rabbits good models for physiological, pharmacological and toxicological studies in humans?. *Periodicum Biologorum*, 113(1), 7-16
- Sachs, C. J. Oral analgesics for acute nonspecific pain. *Am Fam Physician*;71(5):913-8.
- Sadeghzadeh, B. 2012. A review of zinc nutrition and plant breeding. *Journal of Soil Science and Plant Nutrition*, 13(4), 905-927
- Sanderson, J. T. 2006. The Steroid Hormone Biosynthesis Pathway as a Target for Endocrine-Disrupting Chemicals. *Toxicological Sciences*, 94(1), 3–21.
- Sandman, C. A., Glynn, L., Schetter, C. D., Wadhwa, P., Garite, T., Chicz-DeMet, A., & Hobel, C. 2006. Elevated maternal cortisol early in pregnancy predicts third trimester levels of placental corticotropin releasing hormone (CRH): Priming the placental clock. *Peptides*, 27, 1457-1453.
- Satoh, J., Yagihashi, S., & Toyota, T. 2003. The Possible Role of Tumor Necrosis Factor-a in Diabetic Polyneuropathy. *Experimental Diab. Res.*, 4, 65–71, DOI: 10.1080/15438600390228496
- Schächinger, H., & Meyer, J. 2010. Stress and the brain. The brain as a coordinator and target of the human stress response. Erlangung des Doktorgrades der Naturwissenschaften durch den Fachbereich I-Psychobiologie der Universität Trier
- Schaible, H., Ebersberger, A., & Natura, G. 2011. Update on peripheral mechanisms of pain: beyond prostaglandins and cytokines. *Arthritis Research & Therapy*, 13(210)
- Severi, C., Hambidge, M., Krebs, N., Alonso, R., & Atalah, E. 2013. Zinc in plasma and breast milk in adolescents and adults in pregnancy and postpartum; a cohort study in Uruguay. *Nutricion Hospitalaria*, 28(1), 223-228, ISSN 0212-1611
- Sharma, M., & Mishra, S. 2013. Effect of Zinc deficiency on Growth and Morbidity in infants. *Journal of Nursing and Health Science*, ISSN: 2320–1959
- Simpson, C.(2015). Dysmenorrhea. The CHP Group Dysmenorrhea Clinical Pathway.
- Slominski, A., Zbytek, B., Szczesniewski, A., & Wortsman, J. 2006. Cultured Human Dermal Fibroblasts do Produce Cortisol. *Journal of Investigative Dermatology*, 126(5), 1177–1178.
- Soma-Pillay, P., Nelson-Piercy, C., Tolppanen, H., & Mebazaa, A. (2016). Physiological changes in pregnancy. *Cardiovascular Journal Of Africa*, 27(2), 89-94

- Souza-Talarico, J. N., Marin, M., Sindi, S., Lupien, S. J., 2011. Effects of stress hormones on the brain and cognition Evidence from normal to pathological aging. *Dement Neuropsychol*, 5(1), 8-16.
- Spadotto, R., Damasceno, D. C., Godinho, F. A., Amorim, E. M. P., Perobelli, J. E., & Kempinas, W. G. 2012. Reproductive physiology, and physical and sexual development of female offspring born to diabetic dams, 56(2), 96-103
- Stenvinkel, P., Ketteler, M., Johnson, R. J., Lindholm, B., Pecoits-Filho, R., Riella, M., Heimbürger, O., Cederholm, T., & Girndt, M. 2005. IL-10, IL-6, and TNF- α : Central factors in the altered cytokine network of uremia—The good, the bad, and the ugly. *Kidney International*, 67, 1216–1233
- Straub, R. H., Weidler, C., Demmel, B., Herrmann, M., Kees, F., Schmidt, M., Scholmerich, J., Schedel, J. 2003. Renal clearance and daily excretion of cortisol and adrenal androgens in patients with rheumatoid arthritis and systemic lupus erythematosus. *Ann Rheum Dis*, 63, 961–968
- Suzuki-Yamamoto, T., Toida, K., Sugimoto, Y., & Ishimura, K. 2009. Colocalization of prostaglandin F2 receptor FP and prostaglandin F synthase-I in the spinal cord. *Journal of Lipid Research*, 50, 1996-2003.
- Terrin, G., Canani, R. B., Chiara, M., Pietravalle, A., Aleandri, V., Conte, F., & Curtis, M. D. 2015. Zinc in Early Life: A Key Element in the Fetus and Preterm Neonate. *Nutrients*, 7, doi:10.3390/nu7125542
- Thapa, B. R., & Walia, A. 2006. Liver Function Tests and their Interpretation. *Indian Journal of Pediatrics*, 74(7), 663-671
- Thomas, R. G., Gebhardt, S. E. 2002. Nuts And Seeds As Sources Of Alpha And Gamma Tocopherols.
- Tzanavaris, T., Giannogonas, P., & Karalis, K. P. 2010. TNF-alpha and obesity. *Current directions in autoimmunity*, DOI: 10.1159/000289203
- Unkels, R. (2010). Painful Menstrual Period: Dysmenorrhea. *Gynecology For Less-Resourced Locations*, 79-83.
- Vale, R. G. S., Rosa, G., Júnior, R. J. N., Dantas, E. H. M. 2012. Cortisol and physical exercise. *ResearchGate*
- Venous Thromboembolism during Pregnancy and the Puerperium. RCOG Green-top Guideline 37a
- Ventura, T., Gomes, M. C., & Carreira., T. 2012. Cortisol and anxiety response to a relaxing intervention on pregnant women awaiting amniocentesis. *Psychoneuroendocrinology*, 37, 148—156.
- Wang, X., & Zhou, B. 2010. Dietary Zinc Absorption: A Play of Zips and ZnTs in the Gut. *IUBMB Life*, 62(3), 176–182.
- Whitworth, J. A., Williamson, P. M., Mangos, G., & Kelly, J. J. 2005. Cardiovascular consequences of cortisol excess. *Vascular Health and Risk Management*, 1(4), 291–299
- Xing, Y., Edwards, M. A., Ahlem, C., Kennedy, M., Cohen, A., Gomez-Sanchez, C. E., & Rainey, W. E. (2011). The effects of ACTH on steroid metabolomic profiles in human adrenal cells. *Journal of Endocrinology*, 209, 327–335
- Wong, L. P. 2010. Cross-sectional study 1,092 girls from 15 public secondary schools and 3 ethnic groups. *Int J Gynaecol Obstet*. 108:139-42.

Wu J.Y., Feng L., Park H.T., Havlioglu N., Wen L., Tang H., Bacon K.B., Jiang Zh, Zhang Xc, Rao Y. 2001. The neuronal repellent Slit inhibits leukocyte chemotaxis induced by chemotactic factors. *Nature*. 410:948–952 10.1038/35073616

Yanagisawa, H. 2004. Zinc Deficiency and Clinical Practice. *the Journal of the Japan Medical Association*, 47(8), 359–364

Yanamandra, N., & Chandraharan, Edwin. (2012). Anatomical and physiological changes in pregnancy and their implications in clinical practice. *Obstetric and Intrapartum Emergencies: A Practical Guide to Management*

Yeomans, E. R., & Gilstrap III, L. C. (2005). Physiologic changes in pregnancy and their impact on critical care. *Crit Care Med*, 33(10), 256-258

Zielinska, A., & Nowak, I. Tocopherols and tocotrienols as vitamin E. *CHEMIK*, 68(7), 585–591

