

## DAFTAR PUSTAKA

- American Diabetes Association. 2014. Diagnosis and classification of diabetes mellitus. *Diabetes Care*, 37(SUPPL.1).
- Bowden, S.A. 2017. Partial Remission (honeymoon phase) in Type 1 Diabetes Mellitus. *Front Clin Drug Res - Diabetes Obes*, 4: 1–20.
- Burr, J.F., Rowan, C.P., Jamnik, V.K., Riddell, M.C. 2010. The role of physical activity in type 2 diabetes prevention: physiological and practical perspectives. *Phys Sportsmed*, 38(1): 72–82.
- Care, D., Suppl, S.S. 2021. Children and adolescents: Standards of medical care in diabetes—2021. *Diabetes Care*, 44(January): S180–S199.
- Care, D., Suppl, S.S. 2018. Children and adolescents: Standards of medical care in Diabetes2018. *Diabetes Care*, 41(January): S126–S136.
- Chen, Y., Liu, Q., Guo, D. 2020. Emerging coronaviruses: Genome structure, replication, and pathogenesis. *J Med Virol*, 92(4): 418–423.
- Choudhary, A., Adhikari, S., White, P.C. 2022. Impact of the COVID-19 pandemic on management of children and adolescents with Type 1 diabetes. *BMC Pediatr*, 22(1): 1–7.
- Cody, D. 2007. Infant and toddler diabetes. *Arch Dis Child*, 92(8): 716–719.
- Deeb, A. 2017. Challenges of Diabetes Management in Toddlers. *Diabetes Technol Ther*, 19(7): 383–390.
- Donaghue, K.C., Marcovecchio, M.L., Wadwa, R.P., Chew, E.Y., Wong, T.Y., Calliari, L.E., Zabeen, B., Salem, M.A., Craig, M.E. 2018. ISPAD Clinical Practice Consensus Guidelines 2018: Microvascular and macrovascular complications in children and adolescents. *Pediatr Diabetes*, 19: 262–274.
- Dumrisilp, T., Supornsilchai, V., Wacharasindhu, S., Aroonparkmongkol, S., Sahakitrungruang, T. 2017. Factors associated with glycemic control in children and adolescents with type 1 diabetes mellitus at a tertiary-care center in Thailand: A retrospective observational study. *Asian Biomed*, 11(6): 443–450.
- Eiselein, L., Schwartz, H.J., Rutledge, J.C. 2004. The challenge of type 1 diabetes mellitus. *ILAR J*, 45(3): 231–236.
- Elhenawy, Y.I., Eltonbary, K.Y. 2021. Glycemic control among children and adolescents with type 1 diabetes during COVID-19 pandemic in Egypt: a pilot study. *Int J Diabetes Dev Ctries*, 41(3): 389–395.
- Fares, J.E., Kanaan, M., Chaaya, M., Azar, S.T. 2010. Fluctuations in glycosylated hemoglobin (HbA1C) as a predictor for the development of diabetic nephropathy in type 1 diabetic patients. *Int J Diabetes Mellit*, 2(1): 10–14.
- Fernández, E., Cortazar, A., Bellido, V. 2020. Impact of COVID-19 lockdown on glycemic control in patients with type 1 diabetes. *Diabetes Res Clin Pract*,

166.

- Fisher, E., Lazar, L., Shalitin, S., Yackobovitch-Gavan, M., De Vries, L., Oron, T., Tenenbaum, A., Phillip, M., Lebenthal, Y. 2018. Association between Glycemic Control and Clinic Attendance in Emerging Adults with Type 1 Diabetes: A Tertiary Center Experience. *J Diabetes Res*, 2018.
- Fox, D.A., Islam, N., Amed, S. 2018. Type 1 diabetes outcomes: Does distance to clinic matter? *Pediatr Diabetes*, 19(7): 1331–1336.
- Haller, M.J., Atkinson, M.A., Schatz, D. 2005. Type 1 diabetes mellitus: Etiology, presentation, and management. *Pediatr Clin North Am*, 52(6): 1553–1578.
- Harapan, H., Itoh, N., Yufika, A., Winardi, W., Keam, S., Te, H., Megawati, D., Hayati, Z., Wagner, A.L., Mudatsir, M. 2020. Coronavirus disease 2019 (COVID-19): A literature review. *J Infect Public Health*, 13(5): 667–673.
- Hartmann-Boyce, J., Morris, E., Goyder, C., Kinton, J., Perring, J., Nunan, D., Mahtani, K., Buse, J.B., Del Prato, S., Ji, L., Roussel, R., Khunti, K. 2020. Diabetes and COVID-19: Risks, management, and learnings from other national disasters. *Diabetes Care*, 43(8): 1695–1703.
- Hirsch, I.B., Welsh, J.B., Calhoun, P., Puhr, S., Walker, T.C., Price, D.A. 2019. Associations between HbA1c and continuous glucose monitoring-derived glycaemic variables. *Diabet Med*, 36(12): 1637–1642.
- Huang, X., Wei, F., Hu, L., Wen, L., Chen, K. 2020. Epidemiology and clinical characteristics of COVID-19. *Arch Iran Med*, 23(4): 268–271.
- IDAI. 2010. *Diagnosis dan Tata Laksana Diabetes Mellitus Tipe-I pada Anak dan Remaja*. Jakarta: Badan penerbit Ikatan Dokter Anak Indonesia.
- IDAI. 2015. *Konsensus Nasional Pengelolaan Diabetes Mellitus Tipe 1*. B. Tridjaja, N. P. Yati, M. Faizi, N. Marzuki, A. G. Moelyo, & F. Soesanti, eds. Badan Penerbit Ikatan Dokter Anak Indonesia.
- IDF. 2015. *Diabetes Atlas*. 7th ed. Internasional Diabetes Federation.
- Jefferies, C.A., Nakhla, M., Derraik, J.G.B., Gunn, A.J., Daneman, D., Cutfield, W.S. 2015. Preventing Diabetic Ketoacidosis. *Pediatr Clin North Am*, 62(4): 857–871.
- Kanbara, S., Taniguchi, H., Sakaue, M., Wang, D.H., Takaki, J., Yajima, Y., Naruse, F., Kojima, S., Sauriasari, R., Ogino, K. 2008. Social support, self-efficacy and psychological stress responses among outpatients with diabetes in Yogyakarta, Indonesia. *Diabetes Res Clin Pract*, 80(1): 56–62.
- Katsarou, A., Gudbjörnsdóttir, S., Rawshani, A., Dabelea, D., Bonifacio, E., Anderson, B.J., Jacobsen, L.M., Schatz, D.A., Lernmark, Å. 2017. Type 1 diabetes mellitus. *Nat Rev Dis Prim*, 3(1): 17016.
- Kido, Y., Nakae, J., Accili, D. 2001. Clinical review 125: The insulin receptor and its cellular targets. *J Clin Endocrinol Metab*, 86(3): 972–979.
- Koliaki, C., Tentolouris, A., Eleftheriadou, I., Melidonis, A., Dimitriadis, G.,

- Tentolouris, N. 2020. Clinical management of diabetes mellitus in the era of covid-19: Practical issues, peculiarities and concerns. *J Clin Med*, 9(7): 1–25.
- Kshanti, I.A., Epriliawati, M., Mokoagow, M.I., Nasarudin, J., Magfira, N. 2021. The Impact of COVID-19 Lockdown on Diabetes Complication and Diabetes Management in People With Diabetes in Indonesia. *J Prim Care Community Heal*, 12.
- Lawrence, N., Natarajan, A., Petkar, R., Joseph, L. 2021. a Retrospective Review At a Large Hospital. , 10(2): 1–7.
- Lazzeroni, P., Motta, M., Monaco, S., Laudisio, S., Furoncoli, D., Maffini, V., Rubini, M., Tchana, B., Ruberto, C., Dodi, I., Iovane, B. 2021. Improvement in glycaemic control in paediatric and young adult type 1 diabetes patients during covid-19 pandemic: Role of telemedicine and lifestyle changes. *Acta Biomed*, 92(5).
- Little, R.R., Rohlfing, C., Sacks, D.B. 2019. The national glycohemoglobin standardization program: Over 20 years of improving hemoglobin A1c measurement. *Clin Chem*, 65(7): 839–848.
- MacMillan, F., Kirk, A., Mutrie, N., Matthews, L., Robertson, K., Saunders, D.H. 2014. A systematic review of physical activity and sedentary behavior intervention studies in youth with type 1 diabetes: study characteristics, intervention design, and efficacy. *Pediatr Diabetes*, 15(3): 175–189.
- Mohammad, H., Farghaly, H., Metwally, K., Monazea, E., Abd El-Hafeez, H. 2012. Predictors of glycemic control in children with Type 1 diabetes mellitus in Assiut-Egypt. *Indian J Endocrinol Metab*, 16(5): 796.
- NIDDK. 2014. Nephrotic Syndrome in Adults. *Natl Inst Diabetes Dig Kidney Dis*.
- Nile, S.H., Nile, A., Qiu, J., Li, L., Jia, X., Kai, G. 2020. COVID-19: Pathogenesis, cytokine storm and therapeutic potential of interferons. *Cytokine Growth Factor Rev*, 53: 66–70.
- Nwakwo, G.C. 2016. Consequences of sudden onset natural disaster on the management of diabetes: A Systematic Review.
- Nwosu, B.U., Al-Halbouni, L., Parajuli, S., Jasmin, G., Zitek-Morrison, E., Barton, B.A. 2021. COVID-19 Pandemic and Pediatric Type 1 Diabetes: No Significant Change in Glycemic Control During The Pandemic Lockdown of 2020. *Front Endocrinol (Lausanne)*, 12(August): 1–7.
- Pessin, J.E., Saltiel, A.R. 2000. Signaling pathways in insulin action: Molecular targets of insulin resistance. *J Clin Invest*, 106(2): 165–169.
- Pettitt, D.J., Talton, J., Dabelea, D., Divers, J., Imperatore, G., Lawrence, J.M., Liese, A.D., Linder, B., Mayer-Davis, E.J., Pihoker, C., Saydah, S.H., Standiford, D.A., Hamman, R.F. 2014a. Prevalence of diabetes in U.S. Youth in 2009: The SEARCH for diabetes in youth study. *Diabetes Care*, 37(2): 402–408.



- Pettitt, D.J., Talton, J., Dabelea, D., Divers, J., Imperatore, G., Lawrence, J.M., Liese, A.D., Linder, B., Mayer-Davis, E.J., Pihoker, C., Saydah, S.H., Standiford, D.A., Hamman, R.F. 2014b. Prevalence of diabetes in U.S. Youth in 2009: The SEARCH for diabetes in youth study. *Diabetes Care*, 37(2): 402–408.
- Phelan, H., Lange, K., Cengiz, E., Gallego, P., Majaliwa, E., Pelicand, J., Smart, C., Hofer, S.E. 2018. ISPAD Clinical Practice Consensus Guidelines 2018: Diabetes education in children and adolescents. *Pediatr Diabetes*, 19: 75–83.
- Predieri, B., Leo, F., Candia, F., Lucaccioni, L., Madeo, S.F., Pugliese, M., Vivaccia, V., Bruzzi, P., Iughetti, L. 2020. Glycemic Control improvement in Italian Children and Adolescents with Type 1 Diabetes followed through Telemedicine during Lockdown due to the COVID-19 Pandemic. *Front Endocrinol (Lausanne)*, 11: 965.
- Riskesdas. 2013. *Riset Kesehatan Dasar*. Jakarta: Balitbang Kemenkes RI.
- Ruijsen, M.M., Regeer, H., Landstra, C.P., Schroijen, M., Jazet, I., Nijhoff, M.F., Pijl, H., Ballieux, B.E.P.B., Dekkers, O., Huisman, S.D., De Koning, E.J.P. 2021. Increased stress, weight gain and less exercise in relation to glycemic control in people with type 1 and type 2 diabetes during the COVID-19 pandemic. *BMJ Open Diabetes Res Care*, 9(1).
- Samuel, V.T., Petersen, K.F., Shulman, G.I. 2010. Lipid-induced insulin resistance: unravelling the mechanism. *Lancet*, 375(9733): 2267–2277.
- Santoso, A., Pranata, R., Wibowo, A., Al-Farabi, M.J., Huang, I., Antariksa, B. 2021. Cardiac injury is associated with mortality and critically ill pneumonia in COVID-19: A meta-analysis. *Am J Emerg Med*, 44(January): 352–357.
- Schwartz, M.W., Porte, D. 2005. Diabetes, Obesity, and the Brain. *Science (80- )*, 307(5708): 375–379.
- Shah, N., Karguppikar, M., Bhor, S., Ladkat, D., Khadilkar, V., Khadilkar, A. 2021. Impact of lockdown for COVID-19 pandemic in Indian children and youth with type 1 diabetes from different socio-economic classes. *J Pediatr Endocrinol Metab*, 34(2): 217–223.
- Song, F., Shi, N., Shan, F., Zhang, Z., Shen, J., Lu, H., Ling, Y., Jiang, Y., Shi, Y. 2020. Emerging 2019 novel coronavirus (2019-NCoV) pneumonia. *Radiology*, 295(1): 210–217.
- Susilo, A., Rumende, C.M., Pitoyo, C.W., Santoso, W.D., Yulianti, M., Herikurniawan, H., Sinto, R., Singh, G., Nainggolan, L., Nelwan, E.J., Chen, L.K., Widhani, A., Wijaya, E., Wicaksana, B., Maksum, M., Annisa, F., Jasirwan, C.O.M., Yunihastuti, E. 2020. Coronavirus Disease 2019: Tinjauan Literatur Terkini. *J Penyakit Dalam Indones*, 7(1): 45.
- Tornese, G., Ceconi, V., Monasta, L., Carletti, C., Faleschini, E., Barbi, E. 2020a. Glycemic control in type 1 diabetes mellitus during COVID-19 quarantine and the role of in-home physical activity. *Diabetes Technol Ther*, 22(6): 462–467.



- Tornese, G., Ceconi, V., Monasta, L., Carletti, C., Faleschini, E., Barbi, E. 2020b. Glycemic Control in Type 1 Diabetes Mellitus During COVID-19 Quarantine and the Role of In-Home Physical Activity. *Diabetes Technol Ther*, 22(6): 462–467.
- Verma, A., Rajput, R., Verma, S., Balania, V.K.B., Jangra, B. 2020. Impact of lockdown in COVID 19 on glycemic control in patients with type 1 Diabetes Mellitus. *Diabetes Metab Syndr Clin Res Rev*, 14(5): 1213–1216.
- Wang, G., Zhang, Y., Zhao, J., Zhang, J., Jiang, F. 2020. Mitigate the effects of home confinement on children during the COVID-19 outbreak. *Lancet*, 395(10228): 945–947.
- Wati, N.S., Wongsasuluk, P., Soewondo, P. 2021. A cross-sectional study on the telemedicine usage and glycemic status of diabetic patients during the COVID-19 pandemic. *Med J Indones*, 30(3): 215–220.
- Yeo, C., Kaushal, S., Yeo, D. 2020. Enteric involvement of coronaviruses: is faecal–oral transmission of SARS-CoV-2 possible? *Lancet Gastroenterol Hepatol*, 5(4): 335–337.
- Yuki, K., Fujiogi, M., Koutsogiannaki, S. 2020. COVID-19 pathophysiology: A review. *Clin Immunol*, 215(June).
- Zaim, S., Chong, J.H., Sankaranarayanan, V., Harky, A. 2020. COVID-19 and Multiorgan Response. *Curr Probl Cardiol*, 45(8): 100618.