

Daftar Pustaka

1. Diabetes DOF. Diagnosis and classification of diabetes mellitus. *Diabetes Care*. 2010;33(suppl. 1):1-2.
2. Noctor E. Type 2 diabetes after gestational diabetes: The influence of changing diagnostic criteria. *World J Diabetes*. 2015;6(2):234.
3. Linnenkamp U, Guariguata L, Beagley J, Whiting DR, Cho NH. The IDF Diabetes Atlas methodology for estimating global prevalence of hyperglycaemia in pregnancy. *Diabetes Res Clin Pract*. 2013;103(2):186-196.
4. Sivak HD, Pérez A, Diaz-Alonso J. Screening effects in relativistic models of dense matter at finite temperature. *Prog Theor Phys*. 2001;105(6):961-978.
5. Silvano H, SS D, TA M. Hubungan tingkat konsumsi dan aktivitas fisik dengan IMT (index massa tubuh). *J Kedokt Muhammadiyah*. 2013;1(2):49-53.
6. Hubungan konsumsi karbohidrat, konsumsi total energi, konsumsi serat, beban glikemik dan latihan jasmani dengan kadar glukosa darah pada pasien diabetes mellitus tipe 2. *Diponegoro J Nutr Heal*. 2014;2(3).
7. Wu H, Liu Y, Wang H, Xu X. High-fat diet induced insulin resistance in pregnant rats through pancreatic pax6 signaling pathway. *Int J Clin Exp Pathol*. 2015;8(5):5196-5202.
8. Dinas Kesehatan DIY. Profil Kesehatan D.I Yogyakarta tahun 2018. profil kesehat drh istimewa yogyakarta tahun 2018. Published online 2018:44. <https://www.dinkes.jogjaprov.go.id>, diakses pada 21 Februari 2021 pukul 19.15.
9. Perkins JM, Dunn JP, Jagasia SM. Perspectives in gestational diabetes mellitus: A review of screening, diagnosis, and treatment. *Clin Diabetes*. 2007;25(2):57-62.
10. Hengtao Z., Ming W. and LZ. risk factors gestation diabetes mellit popul west china. 5(2). 2015:185
11. Herrera E, Ortega-senovilla H. Maternal lipid metabolism during normal pregnancy and its implications to fetal development. *Clinical Lipidology* 2015;(December).
12. Wu H, Liu Y, Wang H, Xu X. High-fat diet induced insulin resistance in pregnant rats through pancreatic pax6 signaling pathway. *Int J Clin Exp Pathol*. 2015;8(5):5196-5202.
13. Husna F, Suyatna FD, Arozal W, Purwaningsih EH. Model hewan coba pada penelitian diabetes. *Pharm Sci Res*. 2019;6(3):131-141.
14. Lima MS, Perez GS, Morais GL, et al. Effects of maternal high fat intake during pregnancy and lactation on total cholesterol and adipose tissue in neonatal rats. *Brazilian*

- J Biol. 2018;78(4):615-618.
15. Watson AD. Thematic review series: Systems biology approaches to metabolic and cardiovascular disorders. Lipidomics: A global approach to lipid analysis in biological systems. *J Lipid Res.* 2006;47(10):2101-2111.
 16. Kresge N, Simoni RD, Hill RL. JBC historical Perspectives: Lipid biochemistry. *J Biol Chem.* 2010;286:1-2.
 17. Sartika RAD. Pengaruh asam lemak jenuh, tidak jenuh dan asam lemak trans terhadap kesehatan. *Kesmas Natl Public Heal J.* 2008;2(4):154.
 18. Peter A. Mayes KMB. Biosynthesis of fatty acids. Dalam : Janet Foltin, Jim Ransom, and Janene Matragrano Oransky. *Harper's Illustrated Biochemistry.* Edisi ke-26. Boston: McGraw-Hill; 2003. 173-179 p.
 19. Coelho DF, Pereira-Lancha LO, Chaves DS, et al. Effect of high-fat diets on body composition, lipid metabolism and insulin sensitivity, and the role of exercise on these parameters. *Brazilian J Med Biol Res.* 2011;44(10):966-972.
 20. He J, Zhang P, Shen L. Short-chain fatty acids and their association with signalling pathways in inflammation, glucose and lipid metabolism. *Int J Mol Sci.* 2020;21(17):1-16.
 21. Borel P, Desmarchelier C. Bioavailability of fat-soluble vitamins and phytochemicals in humans: Effects of genetic variation. *Annu Rev Nutr.* 2018;38:69-96.
 22. Norgan NG. The beneficial effects of body fat and adipose tissue in humans. *Int J Obes.* 1997;21(9):738-746.
 23. MEDES G. Fat metabolism. *Annu Rev Biochem.* 1950;19:215-234.
 24. Larsson M. 2014. Endogenous and exogenous factors affecting lipoprotein lipase activity. Department of Medical Biosciences, Physiological Chemistry. Umea University.
 25. Romijn JA, Coyle EF, Sidossis LS. Regulation of endogenous fat and carbohydrate metabolism in relation to exercise intensity and duration. *Am J Physiol - Endocrinol Metab.* 1993;265(3 28-3):380-391.
 26. Meyrath M, Szpakowska M, Zeiner J. The atypical chemokine receptor ACKR3/CXCR7 is a broad-spectrum scavenger for opioid peptides. *Nat Commun.* 2020;11(1):1-2.
 27. Balsells M, García-Patterson A, Gich I, Corcoy R. Maternal and fetal outcome in women with type 2 versus type 1 diabetes mellitus: A systematic review and metaanalysis. *J Clin Endocrinol Metab.* 2009;94(11):4284-4291.

28. Schaefer-Graf UM, Graf K, Kulbacka I. Maternal lipids as strong determinants of fetal environment and growth in pregnancies with gestational diabetes mellitus. *Diabetes Care*. 2008;31(9):1858-1863.
29. Ortega-Senovilla H, Alvino G, Taricco E, Cetin I, Herrera E. Gestational Diabetes Mellitus Upsets the Proportion of Fatty Acids in Umbilical Arterial but Not Venous Plasma. *Diabetes Care*. 2009;32(1):120-122.
30. Alvarez JJ, Montelongo A, Iglesias A, Lasunción MA, Herrera E. Longitudinal study on lipoprotein profile, high density lipoprotein subclass, and postheparin lipases during gestation in women. *J Lipid Res*. 1996;37(2):299-308.
31. Ramos MP, Crespo-Solans MD, Del Campo S, Cacho J, Herrera E. Fat accumulation in the rat during early pregnancy is modulated by enhanced insulin responsiveness. *Am J Physiol - Endocrinol Metab*. 2003;285(2 48-2):318-328.
32. Rebuffe-Scrive M, Enk L, Crona N. Fat cell metabolism in different regions in women. Effect of menstrual cycle, pregnancy, and lactation. *J Clin Invest*. 1985;75(6):1973-1976.
33. Lasuncion MA, Herrera E. Changes with starvation in the rat of the lipoprotein lipase activity and hydrolysis of triacylglycerols from triacylglycerol-rich lipoproteins in adipose tissue preparations. *Biochem J*. 1983;210(3):639-643.
34. Barbour LA, McCurdy CE, Hernandez TL, Kirwan JP, Catalano PM, Friedman JE. Cellular mechanisms for insulin resistance in normal pregnancy and gestational diabetes. *Diabetes Care*. 2007;30(suppl. 2):1.
35. Langin D. Adipose tissue lipolysis revisited (Again!): Lactate involvement in insulin antilipolytic action. *Cell Metab*. 2010;11(4):242-243.
36. Lafontan M. Historical perspectives in fat cell biology: The fat cell as a model for the investigation of hormonal and metabolic pathways. *Am J Physiol - Cell Physiol*. 2012;302(2):2-3.
37. Davidson M, Liu SX, Barter P. Measurement of LDL-C after treatment with the CETP inhibitor anacetrapib. *J Lipid Res*. 2012;54(November):1-2.
38. Herrera E, Desoye G. Maternal and fetal lipid metabolism under normal and gestational diabetic conditions. *Horm Mol Biol Clin Investig*. 2016;26(2):112.
39. Baz B, Riveline JP, Gautier JF. Gestational diabetes mellitus: Definition, aetiological and clinical aspects. *Eur J Endocrinol*. 2016;174(2):R43-R51.
40. Ferrara A. Increasing prevalence of gestational diabetes mellitus: A public health perspective. *Diabetes Care*. 2007;30(suppl. 2).

41. Lon S. Schneider MD. 需要引用的霍奇金第二肿瘤new England Journal. N Engl J Med. Published online 2015:687-696.
42. Egan AM, Vellinga A, Harreiter J. Epidemiology of gestational diabetes mellitus according to IADPSG/WHO 2013 criteria among obese pregnant women in Europe. In: Diabetologia. Vol 60. Diabetologia; 2017:1913-1921.
43. Care D. Classification and diagnosis of diabetes: Standards of medical care in diabetes. Diabetes Care. 2018;41(January):S13-S27.
44. Plows JF, Stanley JL, Baker PN, Reynolds CM, Vickers MH. The pathophysiology of gestational diabetes mellitus. Int J Mol Sci. 2018;19:7.
45. Weir GC, Laybutt DR, Kaneto H, Bonner-weir S, Sharma A. the Progression of Diabetes. GC Weir and Associates 2001;50(February):1-2.
46. Prentki M, Nolan CJ. Review series Islet b cell failure in type 2 diabetes. J Clin Invest. 2006;116(7):1802.
47. Ashcroft FM, Rohm M, Clark A, Brereton MF. Is Type 2 Diabetes a Glycogen Storage Disease of Pancreatic β Cells? Cell Metab. 2017;26(1):17-23.
48. Yamamoto M, Taniguchi S, Aoyagi K. Domain structure as affected by the uniaxial ferromagnetic anisotropy induced in cubic solid solutions. Phys Rev. 1956;102(5):1295-1297.
49. Rahier J, Guiot Y, Goebbels RM, Sempoux C, Henquin JC. Pancreatic β -cell mass in european subjects with type 2 diabetes. Diabetes, Obes Metab. 2008;10(suppl. 4):32-42.
50. Newman. Trying to understand gestational diabetes P. Bone. 2008;23(1):1-7.
51. Ningsih SR, Subarto CB, Fajarini N. Mengenal dan upaya mengatasi diabetes melitus dalam kehamilan. Yogyakarta: Nuha Medika; 2019.
52. Arikunto S. Prosedur Penelitian : Suatu pendekatan praktik. Jakarta: Rhineka Cipta; 2013.
53. Sugiyono. Metode penelitian kuantitatif, kualitatif, dan R&D. Yogyakarta: alfabeta; 2012.
54. Schrauwen P, Westerterp KR. The role of high-fat diets and physical activity in the regulation of body weight. Br J Nutr. 2000;84(4):417-427.
55. Ninaprilia Z, Kurniawaty E, Wintoko R. Effect extra virgin olive oil and honey of total cholesterol in white rats (rattus norvegicus) male sprague dawley strain induced by high cholesterol diet pengaruh pemberian minyak zaitun ekstra murni dan madu terhadap kadar kolesterol total darah tikus. Kedokt UNILA. 2014;3(3):178-187.

56. Naufalina MD, Nuryanto N. Pengaruh pemberian susu kacang koro pedang (*canavalia ensiformis*) terhadap kadar kolesterol LDL dan HDL pada tikus dislipidemia. *J Nutr Coll.* 2014;3(4):456-464.
57. Tyastirin E. Statistik parametrik untuk penelitian kesehatan. (Pribadi ET, ed.). Program Studi Arsitektur UIN Sunan Ampel; 2017.
58. Amalia Briliansari D, Prijadi B, Ari Nugroho F. Pengaruh pemberian kacang hijau (*phaseolus radiatus L.*) terhadap pencegahan peningkatan kadar glukosa darah pada tikus (*rattus novergicus*) galur wistar bunting. *Maj Kesehat.* 2016;3(1):25-32.
59. Arifin A, Ernawati F, Prihatini M. Hubungan kadar glukosa darah terhadap peningkatan kadar lemak darah pada populasi studi kohor kecamatan bogor tengah 2018. *J Biotek Medisiana Indones.* 2019;8(2):87-93.
60. Purnamasari E, Yerizel E, Efrida E. Pengaruh pemberian aspartam terhadap kadar glukosa darah tikus diabetes melitus diinduksi aloksan. *J Kesehat Andalas.* 2014;3(3):370-375.
61. Ozkan H, Topsakal S, Ozmen O. Investigation of the diabetic effects of maternal high-glucose diet on rats. *Biomed Pharmacother.* 2019;110(October 2018):609-617.
62. Mawarti H, Ratnawati R, Lyrawati D. Epigallocatechin gallate menghambat resistensi insulin pada tikus dengan diet tinggi lemak. *J Kedokt Brawijaya.* 2012;27(1):43-50.
63. Chen Y, Cruzat V, Newsholme P. No Title. In: β -Cell metabolism, insulin production and secretion: metabolic failure resulting in diabetes. London: Academic Press; 2016:29-40. <http://hdl.handle.net/20.500.11937/13811> diakses pada tanggal 12 Oktober 2021 pukul 20.30.
64. Sabarni. Teknik pembuatan gambir (*uncaria gambir roxb*) secara tradisional. Banda aceh: *J Islam Sci Technol.* 2015;1(1):105-112.
65. Tobin M. Abraham, Alison Pedley, Joseph M. Massaro, Udo Hoffman, Caroline. Association between visceral and subcutaneous adipose depots and incident cardiovascular disease risk factors. Framingham: HHS Public Access 2016;176(1):139-148.
66. Mathias JR, Dodd ME, Walters KB, Yoo SK, Erik A, Huttenlocher A. Rat maternal obesity and high fat diet program offspring metabolic syndrome. *Am J Obstet Gynecol.* 2014;211(3):1-13.