

DAFTAR PUSTAKA

1. De Onis, M., Blossner, M., & Borghi, E. Global prevalence and trends of overweight and obesity among preschool children. *The American Journal of Clinical Nutrition*, 2010; 92(5): 1257–1264. doi:10.3945/ajcn.2010.29786
2. Badan Penelitian dan Pengembangan Kesehatan. Kementerian Kesehatan RI Tahun 2013. Riset Kesehatan Dasar 2013.
3. Steinberger, J. Obesity, Insulin Resistance, Diabetes, and Cardiovascular Risk in Children: An American Heart Association Scientific Statement From the Atherosclerosis, Hypertension, and Obesity in the Young Committee (Council on Cardiovascular Disease in the Young) and the Diabetes Committee (Council on Nutrition, Physical Activity, and Metabolism). *Circulation*, 2003; 107(10): 1448–1453. doi:10.1161/01.cir.0000060923.07573.f2
4. Mi, D., Fang, H., Zhao, Y., & Zhong, L. Birth weight and type 2 diabetes: A meta-analysis. *Experimental and Therapeutic Medicine*. 2017; 5313-20. doi:10.3892/etm.2017.5234
5. Julia M, Utari A, Moelyo A.G, Nurrochmah. Konsensus Nasional Pengelolaan DM tipe-2. *Ikatan Dokter Anak Indonesia: UKK Endokrinologi*. 2015
6. American Diabetes Association. Type 2 diabetes in children and adolescents. *Diabetes Care*, 2000; 23(3): 381–389. doi:10.2337/diacare.23.3.381
7. Clark, P., & McDonald, T. Diabetes Mellitus. *The Immunoassay Handbook*, 2013; 783–94. DOI: 10.1016/B978-0-08-097037-0.00064-6
8. Reinehr T. Clinical presentation of type 2 diabetes mellitus in children and adolescents. *International Journal of Obesity*, 2005; 29(S2): S105–S110. doi:10.1038/sj.ijo.0803065
9. Batubara R.L.J. Buku Ajar Endokrinologi. *Ikatan Dokter Anak Indonesia UUK Endokrinologi*. 2017.
10. Reinehr T. Type 2 diabetes mellitus in children and adolescents. *World J Diabetes*. 2013; 4(6): 270-81. doi:10.4239/wjd.v4.i6.270
11. Arslanian, S.A. Type 2 Diabetes Mellitus in Children: Pathophysiology and

- Risk Factors. *Journal of Pediatric Endocrinology and Metabolism*, 2000; 13 (Supplement). doi:10.1515/jpem-2000-s612
12. Pinhas-Hamiel, O., Lerner-Geva, L., Copperman, N.M., & Jacobson, M.S. Lipid and Insulin Levels in Obese Children: Changes with Age and Puberty. *Obesity*, 2007; 15(11): 2825–831. doi:10.1038/oby.2007.335
 13. Weiss, R., Dziura, J., Burgert, T. S., Tamborlane, W. V., Taksali, S. E., Yekkel, C. W., Caprio, S. Obesity and the Metabolic Syndrome in Children and Adolescents. *New England Journal of Medicine*, 2004; 350(23): 2362–374. doi:10.1056/NEJMoa031049
 14. Winer, J. C., Zern, T. L., Taksali, S. E., Dziura, J., Cali, A. M. G., Wollschlager, M., Caprio, S. Adiponectin in Childhood and Adolescent Obesity and Its Association with Inflammatory Markers and Components of the Metabolic Syndrome. *The Journal of Clinical Endocrinology & Metabolism*, 2006; 91(11): 4415–423. doi:10.1210/jc.2006-0733
 15. Rosenbloom, A.L., Silverstein, J.H., Amemiya, S., Zeitler, P., & Klingensmith, G. J. Type 2 diabetes mellitus in the child and adolescent. *Pediatric Diabetes*, 2008; 9(5): 512–26. doi:10.1111/j.1399-5448.2008.00429.x
 16. Damm, P. Future risk of diabetes in mother and child after gestational diabetes mellitus. *International Journal of Gynecology & Obstetrics*, 2009; 104 (Supplement), S25–S26. doi:10.1016/j.ijgo.2008.11.025
 17. American Diabetes Association. Diagnosis and Classification of Diabetes Mellitus. *Diabetes Care*, 2013; 37 (Supplement 1): S81–S90. doi:10.2337/dc14-S081
 18. Leighton, E., Sainsbury, C.A., & Jones, G.C. A Practical Review of C-Peptide Testing in Diabetes. *Diabetes Therapy*, 2017; 8(3): 475–87. doi:10.1007/s13300-017-0265-4
 19. Global Guideline for Type 2 Diabetes. *Diabetes Research and Clinical Practice*, 2014; 104(1): 1–52. doi:10.1016/j.diabres.2012.10.001
 20. Peterson, K., Silverstein J., Kaufman, Francine., Management of Type 2 Diabetes in Youth: An Update. *American Academy of Family Physicians*. 2007; 76 (5): 658-64

21. Craig, M.E., Hattersley, A., & Donaghue, K.C. Definition, epidemiology and classification of diabetes in children and adolescents. *Pediatric Diabetes*, 2009; 10: 3–12. doi:10.1111/j.1399-5448.2009.00568.x
22. Soelistijo, S.A, Suastika, K, Lindarto D., Decroli, E., et. al. Pedoman Pengelolaan dan Pencegahan Diabetes Mellitus Tipe-2 Dewasa di Indonesia. *Perkumpulan Endokrinologi Indonesia*. 2021; Cetakan pertama.
23. Pulungan, A.B., Afifa, I.T., & Annisa, D. Type 2 diabetes mellitus in children and adolescent: an Indonesian perspective. *Annals of Pediatric Endocrinology & Metabolism*, 2018; 23(3): 119–125. doi:10.6065/apem.2018.23.3.119
24. Mottalib, A., Salsberg, V., Mohamed, W., Carolan, P., et.al. Effects of Nutrition Therapy on HbA1c and Cardiovascular Disease Risk Factors in Overweight and Obese Patients with Type-2 Diabetes. *Nutrition Journal*. 2018; 17: 42. doi: 10.1186/s12937-018-0351-0
25. Smart, C., Aslander-van Vliet, E., & Waldron, S. Nutritional management in children and adolescents with diabetes. *Pediatric Diabetes*, 2009; 10: 100–17. doi:10.1111/j.1399-5448.2009.00572.x
26. Muhammed D., Adebiyi Y.H., Odey B.O., Ibrahim J., Hassan O.N., Ugwunnaji P.I., and Berinyuy E.B. Nutritional Management of Diabetes Mellitus: An appraisal of the role of Medicinal plants. *AROC in Natural Product Research*. 2021; 01(01): 001–027. DOI: 10.53858/arocnpr01010127
27. World Health Organization. Global recommendations on physical activity for health. 2010.
28. American Diabetes Association. Standards of Medical Care in Diabetes-2011. *Diabetes Care*, 2010; 34 (Supplement 1): S11–S61. DOI: 10.2337/dc11-S011
29. Kaufman, F.R. Type 2 Diabetes Mellitus in Children and Youth: A New Epidemic. *Journal of Pediatric Endocrinology and Metabolism*, 2002; 15 (Supplement). doi:10.1515/jpem.2002.15.s2.737
30. Gallagher, E.J., Le Roith, D., & Bloomgarden, Z. Review of hemoglobin A1c in the management of diabetes. *Journal of Diabetes*, 2009; 1(1): 9–17. doi:10.1111/j.1753-0407.2009.00009.x
31. Chiarelli, F., Giannini, C., & Mohn, A. Growth, growth factors and diabetes.

- European Journal of Endocrinology*, 2004; 151(Suppl_3): U109–U117.
doi:10.1530/eje.0.151U109
32. Cho, Y.H., Craig, M.E., & Donaghue, K.C. Puberty as an accelerator for diabetes complications. *Pediatric Diabetes*, 2014; 15(1): 18–26.
doi:10.1111/pedi.12112
 33. Springer S.C., Silverstein J., Copeland K., Moore K.R., Prazar G.E., Raymer T, Flinn, S.K. Management of type 2 diabetes mellitus in children and adolescents. *Pediatrics*. 2013; 131(2): e648–e664. DOI: 10.1542/peds.2012-3496
 34. De Ferranti, S.D., Steinberger, J., Ameduri, R., Baker, A., Gooding, H., Kelly, A.S. Cardiovascular Risk Reduction in High-Risk Pediatric Patients: A Scientific Statement From the American Heart Association. *Circulation*. 2019.
doi:10.1161/CIR.0000000000000618
 35. Dunger, D.B., & Cheetham, T.D. Growth Hormone Insulin-Like Growth Factor I Axis in Insulin-Dependent Diabetes mellitus. *Hormone Research*, 1996; 46(1): 2–6. doi:10.1159/000184969
 36. Cameron, F., & Werther, G. Adolescents with Diabetes Mellitus. *Pediatric Diabetes*, 2003; 319–35. doi:10.1007/978-1-4615-0507-5_15
 37. LeBlanc, L.A., Goldsmith, T., & Patel, D.R. Behavioral aspects of chronic illness in children and adolescents. *Pediatric Clinics of North America*, 2003; 50(4): 859–78. doi:10.1016/s0031-3955(03)00072-5
 38. Jellinek M.S., Murphy J.M., Robinson J, et al. Pediatric Symptom Checklist: Screening school-age children for psychosocial dysfunction. *Journal of Pediatrics*. 1988; 112(2): 201–209..
 39. Jellinek, M.S., Murphy, J.M., Little, M., Pagano, M.E., Comer, D.M., & Kelleher, K.J. Use of the Pediatric Symptom Checklist to Screen for Psychosocial Problems in Pediatric Primary Care. *Archives of Pediatrics & Adolescent Medicine*, 1999; 153(3). doi:10.1001/archpedi.153.3.254
 40. Naughton, M.J. Health-Related Quality of Life of Children and Adolescents With Type 1 or Type 2 Diabetes Mellitus. *Archives of Pediatrics & Adolescent Medicine*, 2008; 162(7): 649. doi:10.1001/archpedi.162.7.649



41. Copeland, K.C, Silverstein, J, Moore, K.R, Prazar, G.E, Raymer, T, Shiffman, R.N, Flinn, S. K. Management of Newly Diagnosed Type 2 Diabetes Mellitus (T2DM) in Children and Adolescents. *Pediatrics*. 2013; 131(2): 364–382. DOI: 10.1542/peds.2012-3494.
42. Bragge, P. Screening for Presence or Absence of Diabetic Retinopathy. *Archives of Ophthalmology*. 2011; 129(4): 435. doi: 10.1001/archophtho.2010.319
43. Retinopathy in Youth With Type 2 Diabetes Participating in the TODAY Clinical Trial. *Diabetes Care*, 2013; 36(6): 1772–74. doi:10.2337/dc12-2387
44. Flaxel, C.J., Adelman, R.A., Bailey, S.T., Fawzi, A., Lim, J.I., Vemulakonda, G.A., & Ying, G. Diabetic Retinopathy Preferred Practice Pattern®. *Ophthalmology*. 2019. doi:10.1016/j.ophtha.2019.09.025
45. Donaghue, K.C., Wadwa, R.P., Dimeglio, L.A., Wong, T.Y., Chiarelli, F., Marcovecchio, M.L., Craig, M.E. Microvascular and macrovascular complications in children and adolescents. *Pediatric Diabetes*, 2014; 15(S20): 257–69. doi:10.1111/pedi.12180
46. Flynn, J.T., Kaelber, D.C., Baker-Smith, C.M., Blowey, D., Carroll, A.E., Daniels, S.R. Clinical Practice Guideline for Screening and Management of High Blood Pressure in Children and Adolescents. *Pediatrics*, 2017; 140(3): e20171904. doi:10.1542/peds.2017-1904
47. Katz, L.L., Anderson, B.J., McKay, S.V., Izquierdo, R., Casey, T.L., Higgins, L.A., Nadeau, K.J. Correlates of Medication Adherence in the TODAY Cohort of Youth With Type 2 Diabetes. *Diabetes Care*, 2016; 39(11): 1956–62. doi:10.2337/dc15-2296
48. Sundberg, F., Barnard, K., Cato, A., de Beaufort, C., DiMeglio, L.A., Dooley, G., Hanas, R. Managing diabetes in preschool children. *Pediatric Diabetes*, 2017; 18(7), 499–517. doi:10.1111/pedi.12554
49. American Diabetes Association. Children and Adolescents: Standards of Medical Care in Diabetes–2020. *Diabetes Care*, 2019; 43(Supplement 1): S163–S182. doi:10.2337/dc20-S013
50. Oluma A., Abadiga M., Mosisa G., Etafa W. Magnitude and predictors of poor

glycemic control among patients with diabetes attending public hospitals of Western Ethiopia. *PLoS ONE*. 2021; 16(2): e0247634. <https://doi.org/10.1371/journal.pone.0247634>

51. David, M.N., Kuenen, J., Borg, R., et.al. Translating the A1C Assay Into Estimated Average Glucose Values. *Diabetes care*. 2008; 8: 1473-78. doi: 10.2337/dc08-0545
52. Sherwani et al. Significance of HbA1c Test in Diagnosis and Prognosis of Diabetic Patients. *Biomarker Insights*. 2016; 11: 95–104 doi: 10.4137/Bmi.s38440.
53. Selvin, E., Steffes, M. W., Zhu, H., Matsushita, K., Wagenknecht, L., Pankow, J., Brancati, F.L. Glycated Hemoglobin, Diabetes, and Cardiovascular Risk in Nondiabetic Adults. *New England Journal of Medicine*, 2010; 362(9): 800–811. doi:10.1056/NEJMoa0908359
54. Khaw, K.T. Glycated haemoglobin, diabetes, and mortality in men in Norfolk cohort of European Prospective Investigation of Cancer and Nutrition (EPIC-Norfolk). *BMJ*, 2001; 322(7277): 15–15. doi: 10.1136/bmj.322.7277.15
55. Sunil, B., & Ashraf, A.P. Dyslipidemia in Pediatric Type 2 Diabetes Mellitus. *Current Diabetes Reports*, 2020; 20(10). doi:10.1007/s11892-020-01336-6
56. Maahs, D.M., Daniels, S.R., de Ferranti, S.D., Dichek, H.L., Flynn, J., Goldstein, B.I. Cardiovascular Disease Risk Factors in Youth With Diabetes Mellitus: A Scientific Statement From the American Heart Association. *Circulation*, 2014; 130(17): 1532–1558. doi:10.1161/CIR.0000000000000094
57. Almdal, T., Scharling, H., Jensen, J.S., & Vestergaard, H. The Independent Effect of Type 2 Diabetes Mellitus on Ischemic Heart Disease, Stroke, and Death. *Archives of Internal Medicine*, 2004; 164(13): 1422. doi:10.1001/archinte.164.13.1422
58. Diani, A., Pulungan, A.B. Tata laksana metformin Diabetes Mellitus tipe-2 pada anak dibandingkan dengan obat anti diabetes oral yang lain. 2010; 11(2): 395-400.
59. Fu, J.-F., Liang, L., Zou, C.C., Hong, F., Wang, C.L., Wang, X.M., & Zhao, Z.Y. Prevalence of the metabolic syndrome in Zhejiang Chinese obese children and adolescents and the effect of metformin combined with lifestyle

- intervention. *International Journal of Obesity*, 2006; 31(1): 15–22. doi:10.1038/sj.ijo.0803453
60. Srinivasan, S., Ambler, G. R., Baur, L.A., Garnett, S.P., Tepsa, M., Yap, F., Cowell, C.T. Randomized, Controlled Trial of Metformin for Obesity and Insulin Resistance in Children and Adolescents: Improvement in Body Composition and Fasting Insulin. *The Journal of Clinical Endocrinology & Metabolism*, 2006; 91(6): 2074–80. doi:10.1210/jc.2006-0241
 61. Garcia-Perez, L.E., Alvarez, M., Dilla, T., Gil-Guillen, V., & Orozco-Beltran, D. Adherence to Therapies in Patients with Type 2 Diabetes. *Diabetes Therapy*, 2013; 4(2): 175–94. doi:10.1007/s13300-013-0034-y
 62. Kraus, W.E., Janz, K.F., Powell, K.E., Campbell, W.W., Jakicic, J.M., Troiano, R.P., Piercy, K.L. Daily Step Counts for Measuring Physical Activity Exposure and Its Relation to Health. *Medicine & Science in Sports & Exercise*, 2019; 51(6): 1206–12. doi:10.1249/MSS.0000000000001932
 63. Pulungan A.B., Puspitadewi A., Sekartini R. Prevalence of insulin resistance in obese adolescents. *Paediatrica Indonesiana*. 2013; 53: 167-72
 64. Bray, G.A., & Greenway, F.L. Pharmacological Treatment of the Overweight Patient. *Pharmacological Reviews*, 2007; 59(2): 151–84. doi:10.1124/pr.59.2.2
 65. Diabetes Prevention Program. Long-Term Safety, Tolerability, and Weight Loss Associated With Metformin in the Diabetes Prevention Program Outcomes Study. *Diabetes Care*, 2012; 35(4): 731–37. doi:10.2337/dc11-1299
 66. Rachmadi, D., Sekarwana, N., Hilmanto, D., Garna, H., Nefropati diabetikum dalam Buku Ajar Anak. *Badan Penerbit Ikatan Dokter Anak Indonesia*, 2017; edisi ketiga.
 67. Gross, J. L., de Azevedo, M. J., Silveiro, S. P., Canani, L. H., Caramori, M. L., & Zelmanovitz, T. Diabetic Nephropathy: Diagnosis, Prevention, and Treatment. *Diabetes Care*, 2004; 28(1): 164–176.
 68. Bogdanovic, R. Diabetic nephropathy in children and adolescents. *Pediatric Nephrology*, 2007; 23(4): 507–25. doi:10.1007/s00467-007-0583-2
 69. Schreiber, A.K. Diabetic neuropathic pain: Physiopathology and treatment.



World Journal of Diabetes, 2015; 6(3): 432. doi:10.4239/wjd.v6.i3.432

70. Bansal, V. Diabetic neuropathy. *Postgraduate Medical Journal*, 2006; 82(964): 95–100. doi:10.1136/pgmj.2005.036137
71. Varni, J.W., Burwinkle, T.M., & Seid, M. The PedsQL™ as a pediatric patient-reported outcome: reliability and validity of the PedsQL™ Measurement Model in 25,000 children. *Expert Review of Pharmacoeconomics & Outcomes Research*, 2005; 5(6): 705–19. doi:10.1586/14737167.5.6.705
72. Lustig H., Prosser L.A., Songer T.J., et al. Health-Related Quality of Life in Adolescents With or at Risk for Type 2 Diabetes Mellitus. *Journal of Pediatric*. 2012; 160(6): 911–917. doi:10.1016/j.jpeds.2011.11.026