



## DAFTAR PUSTAKA

- ADA (2016) 'Classification and Diagnosis of Diabetes', *Diabetes Care*, 39(January), pp. 13–22. DOI: 10.2337/dc16-S005.
- Al-Badri, M. R., Zantout, M. S. and Azar, S. T. (2015) 'The role of adipokines in gestational diabetes mellitus', *Therapeutic Advances in Endocrinology and Metabolism*, 6(3), pp. 103–108. DOI: 10.1177/2042018815577039.
- Al-Noaemy, M.C., Shalayel, M. H. . (2011) 'Pathophysiology of Gestational Diabetes Mellitus: The Past, the Present and the Future', *Gestational Diabetes*. DOI: 10.5772/24315.
- Alfadhli, E. M. (2015) 'Gestational diabetes mellitus', *Saudi Medical Journal*, 36(4), pp. 399–406. DOI: 10.15537/smj.2015.4.10307.
- Alves, N. C. de C. *et al.* (2017) 'Complications in pregnancy in women aged 35 or older', *Rev. gaúch. enferm*, 38(4), pp. 2017–42. DOI: 10.1590/1983-1447.2017.04.2017-0042.
- Angueira, A. R. *et al.* (2015) 'New insights into gestational glucose metabolism: Lessons learned from 21st century approaches', *Diabetes*, 64(2), pp.327–334. DOI: 10.2337/db14-0877.
- Ashcroft, F. M. *et al.* (2017) 'Is Type 2 Diabetes a Glycogen Storage Disease of Pancreatic  $\beta$  Cells?', *Cell Metab*, pp. 17–23. DOI: 10.1016/j.cmet.2017.05.014.
- Baz, B., Riveline, J. P. and Gautier, J. F. (2016) 'Gestational diabetes mellitus: Definition, aetiological and clinical aspects', *European Journal of Endocrinology*, 174(2), pp. R43–R51. DOI: 10.1530/EJE-15-0378.
- Bhavadharini, B. *et al.* (2016) 'Screening and diagnosis of gestational diabetes mellitus - relevance to low and middle income countries', *Clinical Diabetes and Endocrinology*. *Clinical Diabetes and Endocrinology*, 2(1), pp. 1–8. DOI: 10.1186/S40842-016-0031-Y.
- Bortolon, L. N. M. *et al.* (2016) 'Gestational Diabetes Mellitus: New Diagnostic Criteria', *Open Journal of Endocrine and Metabolic Diseases*, 06(01), pp. 13–19. DOI: 10.4236/ojemd.2016.61003.
- Buchanan, T. a., Xiang, A. H. and Page, K. A. (2012) 'Gestasional Diabetes Mellitus: Risks and Management during and after Pregnancy', *HHS journal*, 8(11), pp. 353–357. DOI: 10.1038/nrendo.2012.96.Gestational.
- Chauhan, N. (2017) 'Laboratory Diagnosis of HbA1c: A Review', *Journal of*



*Nanomedicine Research*, 5(4), pp. 1–10. DOI:  
10.15406/jnmr.2017.05.00120.

Coskun, A. *et al.* (2015) ‘A new approach to calculating the Sigma Metric in clinical laboratories’, *Accreditation and Quality Assurance*, 20(2), pp. 147–152. doi: 10.1007/s00769-015-1113-8.

Farrar, D. *et al.* (2017) ‘Cochrane Library Cochrane Database of Systematic Reviews Dierent strategies for diagnosing gestational diabetes to improve maternal and infant health (Review)’, *Cochrane Database of Systematic Reviews*, 4(8), pp. 1–51. DOI: 10.1002/14651858.CD007122.

Fasshauer, M., Blüher, M. and Stumvoll, M. (2014) ‘Adipokines in gestational diabetes’, *The Lancet Diabetes and Endocrinology*, 2(6), pp. 488–499. DOI: 10.1016/S2213-8587(13)70176-1.

Fu, Z., R. Gilbert, E. and Liu, D. (2012) ‘Regulation of Insulin Synthesis and Secretion and Pancreatic Beta-Cell Dysfunction in Diabetes’, *Current Diabetes Reviews*, 9(1), pp. 25–53. DOI: 10.2174/15733998130104.

Gallagher, E. J., Le Roith, D. and Bloomgarden, Z. (2009) ‘Review of hemoglobin A(1c) in the management of diabetes.’, *Journal of diabetes*, 1(1), pp. 9–17. DOI: 10.1111/j.1753-0407.2009.00009.x.

Genc, S. (2014) ‘The Analytical Performances of Four Different Glycated Hemoglobin Methods’, *Medicinal Chemistry*, 4(6), pp. 501–505. DOI: 10.4172/2161-0444.1000185.

Genova, M. P., Todorova-Ananieva, K. and Tzatchev, K. (2013) *Impact of body mass index on insulin sensitivity/resistance in pregnant women with and without gestational diabetes mellitus, Acta Medica Bulgarica.*

Guo, W. *et al.* (2019) ‘Increased levels of glycated hemoglobin A1c and iron deficiency anemia: A review’, *Medical Science Monitor*, 25, pp. 8371–8378. DOI: 10.12659/MSM.916719.

Harper, L. M. *et al.* (2014) ‘Impact of obesity on maternal and neonatal outcomes in insulin-resistant pregnancy’, *American Journal of Perinatology*, 31(5), pp. 383–388. DOI: 10.1055/s-0033-1350057.

Homko, C. *et al.* (2014) ‘Insulin Secretion during and after Pregnancy in Patients with Gestational Diabetes Mellitus 1’, *J Clin Endocrinol Metab*, 86(2), pp. 568–573. DOI: 10.1210/jcem.86.2.7137.



- Horowitz, K. M., Ingardia, C. J. and Borgida, A. F. (2013) 'Anemia in Pregnancy', *Clinics in Laboratory Medicine*. Elsevier Inc, 33(2), pp.281–291. DOI: 10.1016/j.cll.2013.03.016.
- Hughes, R. C. E., Rowan, J. and Florkowski, C. M. (2016) 'Is There a Role for HbA1c in Pregnancy?', *Current Diabetes Reports*, 16(1), pp. 1–10. DOI: 10.1007/s11892-015-0698-y.
- International Diabetes Federation (2017) *IDF Diabetes Atlas*. 8th edition.
- Kit, C. manual (2009) 'Glucose HK', (04657527), pp. 7–9.
- Kuo, C. H. *et al.* (2017) 'Screening gestational diabetes mellitus: The role of maternal age', *PLoS ONE*, 12(3), pp. 1–13. DOI: 10.1371/journal.pone.0173049.
- Kwon, S. S. *et al.* (2015) 'HbA1c for diagnosis and prognosis of gestational diabetes mellitus', *Diabetes Research and Clinical Practice*. ElsevierIreland Ltd, 110(1), pp. 38–43. DOI: 10.1016/j.diabres.2015.07.014.
- Lai, Y. *et al.* (2020) 'The diagnostic accuracy of HbA1c in detecting gestational diabetes mellitus among Chinese pregnant individuals', *Annals of Translational Medicine*, 8(16), pp. 1014–1014. DOI: 10.21037/atm-20-5464.
- Law, K. P. and Zhang, H. (2017) 'The pathogenesis and pathophysiology of gestational diabetes mellitus: Deductions from a three-part longitudinal metabolomics study in China', *Clinica Chimica Acta*. Elsevier B.V., 468, pp. 60–70. DOI: 10.1016/j.cca.2017.02.008.
- Little, R. R. and Rohlfing, C. L. (2009) 'HbA1c standardization: Background, progress and current issues', *Laboratory Medicine*, 40(6), pp. 368–373. DOI: 10.1309/LM3DUSEIBXHTVZ70.
- Maiorana, A., Del Bianco, C. and Cianfarani, S. (2007) 'Adipose tissue: A metabolic regulator. Potential implications for the metabolic outcome of subjects born small for gestational age (SGA)', *Review of Diabetic Studies*, 4(3), pp. 134–146. DOI: 10.1900/RDS.2007.4.134.
- Masuch, A. *et al.* (2019) 'Preventing misdiagnosis of diabetes in the elderly: Age-dependent HbA1c reference intervals derived from two population-based study cohorts', *BMC Endocrine Disorders*. BMC Endocrine Disorders, 19(1), pp. 1–10. DOI: 10.1186/s12902-019-0338-7.
- Mousavi, S. N. *et al.* (2017) 'The Best Cut-Off Value for HbA1c as a Screening Tool in Iranian Women With Gestational Diabetes Mellitus.', *Journal of family & reproductive health*, 11(1), pp. 37–42. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/29114267> <http://www.pubmed>



[central.nih.gov/articlerender.fcgi?artid=PMC5664988](https://central.nih.gov/articlerender.fcgi?artid=PMC5664988).

- Moyce, B. L. and Dolinsky, V. W. (2018) 'Maternal  $\beta$ -Cell adaptations in pregnancy and placental signalling: Implications for gestational diabetes', *International Journal of Molecular Sciences*, 19(11). DOI: 10.3390/ijms19113467.
- Nar, R. and Emekli, D. I. (2017) 'The Evaluation of Analytical Performance of Immunoassay Tests by Using Six-Sigma Method', *Journal of Medical Biochemistry*, 36(4), pp. 301–308. DOI: 10.1515/jomb-2017-0026.
- Nguyen, C. L. *et al.* (2018) 'Prevalence of gestational diabetes mellitus in eastern and southeastern Asia: A systematic review and meta-analysis', *Journal of Diabetes Research*, 2018(Cc). DOI: 10.1155/2018/6536974.
- NHS England (2016) 'NHS Diabetes Prevention Programme and Weight Management Services: Eligibility', pp. 1–10.
- Nitin, S. (2010) 'HbA1c and factors other than diabetes mellitus affecting it', *Singapore Medical Journal*, 51(8), pp. 616–622.
- Odsæter, I. H. *et al.* (2016) 'Hemoglobin A1c as screening for gestational diabetes mellitus in Nordic Caucasian women', *Diabetology and Metabolic Syndrome*, 8(1), pp. 1–13. DOI: 10.1186/s13098-016-0168-y.
- Plows, J. F. *et al.* (2018) 'The Pathophysiology of Gestational Diabetes Mellitus', pp. 1–21. DOI: 10.3390/ijms19113342.
- Poulakos, P. *et al.* (2015) 'Comments on gestational diabetes mellitus: From pathophysiology to clinical practice', *Hormones*, 14(3), pp. 335–344. DOI: 10.14310/horm.2002.1570.
- Pulmonary, S. *et al.* (2019) 'CLINICAL PATHOLOGY AND MEDICAL Majalah Patologi Klinik Indonesia dan Laboratorium Medik'.
- Purnamasari, D. *et al.* (2013) 'Indonesian Clinical Practice Guidelines for Diabetes in Pregnancy', *Journal of the ASEAN Federation of Endocrine Societies*, 28(1), pp. 9–13. DOI: 10.15605/jafes.028.01.02.
- Pyzdek, T. (2009) *The Six Sigma handbook chapter 1, Search*. DOI: 10.1036/0071415963.
- Queensland Clinical Guidelines (2015) 'Maternity and Neonatal Clinical Guideline Obesity in pregnancy', pp. 1–30.
- Rajashree and Paunekar, V. (2019) 'Maternal complications of gestational diabetes mellitus', *National Journal of Physiology, Pharmacy and Pharmacology*, 9(0), p. 1. DOI: 10.5455/njppp.2019.9.0829631082019.



- Rajput, R. *et al.* (2012) 'Utility of HbA 1c for diagnosis of gestational diabetes mellitus', *Diabetes Research and Clinical Practice*. Elsevier Ireland Ltd, 98(1), pp. 104–107. DOI: 10.1016/j.diabres.2012.02.018.
- Renz, P. B. *et al.* (2015) 'HbA1c test as a tool in the diagnosis of gestational diabetes mellitus', *PLoS ONE*, 10(8), pp. 1–12. DOI: 10.1371/journal.pone.0135989.
- Rhea, J. M. and Molinaro, R. (2014) 'Pathology consultation on HbA1c methods and interferences', *American Journal of Clinical Pathology*, 141(1), pp. 5–16. DOI: 10.1309/AJCPQ23GTTMLAEVL.
- Rofifah, D. (2020) 'ADAMS A1c Lite HA-8380V Reference Manual', *Paper Knowledge . Toward a Media History of Documents*, pp. 12–26.
- Rojas, J., Chávez-Castillo, M. and Bermúdez, V. (2014) 'The Role of Metformin in Metabolic Disturbances during Pregnancy: Polycystic Ovary Syndrome and Gestational Diabetes Mellitus', *International Journal of Reproductive Medicine*, 2014, pp. 1–14. DOI: 10.1155/2014/797681.
- Rowan, J. A., Budden, A. and Sadler, L. C. (2014) 'Women with a nondiagnostic 75 g glucose tolerance test but elevated HbA1c in pregnancy: An additional group of women with gestational diabetes', *Australian and New Zealand Journal of Obstetrics and Gynaecology*, 54(2), pp. 177– 180. DOI: 10.1111/ajo.12166.
- Sacks, D. A. *et al.* (2012) 'Frequency of gestational diabetes mellitus at collaborating centers based on IADPSG consensus panel-recommended criteria: The Hyperglycemia and Adverse Pregnancy Outcome (HAPO) study', *Diabetes Care*, 35(3), pp. 526–528. DOI: 10.2337/dc11-1641.
- Sacks, D. B. (2011) 'A1C versus glucose testing: A comparison', *Diabetes Care*, 34(2), pp. 518–523. DOI: 10.2337/dc10-1546.
- Sacks, D. B. *et al.* (2011) 'Guidelines and recommendations for laboratory analysis in the diagnosis and management of diabetes mellitus', *Diabetes Care*, 34(6). DOI: 10.2337/dc11-9998.
- Shobha, P., Mathen, S. and Abraham, J. (2016) 'Glycosylated hemoglobin values in nondiabetic pregnant women in the third trimester and adverse fetal outcomes: An observational study', *Journal of Family Medicine and Primary Care*, 5(3), p. 646. DOI: 10.4103/2249-4863.197313.
- Sinha, N. *et al.* (2012) 'Effect of iron deficiency anemia on hemoglobin A1c levels', *Annals of Laboratory Medicine*, 32(1), pp. 17–22. DOI: 10.3343/alm.2012.32.1.17.
- Surapaneni, T., Nikhat, I. and Nirmalan, P. K. (2013) 'Diagnostic effectiveness of



75 g oral glucose tolerance test for gestational diabetes in india based on the international association of the diabetes and pregnancy study groups guidelines', *Obstetric Medicine*, 6(3), pp. 125–128. DOI: 10.1177/1753495X13482895.

Tarim, Ö. *et al.* (1999) 'Effects of iron deficiency anemia on hemoglobin A(1c) in type 1 diabetes mellitus', *Pediatrics International*, 41(4), pp. 357–362. DOI: 10.1046/j.1442-200X.1999.t01-1-01083.x.

Umer, L. (2004) 'HbA 1c Levels Are Significantly Lower in Early and Late Pregnancy', *Diabetes Care*, 27(January), pp. 1200–1201.

Uses, I. *et al.* (2011) 'Preferred Product Profile for HbA1c test Second priority : Diagnosis of diabetes', *WHO*, pp. 1–3.

Wang, Q. *et al.* (2013) 'Higher Fetal Insulin Resistance in Chinese Pregnant Women with Gestational Diabetes Mellitus and Correlation with Maternal Insulin Resistance', *PLoS ONE*, 8(4). doi: 10.1371/journal.pone.0059845.

Weir, G. C. *et al.* (2001) 'Beta Cell Adaptation and Decompensation During the Progression of Diabetes', *Diabetes*, 50(February), pp. 154–159. DOI: 10.2337/diabetes.50.2007.S154.

Weykamp, C. (2013) 'HbA1c: A review of analytical and clinical aspects', *Annals of Laboratory Medicine*, 33(6), pp. 393–400. DOI: 10.3343/alm.2013.33.6.393.

Zeng, Z., Liu, F. and Li, S. (2017) 'Metabolic Adaptations in Pregnancy: A Review', *Annals of Nutrition and Metabolism*, 70(1), pp. 59–65. DOI: 10.1159/000459633.