

DAFTAR PUSTAKA

1. ADA. Classification and Diagnosis of Diabetes : Standards of Medical Care in Diabetes d 2018. Am Diabetes Assoc. 2018;41(January):13–27.
2. Mayer-davis EJ, Dabelea D, Kahkoska AR, Jefferies C, Balde N, Gong CX, et al. ISPAD Clinical Practice Consensus Guidelines 2018 : Definition , epidemiology , and classification of diabetes in children and adolescents. 2018;19(June):7–19.
3. Katsarou A, Gudbjörnsdottir S, Rawshani A, Dabelea D, Bonifacio E, Anderson BJ, et al. Type 1 diabetes melitus. Nat Publ Gr. 2017;3:1–18.
4. Rawshani A, Sattar N, Franzén S, Rawshani A, Hattersley AT, Svensson A, et al. Excess mortality and cardiovascular disease in young adults with type 1 diabetes in relation to age at onset : a nationwide , register-based cohort study. Elsevier Ltd. 2018;392:453.
5. Ezebgogu M, Abdulsalam K. Glycated Haemoglobin (HbA1C): An Update on Available Methods. 2018;(July):8–14.
6. Donaghue KC, Marcovecchio L, Wadwa RP, Chew EY, Wong T. Microvascular and macrovascular complications in children and adolescents. ISPAD Clin Pract Consens Guidel 2018. 2018; Suppl 27:262-274
7. Zabeen B, Nahar J, Islam N, Azad K, Donaghue K. Risk Factors Associated with Microalbuminuria in Children and Adolescents with Diabetes in Bangladesh. Indian J Endocrinol Metab. 2018;85–8.
8. Batubara JR. diabetes control in Indonesia. *Pediatr Indones*. 2002;42(11):280–6.
9. Himawan IW, Pulungan AB, Tridjaja B, Batubara JRL,. Komplikasi jangka pendek dan jangka panjang diabetes mellitus tipe I. *Sari Pediatri*. 2009;10(6):367-72.
10. Lind M, Pivodic A, Svensson A, Ólafsdóttir AF, Wedel H, Ludvigsson J. HbA 1c level as a risk factor for retinopathy and nephropathy in children and adults with type 1 diabetes : Swedish population based cohort study. *Br Med J*. 2019;
11. Ogurtsova K, Rocha JD, Huang Y, Linnenkamp U, Guariguata L. IDF Diabetes Atlas : Global estimates for the prevalence of diabetes for 2015 and 2040. *Diabetes Res Clin Pract*. 2017;128:40–50.
12. Dickson K. Prevalence of diabetes and its associated risk factors in south-western Uganda. *African J Diabetes Med*. 2016;24(1):15–7.
13. International Diabetes Federation. *IDF Diabetes Atlas 10th Edition*. 2021.
14. Reinehr T. Type 2 diabetes melitus in children and adolescents. *World J Diabetes*. 2013;4(6):270–81.
15. Rodriguez BL, Fujimoto WY, Mayer-Davis EJ, Imperatore G, Williams DE, Bell RA, et al. Prevalence of Cardiovascular Disease Risk Factors in U.S Children and Adolescents with Diabetes. *Diabetes Care*. 2006;29(8):1891–6.
16. Wabitsch M, Hauner H, Hertrampf M, Mucbe R, Hay B, Mayer H, et al. Type II diabetes melitus and impaired glucose regulation in Caucasian children and adolescents with obesity living in Germany. *Int J Obes*. 2004;307–13.
17. Copeland KC, Zeitler P, Geffner M, Guandalini C, Higgins J, Hirst K, et al. Characteristics of Adolescents and Youth with at Baseline. *J Clin Endocrinol Metab*. 2011;96(January 2011):159–67.
18. Liu LL, Lawrence JM, Davis C, Liese AD, Pettitt DJ, Pihoker C, et al. Prevalence of overweight and obesity in youth with diabetes in USA: the SEARCH for Diabetes in Youth Study. *Pediatr Diabetes [Internet]*. 2010 Feb;11(1):4–11. Available from: <https://onlinelibrary.wiley.com/doi/10.1111/j.1399-5448.2009.00519.x>
19. Reinehr T, Kiess W, Kapellen T, Wiegand S, Holl RW. Children with diabetes melitus type 2 in Europe : an underserved population. *Br Med J*. 2010;95(11):2009–10.
20. Owada M, Hanaoka Y, Tanimoto Y, Kitagawa T. Descriptive Epidemiology of Non-

- Insulin Dependent Diabetes Melitus Detected by Urine Glucose Screening in School Children in Japan. *Acta Paediatr Japan*. 1990;716–24.
21. Fagot-campagna A, Narayan K MV, Hanson RL, Imperatore G, Howard B V, Nelson RG, et al. Plasma lipoproteins and incidence of non-insulin-dependent diabetes melitus in Pima Indians : protective effect of HDL cholesterol in women. *Atherosclerosis*. 1997;128:113–9.
 22. Reinehr T. Lifestyle intervention in childhood obesity: changes and challenges. *Nat Publ Gr*. 2013;1–8.
 23. Pulungan AB, Annisa D, Imada S, Kedokteran F, Indonesia U, Pulungan AB, et al. Diabetes Melitus Tipe-1 pada Anak : Situasi di Indonesia dan Tata Laksana. 2019;20(6).
 24. P2PTM Kemenkes RI. Anak Juga Bisa Diabetes [Internet]. KEMENTERIAN KESEHATAN REPUBLIK INDONESIA. 2018. Available from: <http://p2ptm.kemkes.go.id/kegiatan-p2ptm/dki-jakarta/anak-juga-bisa-diabetes>
 25. Pulungan AB, Fadiana G, Annisa D. Type 1 diabetes melitus in children: Experience in Indonesia. *Clin Pediatr Endocrinol*. 2021;30(1):11–8.
 26. Orsi C, Rayas M, Hutchins J, Escaname E. Pediatrics Tpe 2 Diabetes Melitus. In: *Recent Advances in Pediatric Medicine : Synopsis of General Pediatric Practice*. Bentham Science Publishers; 2017. p. 105–16.
 27. DiMeglio LA, Acerini CL, Codner E, Craig ME, Hofer SE, Pillay K, et al. Glycemic control targets and glucose monitoring for children, adolescents, and young adults with diabetes. *ISPAD Clin Pract Consens Guidel* 2018. 2018; 19(S27), 105–114.
 28. Kiconco R, Rugera SP, Kiwanuka GN. Microalbuminuria and Traditional Serum Biomarkers of Nephropathy among Diabetic Patients at Mbarara Regional Referral Hospital in South Western Uganda. *Creat Commons Attribution Licens*. 2019;2019.
 29. Magagnotti C, Zerbini G, Fermo I, Mary R. Identification of nephropathy predictors in urine from children with a recent diagnosis of type 1 diabetes. *J Proteomics*. 2018;(June):1–12.
 30. Wagnew F, Eshetie S, Kibret GD, Zegeye A, Dessie G, Mulugeta H. Diabetic nephropathy and hypertension in diabetes patients of sub - Saharan countries : a systematic review and meta - analysis. *BMC Res Notes*. 2018;1–7.
 31. Graves LE, Donaghue KC. Management of diabetes complications in youth. *Creat Commons Attribution-Non Commer 40 Licens*. 2019;1–12.
 32. Tuttle KR. Back to the Future : Glomerular Hyperfiltration and the Diabetic Kidney. *The Diabetes Journals*. 2017;66(January):14–6.
 33. Gan T, Liao B, Xu G. The clinical usefulness of glycated albumin in patients with diabetes and chronic kidney disease : Progress and challenges. *J Diabetes Complications*. 2018;15–23.
 34. IDAI. *Kompedium Nefrologi Anak*. Bandung; 2011.
 35. Pardede SO. Nefropati Diabetik pada Anak. *Sari Pediatr*. 2008;10(1).
 36. Cravedi P, Remuzzi G. Pathophysiology of proteinuria and its value as an outcome measure in chronic kidney disease. *Br J Clin Pharmacol*. 2013;76(4):516–23.
 37. Greenberg S, Shenhar-tsarfaty S, Rogowski O, Shapira I, Zeltser D, Weinstein T, et al. Exercise-induced albuminuria is related to metabolic syndrome. *Am J Ren Physiol*. 2016;80:1192–6.
 38. Miller KM, Foster NC, Beck RW, Bergenstal RM, Dubose SN, Dimeglio LA, et al. Current State of Type 1 Diabetes Treatment in the U.S : Updated Data From the T1D Exchange Clinic Registry. *Am Diabetes Assoc*. 2015;38(June):971–8.
 39. Carlsen S, Skriverhaug T, Thue G, Jg C, Gøransson L, Løvaas K. Glycemic control and complications in patients with type 1 diabetes – a registry-based longitudinal study of adolescents and young adults. *Int Soc Pediatr Adolesc Diabetes*. 2016;(January):1–8.

40. ADA. Glycemic Targets : Standards of Medical Care in Diabetes 2018. Am Diabetes Assoc. 2018;41(January):55–64.
41. Type 1 diabetes in adults : diagnosis and management. Natl Inst Heal Care Excell. 2021;(December 2020):1–50.
42. Bahar A, Makhluogh A, Yousefi A, Kashi Z, Abediankenari S. Correlation Between Prediabetes Conditions and Microalbuminuria. Nephrol Urol Res Cent. 2013;(September 2014):741–4.
43. Kalaitzidis R, Bakris G. Pathogenesis and Treatment of Microalbuminuria in Patients With Diabetes : The Road Ahead. Vol. 11. 2009.
44. Shi Y, Duan JY, Liu DW, Qiao YJ, Han QX, Pan SK, et al. Helicobacter pylori Infection is Associated with Occurrence of Proteinuria in Type 2 Diabetes Patients : A Systemic Review and Meta - Analysis. Chin Med J (Engl). 2018;131(22).
45. Huang C, Ting W, Lo F. Factors associated with diabetic nephropathy in children, adolescents, and adults with type 1 diabetes. J Formos Med Assoc. 2017;
46. Bilgi M, Keser A, Katlandur H, Sahin E, Kalkan AO, Yildiz M, et al. Evaluation of the Relationship Between Microalbuminuria and Urine Ischemia-Modified Albumin Levels in Patients with Diabetic Nephropathy. J Clin Lab Anal. 2016;6(June):1–6.
47. Forlenza GP, Pinhas-hamiel O, Liljenquist DR, Shulman DI, Bailey TS, Bode BW, et al. Safety Evaluation of the MiniMed 670G System in Children 7 – 13 Years of Age with Type 1 Diabetes. Diabetes Technol Ther. 2019;21(1):1–9.
48. Ek AE, Samuelsson U, Jansson A, Carlsson A, Elimam A. Microalbuminuria and Retinopathy in adolescents and young adults with type 1 and type 2 diabetes. Natl Diabetes Regist. 2014;1–35.
49. Viteri B, Reid-Adam J. Hematuria and proteinuria in children. Pediatr Rev. 2018;39(12):573–85.
50. Pusat Data dan Informasi Kementerian Kesehatan RI. Tetap Produktif, Cegah dan Atasi Diabete Melitus. 2020.
51. Diaz-Valencia PA, Bougnères P, Valleron AJ. Global epidemiology of type 1 diabetes in young adults and adults: A systematic review. BMC Public Health. 2015;15(1).
52. Sherry NA, Tsai EB, Herold KC. Natural History of β -Cell Function in Type 1 Diabetes. American Diabetes Association. 2005;54:32-9.
53. Koebnick C, Giuseppina MS, Elizabeth I, Stafford JM, Amy MS, Mottl MSAK, et al. Progression to hypertension in youth and young adults with type 1 or type 2 diabetes : The SEARCH for Diabetes in Youth Study. J Clin Hypertens, 2020;(October 2019):1–9.
54. Parchwani D, Upadhyah A. Diabetic nephropathy: Progression and pathophysiology. Int J Med Sci Public Heal. 2012;1(2):59.
55. Flynn JT, Falkner BE. New clinical practice guideline for the management of high blood pressure in children and adolescents. Hypertension. 2017;70(4):683–6.
56. Dabelea D, Stafford JM, Mayer-Davis EJ, D'Agostino R, Dolan L, Imperatore G, et al. Association of type 1 diabetes vs type 2 diabetes diagnosed during childhood and adolescence with complications during teenage years and young adulthood. JAMA - J Am Med Assoc. 2017;317(8):825–35.
57. Cherubini V, Grimsmann JM, Åkesson K, Birkebæk NH, Cinek O, Dovč K, et al. Temporal trends in diabetic ketoacidosis at diagnosis of paediatric type 1 diabetes between 2006 and 2016: results from 13 countries in three continents. Diabetologia. 2020;63(8):1530–41.
58. Castellanos L, Tuffaha M, Koren D, Levitsky LL. Management of Diabetic Ketoacidosis in Children and Adolescents with Type 1 Diabetes Melitus. Pediatr Drugs [Internet]. 2020;22(4):357–67. Available from: <https://doi.org/10.1007/s40272-020-00397-0>

59. Taha Z, Eltoum Z, Washi S. Predictors of Glucose Control in Children and Adolescents with Type 1 Diabetes : Results of a Cross - Sectional Study in. *Maced J Med Sci.* 2018;1–5.
60. Eliadarous H. Exploring the impact of diabetes in Sudan: Out of pocket expenditure and social consequences of diabetes on patients and their families. 2017.
61. Vajravelu ME, Lee JM. Identifying Prediabetes and Type 2 Diabetes in Asymptomatic Youth: Should HbA1c Be Used as a Diagnostic Approach?. *Current Diabetes Reports.* 2018; 7:1-10
62. Ramaphane T, Gezmu AM, Tefera E, Gabaitiri L, Nchingane S, Matsheng-Samuel M, et al. Prevalence and factors associated with microalbuminuria in pediatric patients with type 1 diabetes melitus at a large tertiary-level hospital in botswana. *Diabetes, Metab Syndr Obes Targets Ther.* 2021;14(October):4415–22.
63. Klemens R, Angela G, Sabine H, Antje H, Desiree D, Petra B, et al. Diabetic Nephropathy in 27,805 Children, Adolescents, and Adults With Type 1 Diabetes. *Epidemiol / Heal Serv Res.* 2007;30(10):2523–8.
64. Mottl AK, Kwon KS, Mauer M, Mayer-Davis EJ, Hogan SL, Kshirsagar A V. Normoalbuminuric diabetic kidney disease in the U.S. population. *J Diabetes Complications* [Internet]. 2013;27(2):123–7. Available from: <http://dx.doi.org/10.1016/j.jdiacomp.2012.09.010>
65. Lovshin JA, Škrtić M, Bjornstad P, Moineddin R, Daneman D, Dunger D, et al. Hyperfiltration, urinary albumin excretion, and ambulatory blood pressure in adolescents with Type 1 diabetes melitus. *Am J Physiol - Ren Physiol.* 2018;314(4):F667–74.
66. Jagadeeshaprasd MG, Venkatasubramani V, Unnikrishnan AG, Kulkarni MJ. Abumin Abundance and Its Glycation Status Determine Hemoglobin Glycation. *ACS Omega.* 2018;3:12999-3008.
67. Al-agma AE, Ocheltree A, Hakeem A. Occurrence of Microalbuminuria among Children and Adolescents with Insulin-Dependent Diabetes Melitus. *Saudi J Kidney Dis Transplant.* 2013;24(6):1180–8.
68. Schultz CJ, Konopelska-Bahu T, Dalton RN, Carroll TA, Stratton I, Gale EA, et al. Microalbuminuria Prevalence Varies with Age, Sex, and Puberty in Children with type 1 diabetes followed from Diagnosis in a Longitudinal Study. *Diabetes Care.* 1999;22(3):495–502.
69. Ph G, Mk B, Frazer F, Ar L, Ea D, Tw J. Prevalence and risk factors for microalbuminuria in a population-based sample of children and adolescents with T1DM in Western Australia. 2006;(15):165–72.
70. Svensson M, Nystrom L, Schon S, Dahlquist G. Age at Onset of Childhood-Onset Type 1 Diabetes and the Development of End-Stage Renal Disease. *Diabetes Care.* 2006;
71. Vaidya VS, Niewczas MA, Ficociello LH, Johnson AC, Collings FB, Warram JH, et al. Regression of microalbuminuria in type 1 diabetes is associated with lower levels of urinary tubular injury biomarkers, kidney injury molecule-1, and N-acetyl- β -D-glucosaminidase. *Natl Inst Heal.* 2011;79(4):464–70.
72. Razavi Z, Momtaz HE, Sahari S. Frequency of Microalbuminuria in Type 1 Diabetic Children. *Iran J Pediatr.* 2009;19(4):404–8.
73. Kavthekar SO, Mali VT, Verma S, Kurane AB, Patil NB, Kulkarni SP. Evaluation of Microalbuminuria and Glycosylated Hemoglobin in the Assessment of Diabetes Control in Children with Type 1 Diabetes Melitus Hospitalized with Diabetic Ketoacidosis. *J Compr Pediatr.* 2021;12(2):1–4.
74. Fang M, Selvin E. Thirty-Year trends in Complications in U.S Adults with Newly Diagnosed Type 2 Diabetes. *Diabetes Care.* 2021;44(3):699-706.

75. Gonzalez-Perez A, Saez ME, Vizcaya D, Lind M, Rodriguez LAG. Impact of chronic kidney disease definition on assessment of its incidence and risk factors in patients with newly diagnosed type 1 and 2 diabetes in the UK: A cohort study using primary care data from the United Kingdom. *Primary Care Diabetes*. 2019;1-7.
76. Muddu M, Mutebi E, Ssinabulya I, Kizito S, Mulindwa F, Kiiza CM. Utility of albumin to creatine ratio in screening for microalbuminuria among newly diagnosed diabetic patients in Uganda: a cross sectional study. *African Health Science*. 2019;19:1607-16.
77. Lubwama SK, Angelina KM, Thereza P, Anthony B, Nyangabyaki C. Prevalence and factors associated with microalbuminuria in children and adolescents with type 1 diabetes in Mulago and Nsambya Hospital in Uganda. *Makerere University College of Health Sciences*. 2022;3:1-104.

