

## DAFTAR PUSTAKA

- Alfadhli, E.M. 2015. Gestational diabetes mellitus. *Saudi Med J*, 36(4): 399–406.
- Anon. 2010. International Association of Diabetes and Pregnancy Study Groups Recommendations on the Diagnosis and Classification of Hyperglycemia in Pregnancy. *Diabetes Care*, 33(3): 676 LP – 682.
- Carr, Darcy Barry. Gabbe, S. 1998. *Gestational Diabetes: Detection, Management, and Implication*.
- Catalano, P.M. 2010. Obesity, insulin resistance, and pregnancy outcome. *Reproduction (Cambridge, England)*, 140(3): 365–371.
- Cobas, R. 2018. *Elecsys Insulin: insert kit*.
- Coskun, A., Unsal, I., Serteser, M. & Inal, T. 2012. Six Sigma as a Quality Management Tool: Evaluation of Performance in Laboratory Medicine. *Quality Management and Six Sigma*, (May 2014).
- Dudley, A.E.O., Jenner, Z.B., Figueroa, H.M., Ellis, V.S. & Chauhan, S.P. 2017. Diabetes during Pregnancy: Influence of Body Mass Index on Composite Morbidity. *AJP Rep*, 7(2): e128–e133.
- Duman, N.B. 2015. Frequency of gestational diabetes mellitus and the associated risk factors. *Pak J Med Sci*, 31(1): 194–197.
- Ferrara, A. 2007. Increasing prevalence of gestational diabetes mellitus: a public health perspective. *Diabetes care*, 30 Suppl 2: S141-6.
- Fuller, K.P. & Borgida, A.F. 2014. Gestational diabetes mellitus screening using the one-step versus two-step method in a high-risk practice. *Diabetes*, 32(4): 148–150.
- Genova, M.P., Atanasova, B.D. & Todora, A.K.N. 2018. Body Mass Index and Insulin Sensitivity/Resistance: Cross Talks in Gestational Diabetes, Normal Pregnancy and Beyond. In B. D. Atanasova, ed. Rijeka: IntechOpen: Ch. 3.
- Grewal, E., Kansara, S., Kachhawa, G., Ammini, A.C., Kriplani, A., Aggarwal, N., Gupta, N. & Khadgawat, R. 2012. Prediction of gestational diabetes mellitus at 24 to 28 weeks of gestation by using first-trimester insulin sensitivity indices in Asian Indian subjects. *J.metabol*, 61(5): 715–720.
- Hahn, R.G., Ljunggren, S., Larsen, F. & Nyström, T. 2011. A simple intravenous glucose tolerance test for assessment of insulin sensitivity. *Theor Biol Med Model*, 8(12): 1–10.
- Huang, T.T.-K., Johnson, M.S. & Goran, M.I. 2002. Development of a prediction equation for insulin sensitivity from anthropometry and fasting insulin in prepubertal and early pubertal children. *Diabetes care*, 25(7): 1203–1210.
- Ismail, N.A.M., Kasim, M.M., Noor Aizzuddin, A. & Umar, N.A. 2013. Homeostatic indices of insulin resistance among gestational diabetics in anticipating pregnancy complications. *Gynecol Endocrinol.*, 29(7): 691–694.
- Jenum, A.K., Richardsen, K.R., Berntsen, S. & Mørkrid, K. 2013. Gestational diabetes, insulin resistance and physical activity in pregnancy in a multi-ethnic population – a public health perspective. *Norsk Epidemiologi*, 23(1 SE-Articles).
- Kaaja, R. & Ronnema, T. 2008. Gestational diabetes: pathogenesis and consequences to mother and offspring. *Rev Diabet Stud*, 5(4): 194–202.

- Kang, E.S., Yun, Y.S., Park, S.W., Kim, H.J., Ahn, C.W., Song, Y.D., Cha, B.S., Lim, S.K., Kim, K.R. & Lee, H.C. 2005. Limitation of the validity of the homeostasis model assessment as an index of insulin resistance in Korea. *Metabolism*, 54(2): 206–211.
- Kim, S.Y., England, L., Wilson, H.G., Bish, C., Satten, G.A. & Dietz, P. 2010. Percentage of gestational diabetes mellitus attributable to overweight and obesity. *Am J Public Health*, 100(6): 1047–1052.
- Kumru, P., Arisoy, R., Erdogan, E., Demirci, O., Kavrut, M., Ardic, C., Aslaner, N., Ozkoral, A. & Ertekin, A. 2016. Prediction of gestational diabetes mellitus at first trimester in low-risk pregnancies. *Taiwan J Obstet Gynecol*, 55(6): 815–820.
- Lee, K.W., Ching, S.M., Ramachandran, V., Yee, A., Hoo, F.K., Chia, Y.C., Wan Sulaiman, W.A., Suppiah, S., Mohamed, M.H. & Veettil, S.K. 2018. Prevalence and risk factors of gestational diabetes mellitus in Asia: a systematic review and meta-analysis. *BMC Pregnancy Childb*, 18(1): 494.
- Liu, J., Leng, J., Tang, C., Liu, G., Hay, J., Wang, J., Wen, S., Li, Z. & She, Y. 2014. Maternal glucose level and body mass index measured at gestational diabetes mellitus screening and the risk of macrosomia: results from a perinatal cohort study. *BMJ Open*, 4(5): e004538.
- Logakodie, S., Azahadi, O., Fuziah, P., Norizzati, B., Tan, S.F., Zienna, Z., Norliza, M., Noraini, J., Hazlin, M., Noraliza, M.Z., Sazidah, M.K. & Mimi, O. 2017. Gestational diabetes mellitus: The prevalence, associated factors and foeto-maternal outcome of women attending antenatal care. *Malays fam physician*, 12(2): 9–17.
- Nishikawa, E., Oakley, L., Seed, P.T., Doyle, P. & Oteng-Ntim, E. 2017. Maternal BMI and diabetes in pregnancy: Investigating variations between ethnic groups using routine maternity data from London, UK. *PLoS One*, 12(6): e0179332–e0179332.
- Odegaard, J.I. & Chawla, A. 2013. Pleiotropic actions of insulin resistance and inflammation in metabolic homeostasis. *Ann N Y Acad Sci*, 339(6116): 172–177.
- Ogunyemi, D., Whitten, A., Mahesan, A.M., Paul, A.B.M. & Boura, J. 2016. Nutritional Correlates of Women with a History of Gestational Diabetes and Insulin Resistance in the National Health and Nutrition Examination Survey (NHANES) 2000-2010 \*. *J Diabetes Mellitus*, 06: 69–76.
- Ozcimen, E.E., Uckuyu, A., Ciftci, F.C., Yanik, F.F. & Bakar, C. 2008. Diagnosis of gestational diabetes mellitus by use of the homeostasis model assessment–insulin resistance index in the first trimester. *Gynecol Endocrinol*, 24(4): 224–229.
- Perkeni, P.B. 2006. Konsensus Pengelolaan Diabetes Melitus di Indonesia. *Denpasar: PB. Perkeni*, (Dm): 1–26.
- Plows, J.F., Stanley, J.L., Baker, P.N., Reynolds, C.M. & Vickers, M.H. 2018a. The Pathophysiology of Gestational Diabetes Mellitus. *International journal of molecular sciences*, 19(11).

- Plows, J.F., Stanley, J.L., Baker, P.N., Reynolds, C.M. & Vickers, M.H. 2018b. The Pathophysiology of Gestational Diabetes Mellitus. *Int J Mol Sci*, 1. Plows J: 1–21.
- Purnamasari, D., Waspadji, S., Adam, J., Rudijanto, A. & Tahapary, D. 2013. Indonesian Clinical Practice Guidelines for Diabetes in Pregnancy. *J ASEAN Fed Endocr Soc*, 28(1): 9–13.
- Sastroasmoro, S. & Ismael, S. 2011. Perkiraan Besar Sampel. In *Dasar-Dasar Metodologi Penelitian Klinis*. Jakarta: Sagung Seto: 348.
- Secara, Diana, Secara, D & Popescu, B. 2009. Hormonal Effect in Normal and Diabetic Pregnancy. *Gineco.ro*, 5: 97–99.
- Shah, A., Stotland, N.E., Cheng, Y.W., Ramos, G.A. & Caughey, A.B. 2011. The association between body mass index and gestational diabetes mellitus varies by race/ethnicity. *Am. J. Perinatol*, 28(7): 515–520.
- Silverstone, F.A., Posner, N.A., Pomerance, W., Cramer, M. & Breuer, J. 1971. Application of the Intravenous and Oral Glucose Tolerance Tests in Pregnancy. *Diabetes*, 20(7): 476 LP – 484.
- Soelistijo, S., Novida, H., Rudijanto, A., Soewondo, P., Suastika, K. & Manaf, A. 2015. *Indonesia, P. E. (2015). Pengelolaan dan Pencegahan Diabetes Melitus Tipe 2 di Indonesia*. PB. PERKENI. 1st ed. Jakarta: PB. PERKENI.
- Steffes, M. 2002. Laboratory Procedure Manual Analyte: Serum Insulin (Human Insulin Immunoassay). : 1–13.
- Szumilas, M. 2010. Explaining odds ratios. *J. Can. acad. child adolesc. psychiatry*, 19(3): 227–229.
- Tamhane, A.R., Westfall, A.O., Burkholder, G.A. & Cutter, G.R. 2016. Prevalence odds ratio versus prevalence ratio: choice comes with consequences. *Stat Med*, 35(30): 5730–5735.
- Tanaka, K., Yamada, K., Matsushima, M., Izawa, T., Furukawa, S., Kobayashi, Y. & Iwashita, M. 2018. Increased maternal insulin resistance promotes placental growth and decreases placental efficiency in pregnancies with obesity and gestational diabetes mellitus. *J Obstet Gynaecol Re*, 44(1): 74–80.
- TJ, H., W, S. & DPP, B. 2012. Korelasi antara HOMA-IR Ibu Diabetes Mellitus Gestasional Trimester Tiga dengan Luaran Maternal dan Neonatal. In *Majalah Obstetri & Ginekologi*. Surabaya: 122–126.
- Valizadeh, M., Piri, Z., Mohammadian, F., Kamali, K. & Amir Moghadami, H.R. 2016. The Impact of Vitamin D Supplementation on Post-Partum Glucose Tolerance and Insulin Resistance in Gestational Diabetes: A Randomized Controlled Trial. *International journal of endocrinology and metabolism*, 14(2): e34312–e34312.
- Wallace, T.M., Levy, J.C. & Matthews, D.R. 2004. Use and abuse of HOMA modeling. *Diabetes care*, 27(6): 1487–1495.
- Wang, C., Zhu, W., Wei, Y., Su, R., Feng, H., Lin, L. & Yang, H. 2016. The Predictive Effects of Early Pregnancy Lipid Profiles and Fasting Glucose on the Risk of Gestational Diabetes Mellitus Stratified by Body Mass Index. *J. Diabetes Res*, 2016: 1–8.

- Wang, Q., Huang, R., Yu, B., Cao, F., Wang, H., Zhang, M., Wang, X., Zhang, B., Zhou, H. & Zhu, Z. 2013. Higher Fetal Insulin Resistance in Chinese Pregnant Women with Gestational Diabetes Mellitus and Correlation with Maternal Insulin Resistance. *PLoS ONE*, 8(4): e59845.
- Wei, J., Gao, J. & Cheng, J. 2014. Gestational diabetes mellitus and impaired glucose tolerance pregnant women. *Pak J Med Sci*, 30(6): 1203–1208.
- Yilmaz, O., Kucuk, M., Ilgin, A. & Dagdelen, M. 2010. Assessment of insulin sensitivity/resistance and their relations with leptin concentrations and anthropometric measures in a pregnant population with and without gestational diabetes mellitus. *J Diabetes Complicat*, 24(2): 109–114.