

DAFTAR PUSTAKA

- Abbasnezhad, Amir. et al. *Effect of Different Dietary Approaches Compared with a Regular Diet on Systolic and Diastolic Blood Pressure in Patients with Type 2 Diabetes: A Systematic Review and Meta-Analysis*. *Diabetes Research and Clinical Practice*, 163, (2020).
- Ahn, Hee Jung, et al. *The Small Rice Bowl-Based Meal Plan was Effective at Reducing Dietary Energy Intake, Body Weight, and Blood Glucose Levels in Korean Women with Type 2 Diabetes Mellitus*. *Korean Diabetes J* 2010;34:340-349.
- Aljuraiban, G.S. et al. 2015. *Total, insoluble and soluble dietary fibre intake in relation to blood pressure: the INTERMAP Study*. *British Journal of Nutrition*, 114, 1480–1486
- American Diabetes Association (ADA), 2012, *Executive Summary: Standards of Medical Care in Diabetes-2012*, *Diabetes Care*, Volume 35, No 1.
- American Diabetes Association. 2017. *High Blood Pressure*. <http://www.diabetes.org/areyouatrisk/loweryourrisk/bloodpressure.html?referrer=https://www.google.co.id/>, diakses pada 6 Desember 2019.
- Anas, Y dan Hatimah, N.A. 2018. *Efek Antihipertensi Ekstrak Etanol Kombinasi Rambut dan Biji Jagung (Zea mays L.) pada Tikus Hipertensi yang Diinduksi Monosodium Glutamat*. *Jurnal Ilmu Farmasi dan Farmasi Klinik (JIFFK)*. 1 (15) : 29 – 36.
- Andi, Sulilowati, dkk. 2008. *Faktor Risiko Diabetes Melitus di Rumah Sakit Umum Dr. Wahidin Sudirohusodo Makasar*. *Jurnal Ilmiah Nasional*. [http://perpustakaan.litbang.depkes.go.id/otomasi/indekx.php?=show_detail&id=14113] [Diunduh pada 9 Februari 2020 pukul 13.26 WIB]
- Asmarani, Fatifa dkk. Pengaruh Pemberian Tepung Jagung dengan Suplementasi Tepung Tempe terhadap Kadar Gula Darah Tikus Wistar Diabetes Mellitus. *Jurnal “Ilmiah Kedokteran” Volume 4 Nomer 2 Edisi Desember 2015*, hal. 24 – 35

- Astawan, Made. 2014. *Evaluasi Nilai Gizi Karbohidrat Edisi 1*. Tangerang Selatan: Universitas Terbuka.
- Astuti, A dan Maulani. *Pangan Indeks Glikemik Tinggi dan Glukosa Darah Pasien Diabetes Mellitus Tipe 2*. Journal Endurance 2 (2), 2017, (225-231).
- Augustin,L.S.A et al. 2015. *Glycemic Index, Glycemic Load and Glycemic Response: An International Scientific Consesus Summit from the International Carbohydrate Quality Consortium (ICQC)*. ScienceDirect, 9 (25): 795-815
- Azadbakht, Leila, et al. *Effects of the Dietary Approaches to Stop Hypertension (DASH) Eating Plan on Cardiovascular Risks Among Type 2 Diabetic Patients*. Diabetes Care 34:55–57, 2011.
- Badan Ketahanan Pangan. 2018. Surplus, RI Ekspor Jagung: Kementerian Pertanian RI
- Beretta, M.V. 2018. *Higher fiber intake is associated with lower blood pressure levels in patients with type 1 diabetes*. Arch Endocrinol Metab. 62/1: 47-54.
- Bressani, R. 1972. The importance of maize for human nutrition in Latin America and other countries. In Nutritional improvement of maize. INCAP publication L-4, p. 5-29. Guatemala, INCAP.
- Canadian Diabetes Association (CDA), 2008, *Clinical Practice Guidelines for the Prevention and Management of Diabetes in Canada*, Canadian Journal of Diabetes, Volume 32, No 1, September 2008.
- Cheung, B.M.C & Li, C.2012. *Diabetes and Hypertension: is There a Common Metabolic Pathway*. PMC. 2012 Apr; 14(2): 160–166.
- Combs GF, McClung JP, eds. *The Vitamins*, 5th ed. New York, NY: Academic Press; 2017.
- Corwin, E. (2009). *Buku Saku Patofisiologi*. Edisi 3 Revisi. Kedokteran EGC. Jakarta

- Dada, Akinola et. al. Glycaemic Responses to Corn Meals in Type 2 Diabetics and Non-Diabetic Controls. Turk Jem 2015; 19: 79-82.
- Depkes RI, 2008, *Pedoman Pengendalian Diabetes Melitus dan Penyakit Metabolik*, Direktorat Pengendalian Penyakit Tidak Menular, Jakarta.
- Diabetes UK. 2010. *Diabetes in the UK: Key Statistics on Diabetes*.
- Dinas Pertanian Pertanian Pontianak Kota. Mengenal Jagung di Indonesia. 2018.
- Diyah, Nuzul W. dkk. 2016. *Evaluasi Kandungan Glukosa dan Indeks Glikemik Beberapa Sumber Karbohidrat dalam Upaya Penggalian Pangan Ber-Indeks Glikemik Rendah*. Jurnal Farmasi dan Ilmu Kefarmasian Indonesia, (3):2, 67-73.
- Djunaidi, dkk. 2014. *Efek hipoglikemik tepung komposit (ubi jalar ungu, jagung kuning, dan kacang tunggak) pada tikus diabetes induksi streptozotocin Hypoglycemic effect of composite flour (purple sweet potato, yellow corn, and cowpea) in streptozotocin-diabetic rats*. Jurnal Gizi Klinik Indonesia, Volume 10, No. 03, 119-126.
- Dorland, W. A. N. 2010. Dorland's Illustrated Medical Dictionary (29th ed.). Hartanto, H. et al. (ahli bahasa), Jakarta: EGC
- FAO (1993). *Maize in human nutrition*. Food and Agriculturall Organisation, Rome.
- FAO. *Promotion of Fruit and Vegetables for Health. Report of the Pacific Regional Workshop*. Rome: FAO; 2015.
- Franz MJ, Powers MA, Leontos C, Holzmeister LA, Kulkarni K, Monk A, et al. *The evidence for medical nutrition therapy for type 1 and type 2 diabetes in adults*. J Am Diet Assoc. 2010;110:1852-89.
- Fuji, H, et al. *Impact of Dietary Fiber Intake on Glycemic Control, Cardiovascular Risk Factors and Chronic Kidney Disease in Japanese Patients with Type 2 Diabetes Mellitus: the Fukuoka Diabetes Registry*. Nutrition Journal, 2013, 12:159.

- Genauth, S., 2003, Diabetes Mellitus, dalam Dale. C. D., and Fermon. D. D., Scientific American Medicines, Volume 1, New York, 578-607
- Gibney, Michael J. Margaretts, Barrie M. Kearney, John M. and Lenore Arab eds, 2009 Gizi Kesehatan Masyarakat, EGC Jakarta
- Goldberger, Joseph et al. The Treatment and Prevention of Pellagra. Public Health Reports (1896-1970) , Oct. 23, 1914, Vol. 29, No. 43 (Oct. 23, 1914), pp. 2821-2825
- Guerrero, L., Castillo, J., Quiñones, M., Garcia-Vallvé, S., Arola, L., Pujadas, G., and Muguerza, B., 2012, Inhibition of angiotensin-converting enzyme activity by flavonoids: structureactivity relationship studies, PLoS One., 7(11), e49493
- Guyton AC. 1994. *Fisiologi Manusia dan Mekanisme Penyakit*. Jakarta: EGC Penerbit Buku Kedokteran. pp.734-736.
- Guyton and Hall. (2007). *Buku Ajar Fisiologi Kedokteran dan Mekanisme-Mekanisme Penyakit*: Jakarta. EGC
- Guyton, A.C. and Hall, J. E., 1996, Textbook of Medical Physiology, diterjemahkan oleh Irawati Setiawan, LMA. Ken Ariata Tengadi, Alek Santoso, Penerbit Buku Kedokteran EGC, Jakarta.
- Herman, dkk. 2015. Uji Antihipertensi Infus Kombinasi Biji dan Rambut Jagung (*Zea Mays L.*) pada Tikus Jantan (*Rattus Norvegicus*) dengan Metode Tail Cuff Non Invasive. Media Farmasi Vol 12 No.1, 93-103.
- Ilyas, Ermita. *Hidup Sehat Dengan Diabetes “Mencegah Diabetes Melitus dengan Olahraga”*. Jakarta; 2007.
- International Diabetes Federation. 2015. *Diabetes Atlas Seventh Edition 2015*. Amerika Serikat: International Diabetes Federation.
- Jimoh A.K, Adediran, O.S, Adebisi, S.A and Biliaminu S.A (2008). *Effect of food processing on glycemic response to white yam (Discorea rotundata) meals*. Diabetologia croatica, 37(3),67-72

Kemenkes RI. 2017. *Tabel Komposisi Pangan Indonesia*. Jakarta: Kementerian Kesehatan RI.

Kemenkes RI. 2018. *Isi Piringku Sekali Makan*. [online]. (<http://www.p2ptm.kemkes.go.id/infographic-p2ptm/obesitas/page/14/isi-piringku-sekali-makan>), diakses pada 12 Agustus 2020.

Kemenkes RI. 2018. *Pusat Data dan Informasi Kemenkes RI*, Infodatin. Jakarta: Kemenkes RI

Kemenkes RI. 2018. *Riset Kesehatan Dasar*, RISKESDAS. Jakarta: Balitbang Kemenkes RI.

Kementerian Kesehatan RI. 2010. *Petunjuk Teknis Pengukuran Faktor Risiko Diabetes Melitus*. Jakarta: Kementerian Kesehatan RI.

Khan K, Jovanovski E, Ho HVT, Marques ACR, Zurbau A, Mejia SB, Sievenpiper JL, Vuksan V, *The effect of viscous soluble fiber on blood pressure: A systematic review and meta-analysis of randomized controlled trials*, *Nutrition, Metabolism and Cardiovascular Diseases* (2017), (doi: 10.1016/j.numecd.2017.09.007, diakses pada 25 Juli 2020).

Kitchenham, B. and Charters, S. (2007) Guidelines for Performing Systematic Literature Reviews in Software Engineering, Technical Report EBSE 2007-001, Keele University and Durham University Joint Report.

Krisnamurthi, Bayu. 2010. *Manfaat Jagung dan Peran Produk Bioteknologi Serealia dalam Menghadapi Krisis Pangan, Pakan dan Energi di Indonesia*. Prosiding Pekan Serealia Nasional

Krisnatuti, D., Yenrina, R., Rasjmida, D. (2014). Diet sehat untuk penderita Diabetes melitus. Jakarta Timur : Penebar Swadaya.

Kurniadi, H., & Nurrahmani, U. (2015). *Stop diabetes, hipertensi, kolesterol tinggi, jantung koroner*. Yogyakarta: Istana Medika

Larson, A. J., Symons, J. D. and Jalili, T., 2010, Quercetin: a treatment for hypertension, a review of efficacy and mechanisms, *Pharmaceuticals*, 3(1), 237-250

- Latu. Jeanne. 1983. *Menafsirkan Hasil Tes Laboratorium. Cermin Dunia Kedokteran* No. 30 1983: Halaman 3-6.
- Mariani-Constantini R, Mariani-Constantini A. An outline of the history of pellagra in Italy. *J Anthropol Sci.* 2007;85:163-171.
- Matsushima, M. et al. 2014. *Effects of choice of staple food and the addition of dietary fiber on changes in postprandial blood glucose level.* Glycative Stress Research 2014; 1 (3): 46-52.
- Maulana, M. 2008. *Mengenal Diabetes Panduan Praktis Menangani Penyakit Kencing Manis.* Jogjakarta: Ar Ruzz Media Group
- Nurrahmani, Ulfa. (2012). *Stop! Diabetes.* Yogyakarta : Familia
- Oboh, H.A and Ogbebor. V.O. *Effect of Processing on the Glycemic Index and Glycemic Load of Maize (Zea mays).* Nigerian Journal of Biochemistry and Molecular Biology 25 (2): 46 - 52, 2010.
- Ojo, Omorogeiva, et al. *The Effect of Dietary Glycaemic Index on Glycaemia in Patients with Type 2 Diabetes: A Systematic Review and Meta-Analysis of Randomized Controlled Trials.* Nutrients 2018, 10, 373.
- Perkeni 2015. *Konsensus Pengelolaan dan Penegahan Diabetes Melitus Tipe 2 di Indonesia.* PERKENI.
- Permatasari, dkk. 2015. *Estimasi asupan indeks glikemik dan beban glikemik dengan kontrol gula darah pasien diabetes melitus tipe 2 Estimated dietary glycemic index and glycemic load with blood sugar control patients with type 2 diabetes mellitus.* Jurnal Gizi Klinik Indonesia, Vol 12, No 02: (45-53).
- Price, S. A., Wilson. 2008. *Gagal Ginjal Kronik dalam Buku Patofisiologi Konsep Klinis Proses-Proses Penyakit.* Edisi 6. Jakarta : EGC.
- Rabinowitz, Simon. Pediatric Pellagra. 2018
- Rhodes, C.A., D.A. Pierce, I.J. Mettler, D. Mascarenhas, and J.J. Detmer. 1988. Genetically transformed maize plants from protoplasts. *Science* 240:204-207.

- Rimbawan, dan Siagian, A. 2004. *Indeks Glikemik Pangan*. Jakarta: Penebar Swadaya.
- Rismayanthi, Cerika. 2010. *Terapi Insulin sebagai Alternatif Pengobatan bagi Penderita Diabetes*. .MEDIKORA. Vol VI, No. 2, November 2010 : 29 – 36
- Rofles SR, Pinna K, Whitney E. Understanding Normal and Clinical Nutrition. 7th edition. USA: Peter Marshall; 2002.
- Sari, N. dkk. *Asupan Serat dan Tekanan Darah WUS Madura Penderita Tekanan Darah Tinggi di Malang (Fiber Intake and Blood Pressure among Madurese Women Residing in Malang)*. Indonesian Journal of Human Nutrition, (2016), Vol. 3 No. 1 : 1 – 10.
- Saseen, J.J. , dan Carter.L.B. , 2011, *Hypertention, dalam Pharmacotherapy: A pathophysiologic Approach, Sxth Edition*, edited by J.T. Dipiro , McGraw-Hill Companie,Inc., 185-217.
- Setiati, S. 2008. *Lima Puluh Masalah Kesehatan di Bidang Ilmu Penyakit Dalam*. 1th ed, Jakarta: Pusat Penerbitan Ilmu Penyakit Dalam FK UI, pp. 34-39
- Setimela, P.S., X. Mhike X, J.F. MacRobert, D. Muungani. 2006. Maize Hybrids and Open-Pollinated Varieties: Seed Production Strategies. In: Strategies for 27 Strengthening and Scaling up Community-based Seed Production. Setimela PS and Kosina P (eds). Mexico DF (US): CIMMYT FAO.
- Sherwood, L. 2011. *Organ Endokrin Perifer dalam Fisiologi Manusia dari Sel ke Sistem*. Jakarta: EGC.
- Slavin JL. *Position of the American Dietetic Association: health implications of dietary fiber*. J Am Diet Assoc. 2008;108(10):1716-31.
- Soeharto, I. 2004. *Serangan Jantung dan stroke: Hubungannya dengan lemak dan kolestrol*. Edisi kedua. Jakarta: PT Gramedia Pustaka
- Sousa, V.D. & Zauszniewski, J.A. Toward. A Theory of Diabetes Self-Care Management.
- Suarni, dan Muh Yasin. 2011. Jagung sebagai Sumber Pangan Fungsional. Iptek Tanaman Pangan Vol. 6 No.1 Hal 41-56.

- Suiraka. 2012. *Penyakit Degeneratif*. Yogyakarta: Nuhamedika.
- Sujaya, I Nyoman. 2009. "Pola Konsumsi Makanan Tradisional Bali sebagai Faktor Risiko Diabetes Melitus Tipe 2 di Tabanan." Jurnal Skala Husada Vol. 6 No.1 hal: 75-81
- Sukardji Kartini. *Hidup Sehat Dengan Diabetes "Gizi Sehat dan Seimbang Mencegah Diabetes Melitus"*. Jakarta; 2007
- Sunarti. (2017). *Serat Pangan dalam Penanganan Sindrom Metabolik*. Yogyakarta: Gadjah Mada University Press.
- Suyastiri, Ni Made. *Diversifikasi Pangan Pokok Berbasis Potensi Lokal dalam Mewujudkan Ketahanan Pangan Rumah Tangga Pedesaan di Kecamatan Semin Kabupaten Gunung Kidul*. Jurnal Ekonomi Pembangunan. 2008; 13 (1): 51-60.
- Suyono, S. 2011. *Patofisiologi Diabetes Melitus dalam buku Penatalaksanaan Diabetes Terpadu sebagai Panduan Penatalaksanaan Diabetes Mellitus bagi dokter maupun educator diabetes*. Jakarta: Fakultas Kedokteran Universitas Indonesia. pp 11
- Tangkilisan AS, Mamuaja CF, Mamahit LP, Tuju TD. *Pemanfaatan Pangan Lokal Beras Jagung (Zea Mays) pada Konsumsi Pangan di Kabupaten Minahasa Selatan*. COCOS (Jurnal Ilmiah Fakultas Pertanian Unsrat). 2013; 3 (6): 112-119.
- Tanto, C & Hustrini, N.M. 2014. *Hipertensi. Kapita Selekta Kedokteran. Essentials of Medicine*. Edisi IV. II. Jakarta: Fakultas Kedokteran Universitas Indonesia
- Teixeria-Lemos, dkk. 2011. *Regular Physical Exercise Training Assists in Preventing Type 2 Diabetes Development: focus on its antioxidant and anti-inflammatory properties*. Biomed Central Cardiovascular Diabetology 10: 1-15
- The Journal of Theory Construction & Testing. 2005, 9 (2):61-67.

- Triplitt, C. L., Reasner, C.A., dan Isley, W.L., 2011, Diabetes Mellitus, in *Pharmacotherapy: A Pathophysiologic Approach*, Sixth Edition, (Eds) J.T. Dipiro, McGraw-Hill Company, Inc., 1333-1363.
- Trowell H. 1976. Definition of Dietary Fiber and Hypotesis that it is a Protective Factor for Certain Diseases. *Am J Clin Nutr.*, Vol. 29:417-427.
- Waspadji, S. 2010. Komplikasi Kronik Diabetes: *Mekanisme Terjadinya, Diagnosis dan Strategi Pengelolaan. Buku Ajar Ilmu Penyakit Dalam*. Edisi V. Jakarta: Interna Publishing. pp.22-33.
- Waspadji, Sarwono, dkk. 2003. *Indeks Glikemik Berbagai Makanan Indonesia*. Fakultas Kedokteran Universitas Indonesia, Jakarta.
- WHO Fact Sheet of Diabetes, 2016.
- WHO Global Report of Diabetes, 2016.
- Winta, dkk. 2018. *Hubungan Kadar Gula Darah dengan Tekanan Darah pada Lansia Penderita Diabetes Tipe 2 (The Correlation Of Blood Glucose Level and Blood Pressure of Elderly With Type 2 Diabetes)*. Jurnal Ners dan Kebidanan, Volume 5, No. 2: 163–171.
- Zenel, Alison M. and Stewart, Maria L. High Amylose White Rice Reduces Post-Prandial Glycemic Response but Not Appetite in Humans. *Nutrients* 2015, 7, 5362-5374.
- Zhang, Zhuoshi et al. Benefits of a rice mix on glycaemic control in Asian people with type 2 diabetes: A randomised trial. *Nutrition & Dietetics* 2016; 73: 125-131.
- Žilić , S., Serpen, A., Akıllioğlu, G., Gökmen, V. and Vančetović , J. 2012. Phenolic compounds, carotenoids, anthocyanins, and antioxidant capacity of colored maize (*Zea mays L.*) kernels. *Agricultural and Food Chemistry* 60, 1224-1231

