

## DAFTAR PUSTAKA

- Adli, F.K., 2021. Diabetes Melitus Gestasional: Diagnosis dan Faktor Risiko. *Jurnal Medika Hutama*, 3(01 Oktober), pp.1545-1551.
- Agusti, R., Meriwati, M., Wahyu, T., Nur, E. and Yuliantini, E., 2016. Hubungan Asupan Karbohidrat Sederhana dan Indeks Massa Tubuh dengan Kadar Gula Darah Penderita Diabetes Melitus Tipe 2 di Poli Penyakit Dalam RSUD M. Yunus Bengkulu Tahun 2016 (Doctoral dissertation, Poltekkes Kemenkes Bengkulu).
- Ainur Rifki, Muhammad., Wahyu, T., Krisnasary, A., Nur, E. and Siregar, A., 2016. Hubungan Konsumsi Bahan Makanan yang Berindeks Glikemik Rendah dan Karbohidrat Kompleks dengan Kadar Gula Darah Penderita Diabetesmelitus tipe ii di rsud M. Yunus Kota bengkulu Tahun 2016 (Doctoral dissertation, Poltekkes Kemenkes Bengkulu).
- Al-Mssallem, M.Q., Al-Qarni, A.A. and Al-Jamaan, M., 2020. Dietary carbohydrate intake in patients with type 2 diabetes mellitus and diabetes control: a cross-sectional study. *Food & nutrition research*, 64, pp.10-29219.
- Alsharari, Z.D., Leander, K., Sjögren, P., Carlsson, A., Cederholm, T., De Faire, U., Hellenius, M.L., Marklund, M. and Risérus, U., 2020. Association between carbohydrate intake and fatty acids in the de novo lipogenic pathway in serum phospholipids and adipose tissue in a population of Swedish men. *European Journal of Nutrition*, 59, pp.2089-2097.
- American Diabetes Association (ADA), 2024. *Diagnosis and Classification of Diabetes: Standards of Care in Diabetes*. Available from: [https://diabetesjournals.org/care/article/37/Supplement\\_1/S81/37753/Diagnosis-and-Classification-of-Diabetes-Mellitus](https://diabetesjournals.org/care/article/37/Supplement_1/S81/37753/Diagnosis-and-Classification-of-Diabetes-Mellitus).

- Arania, R., Triwahyuni, T., Esfandiari, F. and Nugraha, F.R., 2021. Hubungan antara usia, jenis kelamin, dan tingkat pendidikan dengan kejadian diabetes mellitus di Klinik Mardi Waluyo Lampung Tengah. *Jurnal Medika Malahayati*, 5(3), pp.146-153.
- Aulia, R., Wahyuningsih, M.S.H. and Huriyati, E., 2022. Asupan zat gizi makro dan kepatuhan minum obat antidiabetik terhadap kadar HbA1c pada penyandang diabetes melitus tipe 2. *Jurnal Gizi Klinik Indonesia*, 19(2), pp.79-87.
- Basu, R., Chandramouli, V., Dicke, B., Landau, B. and Rizza, R., 2005. Obesity and type 2 diabetes impair insulin-induced suppression of glycogenolysis as well as gluconeogenesis. *Diabetes*, 54(7), pp.1942-1948.
- Bekele, B.B., Negash, S., Bogale, B., Tesfaye, M., Getachew, D., Weldekidan, F. and Balcha, B., 2021. Effect of diabetes self-management education (DSME) on glycated hemoglobin (HbA1c) level among patients with T2DM: Systematic review and meta-analysis of randomized controlled trials. *Diabetes & Metabolic Syndrome: Clinical Research & Reviews*, 15(1), pp.177-185.
- Bessesen, D.H., 2001. The role of carbohydrates in insulin resistance. *The Journal of nutrition*, 131(10), pp.2782S-2786S.
- Bhavadharini, B., Mohan, V., Dehghan, M., Rangarajan, S., Swaminathan, S., Rosengren, A., Wielgosz, A., Avezum, A., Lopez-Jaramillo, P., Lanas, F. and Dans, A.L., 2020. White rice intake and incident diabetes: a study of 132,373 participants in 21 countries. *Diabetes Care*, 43(11), pp.2643-2650.

- Clemente-Suárez, V.J., Mielgo-Ayuso, J., Martín-Rodríguez, A., Ramos-Campo, D.J., Redondo-Flórez, L. and Tornero-Aguilera, J.F., 2022. The burden of carbohydrates in health and disease. *Nutrients*, 14(18), p.3809.
- Coleone, J.D., Bellei, E.A. and De Marchi, A.C.B., 2019. Food consumption and glycemic testing of adults and elderly diabetic patients from Public Health: A systematic review of assessment methods. *Diabetes & Metabolic Syndrome: Clinical Research & Reviews*, 13(5), pp.3005-3010.
- Cummings, J.H. and Stephen, A.M., 2007. Carbohydrate terminology and classification. *European journal of clinical nutrition*, 61(1), pp.S5-S18.
- Churuangsuk, C., Lean, M.E. and Combet, E., 2020. Lower carbohydrate and higher fat intakes are associated with higher hemoglobin A1c: findings from the UK National Diet and Nutrition Survey 2008–2016. *European Journal of Nutrition*, 59, pp.2771-2782.
- Denggoss, Y., 2023. Penyakit Diabetes Mellitus Umur 40-60 Tahun di Desa Bara Batu Kecamatan Pangkep. *HealthCaring: Jurnal Ilmiah Kesehatan*, 2(1), pp.55-61.
- Dinas Kesehatan Daerah Istimewa Yogyakarta. (2021). Profil Kesehatan DIY Tahun 2021. Yogyakarta: Dinas Kesehatan DIY.
- Ekasari, E. and Dhanny, D.R., 2022. Faktor Yang Mempengaruhi Kadar Glukosa Darah Penderita Diabetes Melitus Tipe II Usia 46-65 Tahun Di Kabupaten Wakatobi. *Journal of Nutrition College*, 11(2), pp.154-162.
- Fitri, A.S. and Fitriana, Y.A.N., 2020. Analisis senyawa kimia pada karbohidrat. *Sainteks*, 17(1), pp.45-52.

- Ghouse, J., Isaksen, J.L., Skov, M.W., Lind, B., Svendsen, J.H., Kanters, J.K., Olesen, M.S., Holst, A.G. and Nielsen, J.B., 2020. Effect of diabetes duration on the relationship between glycaemic control and risk of death in older adults with type 2 diabetes. *Diabetes, Obesity and Metabolism*, 22(2), pp.231-242.
- Haimoto, H., Watanabe, S., Komeda, M. and Wakai, K., 2018. The impact of carbohydrate intake and its sources on hemoglobin A1c levels in Japanese patients with type 2 diabetes not taking anti-diabetic medication. *Diabetes, metabolic syndrome and obesity: targets and therapy*, pp.53-64.
- Haimoto, H., Watanabe, S., Maeda, K., Murase, T. and Wakai, K., 2021. Reducing carbohydrate from individual sources has differential effects on glycosylated hemoglobin in type 2 diabetes mellitus patients on moderate low carbohydrate diets. *Diabetes & Metabolism Journal*, 45(3), pp.390-403.
- Harahap, R.I.M., Rostini, T. and Suraya, N., 2024. Pemeriksaan Laboratorium pada Hemoglobin Terглиkasi (HbA1C): Review Standarisasi dan Implementasi Klinis. *Action Research Literate*, 8(6).
- Harna, H., Efriyanurika, L., Novianti, A., Sa'pang, M. and Irawan, A.M.A., 2022. Status Gizi, Asupan Zat Gizi Makro dan Kaitannya dengan Kadar HbA1c PADA Pasien Diabetes Melitus Tipe 2. *Poltekita: Jurnal Ilmu Kesehatan*, 15(4), pp.365-372.

Hermagita, R.A.I. and Hermagita, R.A.I., 2024. Hubungan Lama Menderita Diabetes Mellitus Dan Kontrol Glukosa Darah Dengan Kualitas Tidur Pada Pasien Diabetes Mellitus Tipe 2 (Doctoral dissertation, Universitas Islam Sultan Agung Semarang).

IDF (2021) IDF Diabetes Atlas Ten Edition 2021. Brussels, Belgium: International Diabetes Federation, 2021. <http://www.diabetesatlas.org>.

Irmayanti, I., Farmawati, A. and Purba, M.B., 2019. distribusi dan faktor-faktor yang berhubungan dengan kadar hemoglobin a1c (hba1c) pada subjek dewasa indonesia. *Gizi Indonesia*, 42(1), pp.43-52.

Kautzky-Willer, A., Leutner, M. and Harreiter, J., 2023. Sex differences in type 2 diabetes. *Diabetologia*, 66(6), pp.986-1002.

Moon, Jee-Young, Simin Hua, Qibin Qi, Daniela Sotres-Alvarez, Josiemer Mattei, Sarah S. Casagrande, Yasmin Mossavar-Rahmani et al. "Association of sugar-sweetened beverage consumption with prediabetes and glucose metabolism markers in Hispanic/Latino adults in the United States: results from the Hispanic Community Health Study/Study of Latinos (HCHS/SOL)." *The Journal of Nutrition* 152, no. 1 (2022): 235-245.

Niwaha, A.J., Rodgers, L.R., Greiner, R., Balungi, P.A., Mwebaze, R., McDonald, T.J., Hattersley, A.T., Shields, B.M., Nyirenda, M.J. and Jones, A.G., 2021. HbA1c performs well in monitoring glucose control even in populations with high prevalence of medical conditions that may alter its reliability: the OPTIMAL observational multicenter study. *BMJ Open Diabetes Research and Care*, 9(1), p.e002350.

- Pangestika, H., Ekawati, D. and Murni, N.S., 2022. Faktor-faktor yang berhubungan dengan kejadian Diabetes Mellitus tipe 2. *Jurnal'Aisyiyah Medika*, 7(1), pp.27-31.
- Perkumpulan Endokrinologi Indonesia. (2021). Pedoman Pengelolaan dan Pencegahan Diabetes Melitus Tipe 2 Dewasa di Indonesia (1st ed.). PB. PERKENI. <https://pbperkeni.or.id/unduh>.
- Pratiwi, N., Nur, M. and Triwahyuni, T., 2023. Hubungan Pemeriksaan Kadar Hba1c Dengan Kadar Gula Darah Sewaktu Dengan Kejadian Diabetes Melitus Tipe 2 Di Rumah Sakit Pertamina Bintang Amin Husada Bandar Lampung Tahun 2023. *Innovative: Journal Of Social Science Research*, 3(5), pp.134 143.
- Ranjan, A., Schmidt, S., Damm-Frydenberg, C., Steineck, I., Clausen, T.R., Holst, J.J., Madsbad, S. and Nørgaard, K., 2017. Low-carbohydrate diet impairs the effect of glucagon in the treatment of insulin-induced mild hypoglycemia: a randomized crossover study. *Diabetes care*, 40(1), pp.132-135.
- Ridhani, M.A. and Aini, N., 2021. Potensi penambahan berbagai jenis gula terhadap sifat sensori dan fisikokimia roti manis. *Pasundan Food Technology Journal (PFTJ)*, 8(3), pp.61-68.
- Riset Kesehatan Dasar. (2018). Riset Kesehatan Dasar, Badan Penelitian Dan Pengembangan Kesehatan Departemen Kesehatan Republik Indonesia, Jakarta.
- Saras, T., 2023. Karbohidrat: *Sumber Energi Utama Tubuh*. Tiram Media.

- Sartika, W., Nurman, Z., Hasneli, H. and Yuniritha, E., 2023. Hubungan Asupan Karbohidrat, Indeks dan Beban Glikemik dengan Kadar Glukosa Darah Penderita Diabetes Melitus Tipe 2 di Wilayah Kerja Puskesmas Lubuk Buaya Kota Padang Tahun 2023. *Jurnal Gizi Mandiri*, 1(2), pp.26-39.
- Sacks, F.M., Carey, V.J., Anderson, C.A., Miller, E.R., Copeland, T., Charleston, J., Harshfield, B.J., Laranjo, N., McCarron, P., Swain, J. and White, K., 2014. Effects of high vs low glycemic index of dietary carbohydrate on cardiovascular disease risk factors and insulin sensitivity: the OmniCarb randomized clinical trial. *Jama*, 312(23), pp.2531-2541.
- Sipe, A.T., Neuhouser, M.L., Brey Meyer, K.L. and Utzschneider, K.M., 2022. Effect of dietary glycemic index on  $\beta$ -cell function in prediabetes: A randomized controlled feeding study. *Nutrients*, 14(4), p.887.
- Veridiana, N.N. and Nurjana, M.A., 2019. Hubungan Perilaku Konsumsi dan Aktivitas Fisik dengan Diabetes Mellitus di Indonesia. *Buletin Penelitian Kesehatan*, 47(2), pp.97-106.
- Weickert, M.O. and Pfeiffer, A.F., 2018. Impact of dietary fiber consumption on insulin resistance and the prevention of type 2 diabetes. *The Journal of nutrition*, 148(1), pp.7-12.
- World Health Organization (WHO), 2024. Diabetes. Available from: <https://www.who.int/news-room/fact-sheets/detail/diabetes> [Accessed 25 November 2024].
- World Health Organization (WHO), 2015. Sugars Intake. Available from: <https://www.who.int/publications/i/item/9789241549028> [Accessed 18 April 2024].

Wu, T., Rayner, C.K., Jones, K.L., Xie, C., Marathe, C. and Horowitz, M., 2020.

Role of intestinal glucose absorption in glucose tolerance. *Current*

*Opinion in Pharmacology*, 55, pp.116-124.