

Daftar Pustaka

- Abdulghani, H. M., AlRajeh, A. S., AlSalman, B. H., AlTurki, L. S., AlNajashi, N. S., Irshad, M., Alharbi, K. H., AlBalawi, Y. E., Alsuliman, Y. A., & Ahmad, T. (2018). Prevalence of diabetic comorbidities and knowledge and practices of foot care among diabetic patients: A cross-sectional study. *Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy*, *11*, 417–425. <https://doi.org/10.2147/DMSO.S171526>
- Abou El Ella, S. S., Tawfik, M. A., Mohammed, Z. S., & Barseem, N. F. (2021). PTPN22 gene and IL2RA rs11594656, rs2104286 gene variants: additional insights of polygenic single-nucleotide polymorphisms' pattern among Egyptian children with type 1 diabetes. *Egyptian Pediatric Association Gazette*, *69*(1). <https://doi.org/10.1186/s43054-021-00079-7>
- Abraham, H. M. A., White, C. M., & White, W. B. (2015). The Comparative Efficacy and Safety of the Angiotensin Receptor Blockers in the Management of Hypertension and Other Cardiovascular Diseases. *Drug Safety*, *38*(1), 33–54. <https://doi.org/10.1007/s40264-014-0239-7>
- ADA. (2014). Standards of medical care in diabetes-2014. *Diabetes Care*, *37*(SUPPL.1), 14–80. <https://doi.org/10.2337/dc14-S014>
- ADA. (2021a). Classification and diagnosis of diabetes: Standards of medical care in diabetes-2021. In *Diabetes Care* (Vol. 44, Issue January). American Diabetes Association. <https://doi.org/10.2337/dc21-S002>
- ADA. (2021b). Pharmacologic approaches to glycemic treatment: Standards of medical care in diabetes 2021. In *Diabetes Care* (Vol. 44, Issue January). American Diabetes Association. <https://doi.org/10.2337/dc21-S009>
- Adam, L., O'Connor, C., & Garcia, A. C. (2018). Evaluating the Impact of Diabetes Self-Management Education Methods on Knowledge, Attitudes and Behaviours of Adult Patients With Type 2 Diabetes Mellitus. *Canadian Journal of Diabetes*, *42*(5), 470-477.e2. <https://doi.org/10.1016/j.jcjd.2017.11.003>
- Al-Qazaz, H. K., Sulaiman, S. A., Hassali, M. A., Shafie, A. A., Sundram, S., Al-Nuri, R., & Saleem, F. (2011). Diabetes knowledge, medication adherence and glycemic control among patients with type 2 diabetes. *International Journal of Clinical Pharmacy*, *33*(6), 1028–1035. <https://doi.org/10.1007/s11096-011-9582-2>
- Al-Rasheedi, A. A. S. (2014). The Role of Educational Level in Glycemic Control among Patients with Type II Diabetes Mellitus. *International Journal of Health Sciences*, *8*(2), 177–187. <https://doi.org/10.12816/0006084>
- Al-Sanaani, E. A., Ismail, A., Manaf, M. R. A., Suddin, L. S., Mustafa, N., Sukor, N., Alabed, A. A. A., Alkhodary, A. A., & Aljunid, S. M. (2022). Health

insurance status and its determinants among patients with type 2 diabetes mellitus in a tertiary teaching hospital in Malaysia. *PLoS ONE*, 17(5 May), 1–17. <https://doi.org/10.1371/journal.pone.0267897>

- Alfian, S. D., Sukandar, H., Lestari, K., & Abdulah, R. (2016a). Medication Adherence Contributes to an Improved Quality of Life in Type 2 Diabetes Mellitus Patients: A Cross-Sectional Study. *Diabetes Therapy*, 7(4), 755–764. <https://doi.org/10.1007/s13300-016-0203-x>
- Alfian, S. D., Sukandar, H., Lestari, K., & Abdulah, R. (2016b). Medication Adherence Contributes to an Improved Quality of Life in Type 2 Diabetes Mellitus Patients: A Cross-Sectional Study. *Diabetes Therapy : Research, Treatment and Education of Diabetes and Related Disorders*, 7(4), 755–764. <https://doi.org/10.1007/s13300-016-0203-x>
- Andersen, A., Lund, A., Knop, F. K., & Vilsbøll, T. (2018). Glucagon-like peptide 1 in health and disease. *Nature Reviews Endocrinology*, 14(7), 390–403. <https://doi.org/10.1038/s41574-018-0016-2>
- Arteaga, F., & Ferrer-Riquelme, A. J. (2009). Statistical Method for Handling Missing Data. In *Comprehensive Chemometrics: Chemical and Biochemical Data Analysis* (Vol. 3, pp. 285–314). Elsevier Inc. <https://doi.org/10.1016/B978-044452701-1.00125-3>
- Aulia, G., Halimah, E., & Lestari, K. (2018). Pharmaceutical Counseling Has a Positive Impact on Quality of Life of Hypertension Patients. *Pharmacology and Clinical Pharmacy Research*, 3(1), 5–9. <https://doi.org/10.15416/pcpr.v3i1.16449>
- Awwad, O., Akour, A., Al-Muhaissen, S., & Morisky, D. (2015). The influence of patients' knowledge on adherence to their chronic medications: a cross-sectional study in Jordan. *International Journal of Clinical Pharmacy*, 37(3), 504–510. <https://doi.org/10.1007/s11096-015-0086-3>
- Berkman, N. D., Sheridan, S. L., Donahue, K. E., Halpern, D. J., & Crotty, K. (2011). Low health literacy and health outcomes: An updated systematic review. *Annals of Internal Medicine*, 155(2), 97–107. <https://doi.org/10.7326/0003-4819-155-2-201107190-00005>
- Björgvinsson, T., Kertz, S. J., Bigda-Peyton, J. S., McCoy, K. L., & Aderka, I. M. (2013). Psychometric Properties of the CES-D-10 in a Psychiatric Sample. *Assessment*, 20(4), 429–436. <https://doi.org/10.1177/1073191113481998>
- Blowey, D. L. (2016). Diuretics in the treatment of hypertension. *Pediatric Nephrology*, 31(12), 2223–2233. <https://doi.org/10.1007/s00467-016-3334-4>
- Boels, A. M., Vos, R. C., Hermans, T. G. T., Zuithoff, N. P. A., Müller, N., Khunti, K., & Rutten, G. E. H. M. (2017). What determines treatment satisfaction of patients with type 2 diabetes on insulin therapy? An observational study in eight European countries. *BMJ Open*, 7(7), e016180. <https://doi.org/10.1136/bmjopen-2017-016180>

- Bolívar, J. J. (2013). Essential hypertension: An approach to its etiology and neurogenic pathophysiology. *International Journal of Hypertension*, 2013, 1–11. <https://doi.org/10.1155/2013/547809>
- Capuano, A., Sportiello, L., Maiorino, M. I., Rossi, F., Giugliano, D., & Esposito, K. (2013). Dipeptidyl peptidase-4 inhibitors in type 2 diabetes therapy - Focus on alogliptin. *Drug Design, Development and Therapy*, 7, 989–1001. <https://doi.org/10.2147/DDDT.S37647>
- Carey, R. M., Muntner, P., Bosworth, H. B., & Whelton, P. K. (2018). Prevention and Control of Hypertension: JACC Health Promotion Series. *Journal of the American College of Cardiology*, 72(11), 1278–1293. <https://doi.org/10.1016/j.jacc.2018.07.008>
- CDC. (2021). *Type 2 Diabetes*. Center for Disease Control and Prevention. <https://www.cdc.gov/diabetes/basics/type2.html#:~:text=Healthy eating is your recipe,adults are also developing it.>
- Chatterjee, S., Davies, M. J., Heller, S., Speight, J., Snoek, F. J., & Khunti, K. (2018). Diabetes structured self-management education programmes: a narrative review and current innovations. *The Lancet Diabetes and Endocrinology*, 6(2), 130–142. [https://doi.org/10.1016/S2213-8587\(17\)30239-5](https://doi.org/10.1016/S2213-8587(17)30239-5)
- Chow, C. K., Teo, K. K., Rangarajan, S., Islam, S., Gupta, R., Avezum, A., Bahonar, A., Chifamba, J., Dagenais, G., Diaz, R., Kazmi, K., Lanus, F., Wei, L., Lopez-Jaramillo, P., Fanghong, L., Ismail, N. H., Puoane, T., Rosengren, A., Szuba, A., ... Yusuf, S. (2013). Prevalence, awareness, treatment, and control of hypertension in rural and urban communities in high-, middle-, and low-income countries. *JAMA - Journal of the American Medical Association*, 310(9), 959–968. <https://doi.org/10.1001/jama.2013.184182>
- Christiani, Y., Byles, J. E., Tavener, M., & Dugdale, P. (2017). Health insurance coverage among women in Indonesia's major cities: A multilevel analysis. *Health Care for Women International*, 38(3), 267–282. <https://doi.org/10.1080/07399332.2016.1253697>
- Cruz-Cobo, C., & Santi-Cano, M. J. (2020). Efficacy of Diabetes Education in Adults With Diabetes Mellitus Type 2 in Primary Care: A Systematic Review. *Journal of Nursing Scholarship*, 52(2), 155–163. <https://doi.org/10.1111/jnu.12539>
- Cutler, R. L., Fernandez-Llimos, F., Frommer, M., Benrimoj, C., & Garcia-Cardenas, V. (2018). Economic impact of medication non-adherence by disease groups: A systematic review. *BMJ Open*, 8(1). <https://doi.org/10.1136/bmjopen-2017-016982>
- David G.Harrison, Coffman, T. M., & Wilcox, C. S. (2021). Pathophysiology of Hypertension: The Mosaic Theory and Beyond. *Circulation Research*, 128(7), 847–863.

<https://doi.org/10.1161/CIRCRESAHA.121.318082>. Pathophysiology

- Deepa, M., Bhansali, A., Anjana, R., Pradeepa, R., Joshi, S., Joshi, P., Dhandhania, V., Rao, P., Subashini, R., Unnikrishnan, R., Shukla, D., Madhu, S., Das, A., Mohan, V., & Kaur, T. (2014). Knowledge and awareness of diabetes in urban and rural India: The Indian Council of Medical Research India Diabetes Study (Phase I): Indian Council of Medical Research India Diabetes 4. *Indian Journal of Endocrinology and Metabolism*, 18(3), 379–385. <https://doi.org/10.4103/2230-8210.131191>
- Derosa, G., & Maffioli, P. (2012). α -Glucosidase inhibitors and their use in clinical practice. *Archives of Medical Science*, 8(5), 899–906. <https://doi.org/10.5114/aoms.2012.31621>
- Desai, R., & Nayak, R. (2019). Effects of medication nonadherence and comorbidity on health resource utilization in schizophrenia. *Journal of Managed Care and Specialty Pharmacy*, 25(1), 37-44A. <https://doi.org/10.18553/jmcp.2019.25.1.037>
- DiNicolantonio, J. J., Bhutani, J., & O’Keefe, J. H. (2015). Acarbose: safe and effective for lowering postprandial hyperglycaemia and improving cardiovascular outcomes. *Open Heart*, 2(1), e000327. <https://doi.org/10.1136/openhrt-2015-000327>
- Dipiro, J. T., Yee, G. C., Posey, L. M., Haines, S. T., Nolin, T. D., & Ellingrod, V. (2020). *Pharmacotherapy: A Pathophysiologic Approach* (Eleventh E). McGraw Hill.
- do Vale, G. T., Ceron, C. S., Gonzaga, N. A., Simplicio, J. A., & Padovan, J. C. (2018). Three Generations of β -blockers: History, Class Differences and Clinical Applicability. *Current Hypertension Reviews*, 15(1), 22–31. <https://doi.org/10.2174/1573402114666180918102735>
- Dodge, Y. (2008). Chi-square Goodness of Fit Test. In *The Concise Encyclopedia of Statistics* (pp. 72–76). Springer New York. https://doi.org/10.1007/978-0-387-32833-1_55
- Douros, A., Yin, H., Yu, O. H. Y., Filion, K. B., Azoulay, L., & Suissa, S. (2017). Pharmacologic differences of sulfonylureas and the risk of adverse cardiovascular and hypoglycemic events. *Diabetes Care*, 40(11), 1506–1513. <https://doi.org/10.2337/dc17-0595>
- Duke, N. (2021). Type 2 diabetes self-management: spirituality, coping and responsibility. *Journal of Research in Nursing*, 26(8), 743–760. <https://doi.org/10.1177/17449871211026958>
- Egede, L. E., & Ellis, C. (2008). The effects of depression on diabetes knowledge, diabetes self-management, and perceived control in indigent patients with type 2 diabetes. *Diabetes Technology and Therapeutics*, 10(3), 213–219. <https://doi.org/10.1089/dia.2007.0278>

- Elliott, W. J., & Ram, C. V. S. (2011). Calcium channel blockers. *Journal of Clinical Hypertension*, *13*(9), 687–689. <https://doi.org/10.1111/j.1751-7176.2011.00513.x>
- Fang, J., Zhang, Z., & Greenlund, K. J. (2022). Association of depressive symptoms and hypertension prevalence, awareness, treatment and control among USA adults. *Journal of Hypertension*, *40*(9). https://journals.lww.com/jhypertension/Fulltext/2022/09000/Association_of_depressive_symptoms_and.6.aspx
- Felix, C., Baldeon, M. E., Zertuche, F., Fornasini, M., Paucar, M. J., Ponce, L., Rangarajan, S., Yusuf, S., & Lopez-Jaramillo, P. (2020). Low levels of awareness, treatment, and control of hypertension in Andean communities of Ecuador. *Journal of Clinical Hypertension*, *22*(9), 1530–1537. <https://doi.org/10.1111/jch.13982>
- Finkelstein, E. A., Chay, J., & Bajpai, S. (2014). The economic burden of self-reported and undiagnosed cardiovascular diseases and diabetes on Indonesian households. *PLoS ONE*, *9*(6). <https://doi.org/10.1371/journal.pone.0099572>
- Foretz, M., Guigas, B., Bertrand, L., Pollak, M., & Viollet, B. (2014). Metformin: From mechanisms of action to therapies. *Cell Metabolism*, *20*(6), 953–966. <https://doi.org/10.1016/j.cmet.2014.09.018>
- Gafoor, A. K. (2012). Considerations in measurement of awareness. *National Seminar on Emerging Trends in Education, November*, 1–6.
- Gao, X., Cai, X., Yang, W., Chen, Y., Han, X., & Ji, L. (2018). Meta-analysis and critical review on the efficacy and safety of alpha-glucosidase inhibitors in Asian and non-Asian populations. *Journal of Diabetes Investigation*, *9*(2), 321–331. <https://doi.org/10.1111/jdi.12711>
- Garg, G., Tyler, J. R., Yang, J. H. M., Cutler, A. J., & Downes, K. (2012). Type 1 Diabetes-associated IL2RA variation lowers IL-2 signaling and function. *Journal Of Immunology*, *188*(9), 4644–4653. <https://doi.org/10.4049/jimmunol.1100272>.Type
- Gebru, T., & Lentiro, K. (2018). The impact of community-based health insurance on health-related quality of life and associated factors in Ethiopia: A comparative cross-sectional study. *Health and Quality of Life Outcomes*, *16*(1), 1–6. <https://doi.org/10.1186/s12955-018-0946-3>
- Ghembaza, M. A., Senoussaoui, Y., Tani, M., & Meguenni, K. (2014). Impact of Patient Knowledge of Hypertension Complications on Adherence to Antihypertensive Therapy. *Current Hypertension Reviews*, *10*(1), 41–48. <https://doi.org/10.2174/157340211001141111160653>
- Gheorghe, A., Griffiths, U., Murphy, A., Legido-Quigley, H., Lamptey, P., & Perel, P. (2018). The economic burden of cardiovascular disease and hypertension in low- and middle-income countries: A systematic review. *BMC Public Health*, *18*(1), 1–11. <https://doi.org/10.1186/s12889-018-5806-x>

- Godfraind, T. (2014). Calcium channel blockers in cardiovascular pharmacotherapy. *Journal of Cardiovascular Pharmacology and Therapeutics*, 19(6), 501–515. <https://doi.org/10.1177/1074248414530508>
- Gomes, K. F. B., Santos, A. S., Semzezem, C., Correia, M. R., Brito, L. A., Ruiz, M. O., Fukui, R. T., Matioli, S. R., Passos-Bueno, M. R., & Silva, M. E. R. Da. (2017). The influence of population stratification on genetic markers associated with type 1 diabetes. *Scientific Reports*, 7(March), 1–10. <https://doi.org/10.1038/srep43513>
- Gooding, H. C., McGinty, S., Richmond, T. K., Gillman, M. W., & Field, A. E. (2014). Hypertension awareness and control among young adults in the National Longitudinal Study of Adolescent Health. *Journal of General Internal Medicine*, 29(8), 1098–1104. <https://doi.org/10.1007/s11606-014-2809-x>
- Gordon, K., Smith, F., & Dhillon, S. (2007a). Effective chronic disease management: Patients' perspectives on medication-related problems. *Patient Education and Counseling*, 65(3), 407–415. <https://doi.org/10.1016/j.pec.2006.09.012>
- Gordon, K., Smith, F., & Dhillon, S. (2007b). Effective chronic disease management: patients' perspectives on medication-related problems. *Patient Education and Counseling*, 65(3), 407–415. <https://doi.org/10.1016/j.pec.2006.09.012>
- Graham, B. (2016). Defining and Measuring Patient Satisfaction. *Journal of Hand Surgery*, 41(9), 929–931. <https://doi.org/10.1016/j.jhsa.2016.07.109>
- Guimond, A. J., Kubzansky, L. D., Boehm, J. K., Kivimaki, M., & Trudel-Fitzgerald, C. (2021). Does life satisfaction reduce risk of incident hypertension and stroke? Evidence from the Whitehall II cohort. *Journal of Psychosomatic Research*, 144(November 2020). <https://doi.org/10.1016/j.jpsychores.2021.110414>
- Hamrahan, S. M., & Falkner, B. (2022). Approach to Hypertension in Adolescents and Young Adults. *Current Cardiology Reports*, 24(2), 131–140. <https://doi.org/10.1007/s11886-021-01632-x>
- Herningtyas, E. H., & Ng, T. S. (2019). Prevalence and distribution of metabolic syndrome and its components among provinces and ethnic groups in Indonesia. *BMC Public Health*, 19(1), 1–12. <https://doi.org/10.1186/s12889-019-6711-7>
- Ho, B. K., Jasvinder, K., Gurpreet, K., Ambigga, D., Suthahar, A., Cheong, S. M., & Lim, K. H. (2014). Prevalence, awareness, treatment and control of diabetes mellitus among the elderly: The 2011 National Health and Morbidity Survey, Malaysia. *Malaysian Family Physician*, 9(3), 12–19.
- Hussain, M. A., Al Mamun, A., Reid, C., & Huxley, R. R. (2016). Prevalence, awareness, treatment and control of hypertension in Indonesian adults aged

- ≥40 years: Findings from the Indonesia Family Life Survey (IFLS). *PLoS ONE*, *11*(8), 1–16. <https://doi.org/10.1371/journal.pone.0160922>
- IDF. (2021). *IDF Diabetes Atlas 10th Edition*. International Diabetes Federation.
- IFLS-5. (2014a). BUKU III A. In *SURVEI ASPEK KEHIDUPAN RUMAH TANGGA INDONESIA 2014* (Vol. 2, pp. 81–142). RAND.
- IFLS-5. (2014b). Buku III B. In *Survei Aspek Kehidupan Rumah Tangga Indonesia 2014*. RAND.
- Ip, Q., Malone, D. C., Chong, J., Harris, R. B., & Labiner, D. M. (2018). Economic impact of epilepsy and the cost of nonadherence to antiepileptic drugs in older Medicare beneficiaries. *Epilepsy and Behavior*, *80*, 208–214. <https://doi.org/10.1016/j.yebeh.2018.01.009>
- Jakobsen, J. C., Gluud, C., Wetterslev, J., & Winkel, P. (2017). When and how should multiple imputation be used for handling missing data in randomised clinical trials - A practical guide with flowcharts. *BMC Medical Research Methodology*, *17*(1), 1–10. <https://doi.org/10.1186/s12874-017-0442-1>
- James, P. A., Oparil, S., Carter, B. L., Cushman, W. C., Dennison-Himmelfarb, C., Handler, J., Lackland, D. T., LeFevre, M. L., MacKenzie, T. D., Ogedegbe, O., Smith, S. C., Svetkey, L. P., Taler, S. J., Townsend, R. R., Wright, J. T., Narva, A. S., & Ortiz, E. (2014). 2014 Evidence-based guideline for the management of high blood pressure in adults: Report from the panel members appointed to the Eighth Joint National Committee (JNC 8). *JAMA - Journal of the American Medical Association*, *311*(5), 507–520. <https://doi.org/10.1001/jama.2013.284427>
- Jarrin, D. C., Alvaro, P. K., Bouchard, M. A., Jarrin, S. D., Drake, C. L., & Morin, C. M. (2018). Insomnia and hypertension: A systematic review. *Sleep Medicine Reviews*, *41*, 3–38. <https://doi.org/10.1016/j.smr.2018.02.003>
- Jarvis, F. M. (2018). Gender differences in glucose homeostasis and diabetes. *Physiology & Behavior*, *187*(1), 20–23. <https://doi.org/10.1016/j.physbeh.2017.08.016>
- Jaya, R. I., Zettyana, Y. R., Bakri, A., Yuwono, Y., & Aditiawati, A. (2018). Polymorphisms associated with type 1 diabetes mellitus. *Paediatrica Indonesiana*, *58*(6), 274–279. <https://doi.org/10.14238/pi58.6.2018.274-9>
- Jneid, S., Jabbour, H., Hajj, A., Sarkis, A., Licha, H., Hallit, S., & Khabbaz, L. R. (2018). Quality of Life and Its Association With Treatment Satisfaction, Adherence to Medication, and Trust in Physician Among Patients With Hypertension: A Cross-Sectional Designed Study. *Journal of Cardiovascular Pharmacology and Therapeutics*, *23*(6), 532–542. <https://doi.org/10.1177/1074248418784292>
- Johnson, H. M., Warner, R. C., Lamantia, J. N., & Bowers, B. J. (2016). “I have to live like I’m old.” Young adults’ perspectives on managing hypertension:

- A multi-center qualitative study. *BMC Family Practice*, 17(1), 1–9.
<https://doi.org/10.1186/s12875-016-0428-9>
- Joshi, M. D., Ayah, R., Njau, E. K., Wanjiru, R., Kayima, J. K., Njeru, E. K., & Mutai, K. K. (2014). Prevalence of hypertension and associated cardiovascular risk factors in an urban slum in Nairobi, Kenya: A population-based survey. *BMC Public Health*, 14(1), 1–10.
<https://doi.org/10.1186/1471-2458-14-1177>
- Katsarou, A., Gudbjörnsdóttir, S., Rawshani, A., Dabelea, D., Bonifacio, E., Anderson, B. J., Jacobsen, L. M., Schatz, D. A., & Lernmark, A. (2017). Type 1 diabetes mellitus. *Nature Reviews Disease Primers*, 3, 1–18.
<https://doi.org/10.1038/nrdp.2017.16>
- Kautzky-Willer, A., Harreiter, J., & Pacini, G. (2016). Sex and gender differences in risk, pathophysiology and complications of type 2 diabetes mellitus. *Endocrine Reviews*, 37(3), 278–316. <https://doi.org/10.1210/er.2015-1137>
- Kemenkes RI. (2018). Hasil Riset Kesehatan Dasar Tahun 2018. In *Kementrian Kesehatan RI* (Vol. 53, Issue 9).
- Khan, M. Y., Riaz, R., Malik, S. A., Ali, M., & Afzal, M. S. (2018). Association of CTLA-4 polymorphisms and autoimmune type-1 diabetes mellitus susceptibility in Pakistani population. *Turkish Journal of Biochemistry*, 43(2), 173–175. <https://doi.org/10.1515/tjb-2017-0079>
- Khoo, Y. Y., Farid, N. D. N., Choo, W. Y., & Omar, A. (2022). Prevalence, awareness, treatment and control of young-onset hypertension in Malaysia, 2006–2015. *Journal of Human Hypertension*, 36(1), 106–116.
<https://doi.org/10.1038/s41371-020-00478-0>
- Kiselev, A. R., Posnenkova, O. M., Belova, O. A., Romanchuk, S. V., Popova, Y. V., Prokhorov, M. D., & Gridnev, V. I. (2017). Impact of Clinical Factors on the Achievement of Target Blood Pressure in Hypertensive Patients from Ivanovo Region of Russia: Data of 2015. *High Blood Pressure and Cardiovascular Prevention*, 24(4), 425–435. <https://doi.org/10.1007/s40292-017-0227-y>
- Kjeldsen, S. E. (2018). Hypertension and cardiovascular risk: General aspects. *Pharmacological Research*, 129, 95–99.
<https://doi.org/10.1016/j.phrs.2017.11.003>
- Knight, Z. G. (2017). A proposed model of psychodynamic psychotherapy linked to Erik Erikson's eight stages of psychosocial development. *Clinical Psychology & Psychotherapy*, 24(5), 1047–1058.
<https://doi.org/10.1002/cpp.2066>
- Kretchy, I., Owusu-Daaku, F., & Danquah, S. (2013). Spiritual and religious beliefs: Do they matter in the medication adherence behaviour of hypertensive patients? *BioPsychoSocial Medicine*, 7(1), 1.
<https://doi.org/10.1186/1751-0759-7-15>

- Lascar, N., Brown, J., Pattison, H., Barnett, A. H., Bailey, C. J., & Bellary, S. (2018). Type 2 diabetes in adolescents and young adults. *The Lancet Diabetes and Endocrinology*, 6(1), 69–80. [https://doi.org/10.1016/S2213-8587\(17\)30186-9](https://doi.org/10.1016/S2213-8587(17)30186-9)
- Lawlor, C. M., Ananth, A., Barton, B. M., Flowers, T. C., & McCoul, E. D. (2018). Pharmacotherapy for Angiotensin-Converting Enzyme Inhibitor–Induced Angioedema: A Systematic Review. *Otolaryngology - Head and Neck Surgery (United States)*, 158(2), 232–239. <https://doi.org/10.1177/0194599817737974>
- Lee, J., Kim, K. H., Ahn, J. C., Kim, J. A., Lee, G., Son, J. S., Choi, S. J., Oh, Y. H., & Park, S. M. (2021). Prevalence, awareness, treatment, and control of diabetes mellitus by depressive symptom severity: A cross-sectional analysis of NHANES 2011-2016. *BMJ Open Diabetes Research and Care*, 9(1), 1–9. <https://doi.org/10.1136/bmjdr-2021-002268>
- Li, C. (2013). Little’s test of missing completely at random. *Stata Journal*, 13(4), 795–809. <https://doi.org/10.1177/1536867x1301300407>
- Li, H., Yan, X., Deng, X., Yang, L., Zhao, S., Zou, J., Luo, Y., & Cao, S. (2017). A cross-sectional study of the prevalence, awareness, treatment and control of hypertension in Shenzhen, China. *BMJ Open*, 7(6), 1–7. <https://doi.org/10.1136/bmjopen-2016-015206>
- Lim, S. W., Jin, J. Z., Jin, L., Jin, J., & Li, C. (2015). Role of dipeptidyl peptidase-4 inhibitors in new-onset diabetes after transplantation. *Korean Journal of Internal Medicine*, 30(6), 759–770. <https://doi.org/10.3904/kjim.2015.30.6.759>
- Liu, S. Y., Huang, J., Dong, Q. L., Li, B., Zhao, X., Xu, R., & Yin, H. F. (2020). Diabetes distress, happiness, and its associated factors among type 2 diabetes mellitus patients with different therapies. *Medicine*, 99(11), e18831. <https://doi.org/10.1097/MD.00000000000018831>
- Lopez-Vargas, P. A., Tong, A., Howell, M., Phoon, R. K. S., Chadban, S. J., Shen, Y., & Craig, J. C. (2017). Patient awareness and beliefs about the risk factors and comorbidities associated with chronic kidney disease : A mixed-methods study. *Nephrology*, 22(5), 374–381. <https://doi.org/10.1111/nep.12829>
- Lu, J., Lu, Y., Wang, X., Li, X., Linderman, G. C., Wu, C., Cheng, X., Mu, L., Zhang, H., Liu, J., Su, M., Zhao, H., Spatz, E. S., Spertus, J. A., Masoudi, F. A., Krumholz, H. M., & Jiang, L. (2017). Prevalence, awareness, treatment, and control of hypertension in China: data from 1.7 million adults in a population-based screening study (China PEACE Million Persons Project). *The Lancet*, 390(10112), 2549–2558. [https://doi.org/10.1016/S0140-6736\(17\)32478-9](https://doi.org/10.1016/S0140-6736(17)32478-9)
- Lv, W., Wang, X., Xu, Q., & Lu, W. (2019). Mechanisms and Characteristics of Sulfonylureas and Glinides. *Current Topics in Medicinal Chemistry*, 20(1),

37–56. <https://doi.org/10.2174/1568026620666191224141617>

- Maimaris, W., Paty, J., Perel, P., Legido-Quigley, H., Balabanova, D., Nieuwlaat, R., & Mckee, M. (2013). The Influence of Health Systems on Hypertension Awareness, Treatment, and Control: A Systematic Literature Review. *PLoS Medicine*, *10*(7), e1001490. <https://doi.org/10.1371/journal.pmed.1001490>
- Mallat, S. G., Itani, H. S., & Tanios, B. Y. (2013). Current perspectives on combination therapy in the management of hypertension. *Integrated Blood Pressure Control*, *6*, 69–78. <https://doi.org/10.2147/IBPC.S33985>
- Mathieu, C., Gillard, P., & Benhalima, K. (2017). Insulin analogues in type 1 diabetes mellitus: Getting better all the time. *Nature Reviews Endocrinology*, *13*(7), 385–399. <https://doi.org/10.1038/nrendo.2017.39>
- Mekonnen, G. B., & Gelayee, D. A. (2020). Low Medication Knowledge and Adherence to Oral Chronic Medications among Patients Attending Community Pharmacies: A Cross-Sectional Study in a Low-Income Country. *BioMed Research International*, *2020*. <https://doi.org/10.1155/2020/4392058>
- Messerli, F. H., Bangalore, S., Bavishi, C., & Rimoldi, S. F. (2018). Angiotensin-Converting Enzyme Inhibitors in Hypertension: To Use or Not to Use? *Journal of the American College of Cardiology*, *71*(13), 1474–1482. <https://doi.org/10.1016/j.jacc.2018.01.058>
- Mills, K. T., Bundy, J. D., Kelly, T. N., Reed, J. E., Kearney, P. M., Reynolds, K., Chen, J., & He, J. (2016). Global Disparities of Hypertension Prevalence and Control: A Systematic Analysis of Population-based Studies from 90 Countries. *Circulation*, *134*(6), 441–450. <https://doi.org/10.1161/CIRCULATIONAHA.115.018912>. Global
- Mills, K. T., Stefanescu, A., & He, J. (2016). The global epidemiology of hypertension. *Physiology & Behavior*, *176*(1), 139–148. <https://doi.org/10.1038/s41581-019-0244-2>. The
- Mirzaei, M., Mirzaei, M., Bagheri, B., & Dehghani, A. (2020). Awareness, treatment, and control of hypertension and related factors in adult Iranian population. *BMC Public Health*, *20*(1), 1–10. <https://doi.org/10.1186/s12889-020-08831-1>
- Müller, T. D., Finan, B., Bloom, S. R., D'Alessio, D., Drucker, D. J., Flatt, P. R., Fritsche, A., Gribble, F., Grill, H. J., Habener, J. F., Holst, J. J., Langhans, W., Meier, J. J., Nauck, M. A., Perez-Tilve, D., Pocai, A., Reimann, F., Sandoval, D. A., Schwartz, T. W., ... Tschöp, M. H. (2019). Glucagon-like peptide 1 (GLP-1). *Molecular Metabolism*, *30*(September), 72–130. <https://doi.org/10.1016/j.molmet.2019.09.010>
- Na-Ek, N., Srithong, J., Aonkhum, A., Boonsom, S., Charoen, P., & Demakakos, P. (2022). Educational level as a cause of type 2 diabetes mellitus: Caution from triangulation of observational and genetic evidence. *Acta Diabetologica*, *59*(1), 127–135. <https://doi.org/10.1007/s00592-021-01795-7>

- Nasri, H., & Rafieian-Kopaei, M. (2014). Metformin: Current knowledge. *Journal of Research in Medical Sciences*, 19(7), 658–664.
- NCD-RisC. (2021). Worldwide trends in hypertension prevalence and progress in treatment and control from 1990 to 2019: a pooled analysis of 1201 population-representative studies with 104 million participants. *The Lancet*, 398(10304), 957–980. [https://doi.org/10.1016/S0140-6736\(21\)01330-1](https://doi.org/10.1016/S0140-6736(21)01330-1)
- Ngo, T. T., Hoang, P. N., Pham, H. V., Nguyen, D. N., Bui, H. T. T., Nguyen, A. T., Do, T. D., Dang, N. T., Dinh, H. Q., Truong, D. Q., & Le, T. A. (2021). Routine Medical Check-Up and Self-Treatment Practices among Community-Dwelling Living in a Mountainous Area of Northern Vietnam. *BioMed Research International*, 2021. <https://doi.org/10.1155/2021/8734615>
- Obirikorang, Y., Obirikorang, C., Anto, E. O., Acheampong, E., Batu, E. N., Stella, A. D., Constance, O., & Brenya, P. K. (2016). Knowledge of complications of diabetes mellitus among patients visiting the diabetes clinic at Sampa Government Hospital, Ghana: A descriptive study. *BMC Public Health*, 16(1), 1–8. <https://doi.org/10.1186/s12889-016-3311-7>
- Odedosu, T., Schoenthaler, A., Vieira, D. L., Agyemang, C., & Ogedegbe, G. (2012). Overcoming barriers to hypertension control in African Americans. *Cleveland Clinic Journal of Medicine*, 79(1), 46–56. <https://doi.org/10.3949/ccjm.79a.11068>
- Odili, A. N., Chori, B. S., Danladi, B., Nwakile, P. C., Okoye, I. C., Abdullahi, U., Nwegbu, M. N., Zawaya, K., Essien, I., Sada, K., Ogedengbe, J. O., Aje, A., & Isiguzo, G. C. (2020). Prevalence, awareness, treatment and control of hypertension in Nigeria: Data from a nationwide survey 2017. *Global Heart*, 15(1), 1–13. <https://doi.org/10.5334/GH.848>
- Oliver, E., Mayor Jr, F., & D’Ocon, P. (2019). Beta-blockers: Historical Perspective and Mechanisms of Action. *Revista Española de Cardiología (English Edition)*, 72(10), 853–862. <https://doi.org/10.1016/j.rec.2019.04.006>
- Olives, C., Myerson, R., Mokdad, A. H., Murray, C. J. L., & Lim, S. S. (2013). Prevalence, Awareness, Treatment, and Control of Hypertension in United States Counties, 2001-2009. *PLoS ONE*, 8(4). <https://doi.org/10.1371/journal.pone.0060308>
- Pai, P. Y., Muo, C. H., Sung, F. C., Ho, H. C., & Lee, Y. T. (2016). Angiotensin receptor blockers (ARB) outperform angiotensin-converting enzyme (ACE) inhibitors on ischemic stroke prevention in patients with hypertension and diabetes - A real-world population study in Taiwan. *International Journal of Cardiology*, 215, 114–119. <https://doi.org/10.1016/j.ijcard.2016.04.096>
- Pascal, I. G. U., Ofoedu, J. N., Uchenna, N. P., Nkwa, A. A., & Uchamma, G. U. E. (2012). Blood glucose control and medication adherence among adult type 2 diabetic Nigerians attending a primary care clinic in under-resourced environment of eastern Nigeria. *North American Journal of Medical Sciences*, 4(7), 310–315. <https://doi.org/10.4103/1947-2714.98590>

- Peltzer, K., & Pengpid, S. (2018). The Prevalence and Social Determinants of Hypertension among Adults in Indonesia: A Cross-Sectional Population-Based National Survey. *International Journal of Hypertension*, 2018. <https://doi.org/10.1155/2018/5610725>
- Peltzer, K., & Pengpid, S. (2019). Prevalence, social and health correlates of insomnia among persons 15 years and older in Indonesia. *Psychology, Health and Medicine*, 24(6), 757–768. <https://doi.org/10.1080/13548506.2019.1566621>
- Perhimpunan Dokter Hipertensi Indonesia. (2019). *Konsensus Penatalaksanaan Hipertensi Indonesia: Indonesian Societi of Hypertension* (N. M. H. Antonia Anna Lukito, Eka Harmeiwaty (ed.)). Perhimpunan Dokter Hipertensi Indonesia. http://www.inash.or.id/upload/event/event_Update_konsensus_2019123191.pdf
- PERKENI. (2021). Pedoman Pengelolaan dan Pencegahan Diabetes Melitus Tipe 2 Dewasa di Indonesia. In *Perkumpulan Endokrinologi Indonesia*. PB PERKENI.
- Perry, R. J., & Shulman, G. I. (2020). Sodium-glucose cotransporter-2 inhibitors: Understanding the mechanisms for therapeutic promise and persisting risks. *Journal of Biological Chemistry*, 295(42), 14379–14390. <https://doi.org/10.1074/jbc.REV120.008387>
- Pinargote, P., Guillen, D., & Guarderas, J. C. (2014). ACE inhibitors: Upper respiratory symptoms. *BMJ Case Reports*, 1–3. <https://doi.org/10.1136/bcr-2014-205462>
- Rahman, M. S., Akter, S., Abe, S. K., Islam, M. R., Mondal, M. N. I., Rahman, J. A. M. S., & Rahman, M. M. (2015). Awareness, treatment, and control of diabetes in Bangladesh: A nationwide population-based study. *PLoS ONE*, 10(2), 1–14. <https://doi.org/10.1371/journal.pone.0118365>
- Razanskaite-Virbickiene, D., Danyte, E., & Žalinkevičius, R. (2016). HLA-DRB1*03 as a risk factor for microalbuminuria in same duration of type 1 diabetes: A case control study. *BMC Nephrology*, 17(1), 1–6. <https://doi.org/10.1186/s12882-016-0252-4>
- Romain, M., & Sprung, C. L. (2014). Approaches to patients and families with strong religious beliefs regarding end-of-life care. *Current Opinion in Critical Care*, 20(6), 668–672. <https://doi.org/10.1097/MCC.0000000000000148>
- Roush, G. C., & Sica, D. A. (2016). Diuretics for hypertension: A review and update. *American Journal of Hypertension*, 29(10), 1130–1137. <https://doi.org/10.1093/ajh/hpw030>
- Safari-Faramani, R., Rajati, F., Tavakol, K., Hamzeh, B., Pashar, Y., Moradinazar, M., & Najafi, F. (2019). Prevalence, awareness, treatment,

- control, and the associated factors of diabetes in an Iranian Kurdish population. *Journal of Diabetes Research*, 2019. <https://doi.org/10.1155/2019/5869206>
- Salvo, F., Moore, N., Arnaudl, M., Robinson, P., Raschi, E., De Ponti, F., Bégaud, B., & Pariente, A. (2016). Addition of dipeptidyl peptidase-4 inhibitors to sulphonylureas and risk of hypoglycaemia: Systematic review and meta-analysis. *BMJ*, 353, 1–9. <https://doi.org/10.1136/bmj.i2231>
- Saxena, T., Ali, A. O., & Saxena, M. (2018). Pathophysiology of essential hypertension: an update. *Expert Review of Cardiovascular Therapy*, 16(12), 879–887. <https://doi.org/10.1080/14779072.2018.1540301>
- Schipper, S. B. J., Van Veen, M. M., Elders, P. J. M., van Straten, A., Van Der Werf, Y. D., Knutson, K. L., & Rutters, F. (2021). Sleep disorders in people with type 2 diabetes and associated health outcomes: a review of the literature. *Diabetologia*, 64(11), 2367–2377. <https://doi.org/10.1007/s00125-021-05541-0>
- Schwartz, S. S., Epstein, S., Corkey, B. E., Grant, S. F. A., Gavin, J. R., & Aguilar, R. B. (2016). The time is right for a new classification system for diabetes: Rationale and implications of the β -cell-centric classification schema. *Diabetes Care*, 39(2), 179–186. <https://doi.org/10.2337/dc15-1585>
- Shahin, W., Kennedy, G. A., & Stupans, I. (2019). The impact of personal and cultural beliefs on medication adherence of patients with chronic illnesses: A systematic review. *Patient Preference and Adherence*, 13, 1019–1035. <https://doi.org/10.2147/PPA.S212046>
- Shahzad, A., Ahmad, M. M., Anwer, I., Ijaz, N., Shahzad, M., & Usman, M. (2018). Gender-specific Knowledge of Diabetes and Its Management Among Patients Visiting Outpatient Clinics in Faisalabad, Pakistan. *Cureus*, 10(8), 2–10. <https://doi.org/10.7759/cureus.3119>
- Sharp, R. C., Abdulrahim, M., Naser, E. S., & Naser, S. A. (2015). Genetic variations of PTPN2 and PTPN22: Role in the pathogenesis of Type 1 diabetes and Crohn's disease. *Frontiers in Cellular and Infection Microbiology*, 5(DEC), 1–7. <https://doi.org/10.3389/fcimb.2015.00095>
- Siddiqui, M., Khan, M., & Carline, T. (2013). Gender Differences in Living with Diabetes Mellitus. *Materia Socio Medica*, 25(2), 140. <https://doi.org/10.5455/msm.2013.25.140-142>
- Simbolon, D., Siregar, A., & Talib, R. A. (2020). Physiological factors and physical activity contribute to the incidence of type 2 diabetes mellitus in Indonesia. *Kesmas*, 15(3), 120–127. <https://doi.org/10.21109/KESMAS.V15I3.3354>
- Simes, B. C., & Macgregor, G. G. (2019). Sodium-Glucose Cotransporter-2 (SGLT2) Inhibitors : A Clinician ' s Guide. *Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy*, 12, 2125–2136.

- Singh, S., Shankar, R., & Singh, G. P. (2017). Prevalence and Associated Risk Factors of Hypertension: A Cross-Sectional Study in Urban Varanasi. *International Journal of Hypertension*, 2017. <https://doi.org/10.1155/2017/5491838>
- Sola, D., Rossi, L., Schianca, G. P. C., Maffioli, P., Bigliocca, M., Mella, R., Corliandò, F., Paolo Fra, G., Bartoli, E., & Derosa, G. (2015). Sulfonylureas and their use in clinical practice. *Archives of Medical Science*, 11(4), 840–848. <https://doi.org/10.5114/aoms.2015.53304>
- Song, J. J., Ma, Z., Wang, J., Chen, L. X., & Zhong, J. C. (2020). Gender Differences in Hypertension. *Journal of Cardiovascular Translational Research*, 13(1), 47–54. <https://doi.org/10.1007/s12265-019-09888-z>
- Song, S. H. (2012). Emerging type 2 diabetes in young adults. *Advances in Experimental Medicine and Biology*, 771, 51–61. https://doi.org/10.1007/978-1-4614-5441-0_7
- Strauss, J., Witoelar, F., & Sikoki, B. (2016). The Fifth Wave of the Indonesia Family Life Survey: Overview and Field Report: Volume 1. *The Fifth Wave of the Indonesia Family Life Survey: Overview and Field Report: Volume 1*, 1(March). <https://doi.org/10.7249/wr1143.1>
- Sujarwoto, S., & Maharani, A. (2020). Participation in community-based health care interventions (CBHIs) and its association with hypertension awareness, control and treatment in Indonesia. *PLoS ONE*, 15(12 December), 1–18. <https://doi.org/10.1371/journal.pone.0244333>
- Sullivan, S. D., Dalal, M. R., & Burke, J. P. (2013). The Impact of Diabetes Counseling and Education: Clinical and Cost Outcomes From a Large Population of US Managed Care Patients With Type 2 Diabetes. *The Diabetes Educator*, 39(4), 523–531. <https://doi.org/10.1177/0145721713486525>
- Supiyev, A., Kossumov, A., Kassenova, A., Nurgozhin, T., Zhumadilov, Z., Peasey, A., & Bobak, M. (2016). Diabetes prevalence, awareness and treatment and their correlates in older persons in urban and rural population in the Astana region, Kazakhstan. *Diabetes Research and Clinical Practice*, 112, 6–12. <https://doi.org/10.1016/j.diabres.2015.11.011>
- Świątoniowska-Lonc, N., Polański, J., Tański, W., & Jankowska-Polańska, B. (2020). Impact of satisfaction with physician–patient communication on self-care and adherence in patients with hypertension: cross-sectional study. *BMC Health Services Research*, 20(1), 1–9. <https://doi.org/10.1186/s12913-020-05912-0>
- Tamhane, S., Rodriguez-Gutierrez, R., Hargraves, I., & Montori, V. M. (2015). Shared Decision-Making in Diabetes Care. *Current Diabetes Reports*, 15(112), 1–10. <https://doi.org/10.1007/s11892-015-0688-0>
- Tan, E., Khoo, J., Gani, L. U., Malakar, R. D., Tay, T. L., Tirukonda, P. S., Kam,

- J. W., Tin, A. S., & Tang, T. Y. (2019). Effect of multidisciplinary intensive targeted care in improving diabetes mellitus outcomes: A randomized controlled pilot study - The Integrated Diabetes Education, Awareness and Lifestyle modification in Singapore (IDEALS) Program. *Trials*, 20(1), 1–10. <https://doi.org/10.1186/s13063-019-3601-3>
- Tanoey, J., & Becher, H. (2021). Diabetes prevalence and risk factors of early-onset adult diabetes: results from the Indonesian family life survey. *Global Health Action*, 14(1). <https://doi.org/10.1080/16549716.2021.2001144>
- Thomopoulos, C., Bazoukis, G., Tsioufis, C., & Mancia, G. (2020). Beta-blockers in hypertension: overview and meta-analysis of randomized outcome trials. *Journal of Hypertension*, 38(9), 1669–1681. <https://doi.org/10.1097/HJH.0000000000002523>
- Tran, K. L., Park, Y. I., Pandya, S., Muliyl, N. J., & David, B. (2017). Overview of Glucagon-Like Peptide-1 Receptor Agonists for the Treatment of Patients with Type 2 Diabetes. *American Health & Drug Benefits*, 10(4), 178–188. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5536194/pdf/ahdb-10-178.pdf>
- Turana, Y., Tenglawan, J., & Soenarta, A. A. (2020). Asian management of hypertension: Current status, home blood pressure, and specific concerns in Indonesia. *Journal of Clinical Hypertension*, 22(3), 483–485. <https://doi.org/10.1111/jch.13681>
- Turner, B. J., Hollenbeak, C., Weiner, M. G., Have, T. Ten, & Roberts, C. (2009). Barriers to adherence and hypertension control in a racially diverse representative sample of elderly primary care patients. *Pharmacoepidemiology and Drug Safety*, 18(5), 672–681. <https://doi.org/10.1002/pds>
- Unger, J., & Parkin, C. (2011). Hypoglycemia in insulin-treated diabetes: A case for increased vigilance. *Postgraduate Medicine*, 123(4), 81–91. <https://doi.org/10.3810/pgm.2011.07.2307>
- Vieira, R., Souto, S. B., Sánchez-López, E., Machado, A. L., Severino, P., Jose, S., Santini, A., Fortuna, A., García, M. L., Silva, A. M., & Souto, E. B. (2019). Sugar-lowering drugs for type 2 diabetes mellitus and metabolic syndrome—review of classical and new compounds: Part-I. *Pharmaceuticals*, 12(152), 1–31. <https://doi.org/10.3390/ph12040152>
- Vilagut, G., Forero, C. G., Barbaglia, G., & Alonso, J. (2016). Screening for depression in the general population with the center for epidemiologic studies depression (ces-d): A systematic review with meta-analysis. *PLoS ONE*, 11(5), 1–17. <https://doi.org/10.1371/journal.pone.0155431>
- Wahab, N. A. A., Bakry, M. M., Ahmad, M., Noor, Z. M., & Ali, A. M. (2021). Exploring culture, religiosity and spirituality influence on antihypertensive medication adherence among specialised population: A qualitative ethnographic approach. *Patient Preference and Adherence*, 15(May), 2249–

2265. <https://doi.org/10.2147/PPA.S319469>

- Wang, Y. W., He, S. J., Feng, X., Cheng, J., Luo, Y. T., Tian, L., & Huang, Q. (2017). Metformin: A review of its potential indications. *Drug Design, Development and Therapy*, *11*, 2421–2429. <https://doi.org/10.2147/DDDT.S141675>
- Watkins, Y. J., Quinn, L. T., Ruggiero, L., Quinn, M. T., & Choi, Y.-K. (2013). Spiritual and Religious Beliefs and Practices, and Social Support's Relationship to Diabetes Self-Care Activities in African Americans. *Diabetes Educator*, *39*(2), 231–239. <https://doi.org/10.1177/0145721713475843.Spiritual>
- White, R. O., Eden, S., Wallston, K. A., Kripalani, S., Barto, S., Shintani, A., & Rothman, R. L. (2015). Health communication, self-care, and treatment satisfaction among low-income diabetes patients in a public health setting. *Patient Education and Counseling*, *98*(2), 144–149. <https://doi.org/10.1016/j.pec.2014.10.019>
- WHO. (2012). Fact Sheet Quick facts: Diabetes Regional Office for South-East Asia. In *World Health Organization*.
- WHO. (2018a). *Indonesia: Non Communicable Diseases Country Profiles 2018* WHO. <https://www.who.int/nmh/publications/ncd-profiles-2018/en/>
- WHO. (2018b). Noncommunicable Diseases Country Profiles 2018. In *World Health Organization*. Worl.
- WHO. (2021). *Fact Sheets: Diabetes*. World Health Organization. [https://www.who.int/news-room/fact-sheets/detail/diabetes#:~:text=In 2019%2C diabetes was the direct cause of 1.5 million,age of 70\) from diabetes.](https://www.who.int/news-room/fact-sheets/detail/diabetes#:~:text=In 2019%2C diabetes was the direct cause of 1.5 million,age of 70) from diabetes.)
- Williams, B. (2016). Drug discovery in renin-angiotensin system intervention: Past and future. *Therapeutic Advances in Cardiovascular Disease*, *10*(3), 118–125. <https://doi.org/10.1177/1753944716642680>
- Wiysonge, C. S., Bradley, H. A., Volmink, J., Mayosi, B. M., & Opie, L. H. (2017). Beta-blockers for hypertension. *Cochrane Database of Systematic Reviews*, *2017*(1). <https://doi.org/10.1002/14651858.CD002003.pub5>
- Yau, H., Rivera, K., Lomonaco, R., & Cusi, K. (2013). The future of thiazolidinedione therapy in the management of type 2 diabetes mellitus. *Current Diabetes Reports*, *13*(3), 329–341. <https://doi.org/10.1007/s11892-013-0378-8>
- Yip, W., Wong, T. Y., Jonas, J. B., Zheng, Y., Lamoureux, E. L., Nangia, V., & Sabanayagam, C. (2013). Prevalence, awareness, and control of hypertension among Asian Indians living in urban Singapore and rural India. *Journal of Hypertension*, *31*(8), 1539–1546. <https://doi.org/10.1097/HJH.0b013e328361d52b>

- Yu, L., Buysse, D. J., Germain, A., Moul, D. E., Stover, A., Dodds, N. E., Johnston, K. L., & Piconis, P. A. (2011). Development of Short Forms from the PROMIS Sleep Disturbance and Sleep-Related Impairment Item Banks. *Behav Sleep Med, 10*(1), 6–24.
<https://doi.org/10.1080/15402002.2012.636266>.Development
- Yusuf, S., Rangarajan, S., Teo, K., Islam, S., Li, W., Liu, L., Bo, J., Lou, Q., Lu, F., Liu, T., Yu, L., Zhang, S., Mony, P., Swaminathan, S., Mohan, V., Gupta, R., Kumar, R., Vijayakumar, K., Lear, S., ... Dagenais, G. (2014). Cardiovascular Risk and Events in 17 Low-, Middle-, and High-Income Countries. *New England Journal of Medicine, 371*(9), 818–827.
<https://doi.org/10.1056/nejmoa1311890>
- Zaccardi, F., Webb, D. R., Yates, T., & Davies, M. J. (2016). Pathophysiology of type 1 and type 2 diabetes mellitus: A 90-year perspective. *Postgraduate Medical Journal, 92*(1084), 63–69. <https://doi.org/10.1136/postgradmedj-2015-133281>
- Zhang, Y., & Andrew, E. M. (2017). Trends in the Prevalence, Awareness, Treatment, and Control of Hypertension among young Adults in the United States, 1999– 2014. *Hypertension, 70*(4), 736–742.
<https://doi.org/10.1161/HYPERTENSIONAHA.117.09801>.Trends
- Zhou, B., Carrillo-Larco, R. M., Danaei, G., Riley, L. M., Paciorek, C. J., Stevens, G. A., Gregg, E. W., Bennett, J. E., Solomon, B., Singleton, R. K., Sophia, M. K., Iurilli, M. L., Lhoste, V. P., Cowan, M. J., Savin, S., Woodward, M., Balanova, Y., Cifkova, R., Damasceno, A., ... Ezzati, M. (2021). Worldwide trends in hypertension prevalence and progress in treatment and control from 1990 to 2019: a pooled analysis of 1201 population-representative studies with 104 million participants. *The Lancet, 398*(10304), 957–980.
[https://doi.org/10.1016/s0140-6736\(21\)01330-1](https://doi.org/10.1016/s0140-6736(21)01330-1)
- Zowgar, A. M., Siddiqui, M. I., & Alattas, K. M. (2018). Level of diabetes knowledge among adult patients with diabetes using diabetes knowledge test. *Saudi Medical Journal, 39*(2), 161–168.
<https://doi.org/10.15537/smj.2017.2.21343>