



DAFTAR PUSTAKA

- Adam, JMF. 2016. Dislipidemia dalam Buku Ajar Ilmu Penyakit Dalam Jilid III Edisi 6. Jakarta: Pusat Penerbitan Ilmu Penyakit Dalam FKUI.
- Adejoh SO. (2014). Diabetes Knowledge, Health Belief, and Diabetes Management Among the Igala, Nigeria. Sage Open. DOI: 10.1177/2158244014539966
- Agardh EE, Sidorchuk A, Hallqvist J, Ljung R, Peterson S, Moradi T, Allebeck P. (2011). Burden of type 2 diabetes attributed to lower educational levels in Sweden. *Popul Health Metr*; 9:60.
- Agustina PL, Muflihatin SK. (2019). Hubungan Tingkat Pengetahuan Dengan Terkendalinya Kadar Gula Darah Pada Pasien DM Tipe II di RSUD AWS. *Borneo Student Research*. 537-543.
- Aini, F. N., Wicaksana, A. L., & Pangastuti, H. S. (2020). Tingkat Risiko Kejadian Kardiovaskular pada Penyandang Diabetes Melitus Tipe 2. *Jurnal Persatuan Perawat Nasional Indonesia (JPPNI)*, 4(3), 182. <https://doi.org/10.32419/jppni.v4i3.191>
- Al – Adsani AMS, Moussa MAA, Al-Jasem LI, Abdella NA, Al-Hamad NM. (2009) The Level and Determinants of Diabetes Knowledge in Kuwaiti Adults with Type 2 Diabetes. *Diabetes and Metabolism* 35:121-8
- Al-Akour N, Khader Y, Alaoui A. (2011). Glycemic control and its determinants among patients with type 2 diabetes mellitus attending a teaching hospital. *J Diabetes Metab*, 2:129.
- Allorering, D., Sekeon, S., & Joseph, W. (2016). Hubungan antara Umur, Jenis Kelamin, Tingkat Pendidikan dengan Kejadian DM tipe 2 di Puskemas Ranotana Weru Kota Manado tahun 2016. *J Kesehatan Masyarakat*, 2(1), 1–8.
- Al-Qazaz HK, Sulaiman SA, Hassali MA, Shafie AA, Sundram S, et al. (2011). Diabetes Knowledge, Medication Adherence, and Glycemic Control among Patients with Type 2 Diabetes. *International Journal of Clinical Pharmacy* 33: 1028 – 1035.
- Alvis BD, Hughes CG. (2015). Physiology Consideration in Geriatric Patient. *Anesthesiol Clin* 33(3): 447–456. doi:10.1016/j.anclin.2015.05.003.
- American Diabetes Association (2019). 12. Older adult: Standards of Medical Care in Diabetes – 2019. *Diabetes Care* 42 (Supplement 1): S139 – S147.
- American Diabetes Association. (2019). Standards of medical Care in Diabetes. *American Diabetes Association*, 42 (Supplement 1). <https://doi.org/10.2337/dc19-SINT01>
- American Diabetes Association. (2020). 12. Older Adults: Standards of Medical Care in Diabetes 2020. *Diabetes Care*; 43 (Suppl.1) :S152–S162 <https://doi.org/10.2337/dc20-S012>
- Andi, N. K., Tien, Pranita, A., & Nirmala, F. (2018). Hubungan Kadar Kolesterol Total dan Trigliserida dengan Kejadian Diabetes Mellitus Tipe 2 di Daerah Pesisir Kota Kendari. *Medula*, 5(2), 448–453.
- Arsana, P. M., Rosandi, R., Manaf, A., Budhiarta, A., & Hikmat Permana. (2019). Panduan Pengelolaan Dislipidemi di Indonesia 2015. In *Pb. Perkeni*. <https://doi.org/10.1002/bit.22430>



- Badan Pusat Statistik. (2019). Statistik Penduduk Lanjut Usia 2019. Jakarta: Badan Pusat Statistik.
- Baderi M, Solan Y, Darraj H, Sabai A, Mahfouz M, Alamodi S, Alsabaani A. (2016). Factors Associated with Long-Term Control of Type 2 Diabetes Mellitus. *Journal of Diabetes Research*, 1-8. <http://dx.doi.org/10.1155/2016/2109542>
- Bains SS, Egede LE. (2011). Associations Between Health Literacy, Diabetes Knowledge, Selfcare Behaviors, and Glycemic Control in a Low Income Population with Type 2 Diabetes. *Diabetes Technology & Therapeutics* : DOI: 10.1089/dia.2010.0160
- Balitbang Kemenkes RI (2018). Riset Kesehatan Dasar ; RISKESDAS. Jakarta : Balitbang Kemenkes RI
- Basuki, E (2018). Teknik Penyuluhan Diabetes Melitus : Penatalaksanaan Diabetes Melitus Terpadu. Jakarta : Balai Penerbit FK UI.
- Beaton, D. E., Bombardier, C., Guillemin, F., & Ferraz, M. B. (2000). Guidelines for the process of cross-cultural adaptation of self-report measures. *Spine*, 25(24), 3186–3191. <https://doi.org/10.1097/00007632-200012150-00014>
- Berhe KK, Gebru HB, Kahsay HB, Kahsay AA (2014) Assessment of Diabetes Knowledge and its Associated Factors among Type 2 Diabetic Patients in Mekelle and Ayder Referral Hospitals, Ethiopia. *J Diabetes Metab* 5: 378. doi:10.4172/2155-6156.1000378
- Borba AKOT, Arruda IKG, Marques APO, Leal MCC, Diniz AS. (2019). Knowledge and Attitude about Diabetes Self-Care of Older Adults in Primary Health Care. *Ciencia&Saude Colectiva*, 24(1): 125-136. DOI: 10.1590/1413-81232018241.35052016
- Bradley D, Hsueh W (2016) Type 2 Diabetes in the Elderly: Challenges in a Unique Patient Population. *J Geriatr Med Gerontol* 2:014.
- Brands MW, Hopkins TE. (1996). Poor Glycemic Control Induces Hypertension in Diabetes Mellitus. *Hypertension*, 27(3):735–739.
- Bruce DG, Davis WA, Cull CA, Davis TME. (2003). Diabetes Education and Knowledge in Patients with Type 2 Diabetes from the Community the Fremantle Diabetes Study. *Journal of Diabetes and Its Complications* 17: 82 – 89.
- Bujang MA, Baharum N. (2016). Sample Size Guideline for Correlation Analysis. *World Journal of Social Science Research* Vol. 3, No. 1, 2016 ISSN 2332-5534. www.scholink.org/ojs/index.php/wjssr
- Cai, X., Hu, D., Pan, C., Li, G., Lu, J., Ji, Q., Su, B., Tian, H., Qu, S., Weng, J., Zhang, D., Xu, J., & Ji, L. (2019). The risk factors of glycemic control, blood pressure control, lipid control in Chinese patients with newly diagnosed type 2 diabetes _ A nationwide prospective cohort study. *Scientific Reports*, 9(1), 1–14. <https://doi.org/10.1038/s41598-019-44169-4>
- Camacho GB, Bixby LS. (2008). Metabolic control in a nationally representative diabetic elderly sample in Costa Rica: patients at community health centers vs patients at other health care settings. *BioMed Central*; 8:5.
- Casagrande SS, Burrows NR, Geiss LS, Bridge KEB, Fradkin JE, Cowie CC. (2012). Diabetes Knowledge and Its Relationship With Achieving Treatment



Recommendations in a National Sample of People With Type 2 Diabetes.
Diabetes Care 35:1556–1565.

- Cattell RB. (1978). The Scientific Use of Factor Analysis. New York: Plenum.
- Chang, S. A. (2012). Smoking and Type 2 Diabetes Mellitus. *Diabetes and Metabolism Journal*, 36(6), 399–403. <https://doi.org/http://dx.doi.org/10.4093/>
- Choe S-A, Kim JY, Ro YS, Cho S-I. (2018). Women are Less Likely than Men to Achieve Optimal Glycemic Control After 1 Year Of Treatment: A Multi- Level Analysis of a Korean Primary Care Cohort. *PLoS ONE*, 13(5): e0196719. <https://doi.org/10.1371/journal.pone.0196719>
- Cholil, A. R., Lindarto, D., Pemayun, T. G. D., Wisnu, W., Kumala, P., & Puteri, H. H. S. (2019). DiabCare Asia 2012: Diabetes Management, Control, and Complications in Patients with Type 2 Diabetes in Indonesia. *Medical Journal of Indonesia*, 28(1), 47-56. DOI: <https://doi.org/10.13181/mji.v28i1.2931>
- Colosia AD, Palencia R, Khan S. (2013). Prevalence of hypertension and obesity in patients with type 2 diabetes mellitus in observational studies: a systematic literature review. *Diabetes, Metabolic Syndrome and Obesity* 6:327-338 DOI 10.2147/DMSO.S51325.
- Cortez DN, Reis IA, Souza DAS, Macedo MML, Torres HC. (2015). Complication and the Time of Diagnosis of Diabetes Melitus in Primary Care. *Acta paul. enferm*; 28(3):250-255.
- D'Adamo, E., & Caprio, S. (2011). Type 2 diabetes in youth: Epidemiology and pathophysiology. *Diabetes Care*, 34(SUPPL. 2). <https://doi.org/10.2337/dc11-s212>
- Dahlan, M S (2014). Statistik untuk Kedokteran dan Kesehatan Seri 1 Edisi 6. Jakarta : Epidemiologi Indonesia
- Dahlan, M. S. (2010). *Besar sampel dalam penelitian kedokteran dan kesehatan* (Edisi 3). Jakarta: Epidemiologi Indonesia.
- Dao-Tran TH, Anderson D, Chang A, Seib C, Hurst C. (2017). Factors Associated with Self – Management Among Vietnamese Adult with Type 2 Diabetes. *Nursing Open*. DOI: 10.1002/nop2.158
- Das S, Mitra K, Mandel M. (2016). Sample Size Calculation: Basic Principles. *Indian Journal of Anaesthesia*, 60(9), 652 – 656. <https://doi.org/10.4103/0019-5049.190621>
- De Tata, V. (2014). Age-related impairment of pancreatic beta-cell function: Pathophysiological and cellular mechanisms. *Frontiers in Endocrinology*, 5(SEP), 1–8. <https://doi.org/10.3389/fendo.2014.00138>
- Dedefo MG, Gemechu DB, Fekadu G, Dibessa TT. (2020). Blood Pressure Control among Hypertensive Diabetic Patients on Follow-Up at Chronic Clinic of Nekemte Referral Hospital in West Ethiopia. *Hindawi International Journal of Hypertension*; 1-8. <https://doi.org/10.1155/2020/7526257>
- Dinar NMAA, Al-Sammouri GAAM, Eltahir MA, Ahmed AAA, Alghamdi HJA, Alghamdi AA, Ahmed WAM. (2019). Effect of Diabetes Educational Program on Self – care and Diabetes Control among Type 2 Diabetic Patients in Al – Baha Saudi Arabia. *AIMS Medical Science*, 6(3): 239-249
- Dinas Kesehatan Kabupaten Sleman. (2019). Profil Kesehatan Kabupaten Sleman. Dinas Kesehatan Kabupaten Sleman, 1-181. <https://dinkes.sleman.go.id>.



- Drawz PE, Bedhu S, Kramer HJ, Rakotz M, Rocco MV, Whelton PK. (2019). Blood Pressure Measurement: A KDOQI Perspective. *Am J Kidney Dis.* XX(XX): 1-9. Published online Month X, XXXX. Doi: 10.1053/j.ajkd.2019.08.030
- Du YF, Ou HY, Beverly EA, Chiu CJ. (2014). Achieving Glycemic Control in Elderly Patients With Type 2 Diabetes: A Critical Comparison of Current Options. *Dovepress* 9:1963-1980. <http://dx.doi.org/10.2147/CIA.S53482>
- Eigenmann, C. A., Skinner, T., & Colagiuri, R. (2011). Development and validation of a diabetes knowledge questionnaire. *Practical Diabetes International*, 28(4). <https://doi.org/10.1002/pdi.1586>
- Eticha, T., Mulu, A., Gebretsadik, H., Kahsay, G., Ali, D., & Rajeshwar, Y. (2016). Factors associated with poor glycemic control in type 2 diabetic patients investigated at Ayder referral hospital, Mekelle, Ethiopia Ijppr. *Human*, 6(3), 160–171.
- Fekadu, G., Bula, K., Bayisa, G., Turi, E., Tolossa, T., & Kasaye, H. K. (2019). Challenges and factors associated with poor glycemic control among type 2 diabetes mellitus patients at nekemte referral hospital, Western Ethiopia. *Journal of Multidisciplinary Healthcare*, 12, 963–974. <https://doi.org/10.2147/JMDH.S232691>
- Fenwick EK, Xie J, Rees G, Finger RP, Lamoureux EL. (2013). Factors Associated with Knowledge of Diabetes in Patients with Type 2 Diabetes Using the Diabetes Knowledge Test Validated with Rasch Analysis. *PLoS One* 8(12): e80593. Doi: 10.1371/journal.pone.0080593
- Fernandes RA, Zanesco A. (2010). Early Physical Activity Promotes Lower Prevalence of Chronic Diseases in Adulthood. *Hypertension Research*, 33(9): 926–931.
- Ferriolli E, Pessanha FPAS, Marchesi JCLS. (2014). Diabetes and Exercise in the Elderly. *Diabetes and Physical Activity. Med Sport Sci*, 60: 122–129 (DOI: 10.1159/000357342)
- Filtzgerald JT, Funnell MM, Hess GE, Barr PA, Anderson RM, Hiss RG, Davis WK. (1998). The Reliability and Validity of a Brief Diabetes Knowledge Test. *Diabetes Care* 1998;21(5): 706-10
- G Duarte F, da Silva Moreira S, Almeida MCC, et al. (2019). Sex Differences and Correlates of Poor Glycaemic Control in Type 2 Diabetes: A Cross-Sectional Study in Brazil and Venezuela. *BMJ Open*, 9:e023401. doi:10.1136/bmjopen-2018-023401
- Garcia AA, Villagomez ET, Brown SA, Kouzakanani K, Hanis CL. (2001). The Starr County Diabetes Education Study – Development of the Spanish-language Diabetes Knowledge Questionnaire. *Diabetes Care* 2001; 24(1): 16-21
- Gill JK, Kumar R, Wiskin CM. (2008). Diabetes Self – management Study (DSS) – A Demographic and Clinical Approach to Patients’ Diabetes Knowledge. *International Journal of Health Promotion & Education* 46, 100 – 106
- Hamasaki H. (2016). Daily Physical Activity and Type 2 Diabetes: A Review. *World J Diabetes*, 7(12): 243-251 Available from: URL: <http://www.wjgnet.com/1948-9358/full/v7/i12/243.htm>. DOI: <http://dx.doi.org/10.4239/wjd.v7.i12.243>



- Hammad S, Darawad M, Hourani E, Demeh W. (2015). Predictors of Glycated Hemoglobin among Jordanian Diabetic Patients. *Iran J Public Health* 44 (11):1482-1491.
- Harrison TA, Hindorff L, Kim H, et al. (2003). Family History of Diabetes as a Potential Public Health Tool. *Am J Prev Med.* 2003;24:152-9
- He X & Wharrad HJ. (2007). Diabetes Knowledge and Glycemic Control among Chinese People with Type 2 Diabetes. *International Nursing Review* 54, 280 – 287
- Hearnshaw, H., Wright, K., Dale, J., Sturt, J., Vermeire, E., & Van Royen, P. (2007). Development and validation of the Diabetes Obstacles Questionnaire (DOQ) to assess obstacles in living with Type 2 diabetes. *Diabetic Medicine*, 24(8), 878–882. <https://doi.org/10.1111/j.1464-5491.2007.02137.x>
- Heisler M, Piette JD, Spencer M, et al. (2005). The Relationship Between Knowledge of Recent Hba1c Values and Diabetes Care Understanding and Self-Management. *Diabetes Care*, 28: 816-822.
- Hertzog, M. A. (2008). Considerations in Determining Sample Size for Pilot Studies, (January), 180–191. <https://doi.org/10.1002/nur>
- Hess GE, Davis WK. (1983). The Validation of a Diabetes Patient Knowledge Test. *Diabetes Care* 1983;6 (6): 591-6
- Holt RIG, Cockram CS, Flyvbjerg A, Goldstein BJ. (2010). Textbook of Diabetes 4th Edition. UK : Wiley – Blackwell Publication
- Howteerakul N, Suwannapong N, Rittichu C, Rawdaree P. (2007). Adherence to the regimens and glycemic control of patients with type 2 diabetes attending a tertiary hospital clinic. *Asia Pacific J Public Health*, 19(1):43–9.
- Hu J, Gruber KJ, Liu H, Zhao H, Garcia AA. (2013). Diabetes knowledge among older adults with diabetes in Beijing, China. *J Clin Nurs*; 22(1-2):51-60.
- Huayanay-Espinoza et al. (2016), Metabolic control in patients with type 2 diabetes mellitus in a public hospital in Peru: a cross-sectional study in a low-middle income country. *PeerJ* 4:e2577; DOI 10.7717/peerj.2577
- IDF. (2019). *Nine edition 2019. International Diabetes Federation*. IDF Diabetes Atlas, 9th edn. Brussels, Belgium : International Diabetes Federation, 2019. <http://www.diabetesatlas.org> ISBN: 978-2-930229-87-4
- Ilyas, EI. (2018). Olah Raga Bagi Diabetisi: Penatalaksanaan Diabetes Melitus Terpadu. Jakarta : Balai Penerbit FK UI.
- Islam SMS, Niessen LW, Seissler J, Ferrari U, Biswas T, Islam A, Lechner A. (2015). Diabetes Knowledge and Glycemic Control Among Patients with Type 2 Diabetes in Bangladesh. *SpringerPlus* (2015) 4: 284 DOI: 10.1186/s40064-015-1103-7
- J.M. Daly, A. J. Hartz, Y. Xu et al. (2009). An assessment of attitudes, behaviors, and outcomes of patients with type 2 diabetes. *The Journal of the American Board of Family Medicine*, 22(3), 280–290.
- Juarez, D. T., Sentell, T., Tokumaru, S., Goo, R., Davis, J. W., & Mau, M. M. (2012). Factors associated with poor glycemic control or wide glycemic variability among diabetes patients in Hawaii, 2006-2009. *Preventing Chronic Disease*, 9(9), 1–10. <https://doi.org/10.5888/pcd9.120065>



- Kamuhabwa AR, Charles E. (2014). Predictors of Poor Glycemic Control in Type 2 Diabetic Patients Attending Public Hospitals in Dar es Salam. *Drug, Healthcare and Patient Safety*, 6:155-165.
<http://dx.doi.org/10.2147/DHPS.S68786>
- Kemenkes RI. (2012). Petunjuk Teknis Pos Pembinaan Terpadu Penyakit Tidak Menular (Posbindu PTM). Ditjen Pengendalian Penyakit Dan Penyehatan Lingkungan, Kementerian Kesehatan RI, 1–39.
<http://p2ptm.kemkes.go.id/uploads/2016/10/Petunjuk-Teknis-Pos-Pembinaan-Terpadu-Penyakit-Tidak-Menular-POSBINDU-PTM-2013.pdf>
- Kementerian Kesehatan RI Badan Penelitian dan Pengembangan. (2018). Hasil Utama Riset Kesehatan Dasar. Kementerian Kesehatan Republik Indonesia, 1 – 100. [https://doi.org/1 Desember 2013](https://doi.org/10.1 Desember 2013).
- Kementrian Kesehatan Republik Indonesia. (2019). Petunjuk Teknis Pos Pembinaan Terpadu (Posbindu) Bagi Kader. Jakarta: Kementerian Kesehatan RI
- Khaldon K, Al-Sarihin MD, Mohammad H, Bani – Khaled RN, Fares H, Haddad MD, Ibrahim I et al. (2012). Diabetes Knowledge among Patients with Diabetes Melitus at King Hussein Hospital. *Journal of The Royal Medical Services* 2012; 19(1): 72 – 77
- Khattab, M., Khader, Y. S., Al-Khawaldeh, A., & Ajlouni, K. (2010). Factors associated with poor glycemic control among patients with Type 2 diabetes. *Journal of Diabetes and Its Complications*, 24(2), 84–89.
<https://doi.org/10.1016/j.jdiacomp.2008.12.008>
- Kueh, Y. C., Morris, T., & Ismail, A. A. S. (2017). The effect of diabetes knowledge and attitudes on self-management and quality of life among people with type 2 diabetes. *Psychology, Health and Medicine*, 22(2), 138–144.
<https://doi.org/10.1080/13548506.2016.1147055>
- Kueh, Y. C., Morris, T., Borkoles, E., & Shee, H. (2015). Modelling of diabetes knowledge, attitudes, self-management, and quality of life: A cross-sectional study with an Australian sample. *Health and Quality of Life Outcomes*, 13(1), 1–11. <https://doi.org/10.1186/s12955-015-0303-8>
- Kurniawan T, Yudianto K. (2016). Diabetes Self – Management and Its Related Factors. JKP 2016; 4(3): 267 – 273
- Kusnanto, K., Sundari, P. M., Asmoro, C. P., & Arifin, H. (2019). Hubungan Tingkat Pengetahuan Dan Diabetes Self-Management Dengan Tingkat Stres Pasien Diabetes Melitus Yang Menjalani Diet. *Jurnal Keperawatan Indonesia*, 22(1), 31–42. <https://doi.org/10.7454/jki.v22i1.780>
- Lee TI, Yeh YT, Liu CT, Chen PL. (2007). Development and Evaluation of a Patient-oriented Education System for Diabetes Management. *International Journal of Medical Informatics* 76: 655-663.
- Leung E, Wongrakpanich S, Munshi MN. (2018). Diabetes Management in the Elderly. *Spectrum Diabetes Journal*, 31 (03): 245-253.
<https://doi.org/10.2337/ds18-0033>
- Maccallum RC, Zhang S, Hong S, Widaman KF. (1999). Sample Size in Factor Analysis. *Physiological Methods*, 4(1), 84-99.



- Mamo, Y., Bekele, F., Nigussie, T., & Zewudie, A. (2019). Determinants of poor glycemic control among adult patients with type 2 diabetes mellitus in Jimma University Medical Center, Jimma zone, south west Ethiopia: A case control study. *BMC Endocrine Disorders*, 19(1), 1–11. <https://doi.org/10.1186/s12902-019-0421-0>
- McDonald JH. (2014). Handbook of Biological Statistics (3rd ed). *Sparky House Publishing*, Baltimore, Maryland.
- McPherson ML, Smith SW, Powers A, Zuckerman IH. (2008). Association between Diabetes Patients' Knowledge About Medication and Their Blood Glucose Control. *Research in Social & Administrative Pharmacy* 4, 37 – 45
- Meneilly GS, Knip A, Miller BD, Sherifali D, Tessier D, Zahedi A. (2018). Diabetes in Older People. *Canadian Journal of Diabetes*, 42: S283-S295. <https://doi.org/10.1016/j.jcjd.2017.10.021>
- Molsted S, Tribler J, Poulsen PB, Snorgaard O. (2012). The Effect of Cost of A Grup Based Education Programme for Self Management of Patients with Type 2 Diabetes. A community based study. *Health Educ Res* 27: 804-813
- Monnier, L., & Colette, C. (2009). Target for glycemic control: concentrating on glucose. *Diabetes Care*, 32 Suppl 2. <https://doi.org/10.2337/dc09-s310>
- Muntner P, Shimbo D, Carey RM, Charleston JB, Gaillard T, Misra S, Myers MG et al; on behalf of the American Heart Association Council on Hypertension. (2019). Measurement of blood pressure in humans: a scientific statement from the American Heart Association. *Hypertension*;73:e35–e66. DOI: 10.1161/HYP.0000000000000087.
- Murata GH, Shah KD, Wendel CS, Bukhori SU, Solvas PA, Hoffman RM, Duckworth WC. (2003). Factors Affecting Diabetes Knowledge in Type 2 Diabetes Veterans. *Diabetologia*, 46:1170-1178. DOI 10.1007/s00125-003-1161-1
- Ng S, Chan K, Lian Z, Chuah Y, Waseem A, Kadirvelu A (2012). Reality vs Illusion: Knowledge, Attitude and Practice Among Diabetic Patients. *Int J Collab Res Internal Med*, 4 (5): 723-732.
- Norris SL, Engelgau MM, Narayan KMV. (2001). Effectiveness of Self Management Training in Type 2 Diabetes – a systematic review of randomized control trials. *Diabetes Care* 24: 561-587.
- Notoatmodjo S. (2014). Promosi Kesehatan dan Perilaku Kesehatan. Jakarta: Rineka Cipta
- Noviyantini NPA, Wicaksana AL, Pangastuti HS. (2019). Kualitas Hidup Peserta Prolanis Diabetes Tipe 2 di Yogyakarta. *JPPNI*, 4 (02): 97-107.
- Ono BE, Cobra CRMN, Castro CCB, Margarido ES, Silva RSG. (2016). Knowledge, Attitude and Metabolic Control of Diabetic and Cardiac Patients. *Rev Rene* 17(6): 750-7. DOI: 10.15253/2175-6783.2016000600004.
- Ozcelik F, Yigner O, Arslan E, Serdar MA, Uz O, Kardesoglu E, Kurt I (2010). Association Between Glycemic Control and the Level of Knowledge and Disease Awareness in Type 2 Diabetic Patients. *Pol Arch Med Wewn*, 120 (10): 399-406.



- Pamungkas RA, H St, Mayasari A, Nusdin. Factors Associated with Poor Glycemic Control Among Type 2 Diabetes Mellitus in Indonesia. *Belitung Nursing Journal*. 2017;3(3):272-280. <https://doi.org/10.33546/bnj.61>
- Pan W, Ge S, Xu Y, Toobert D. (2019). Cross Validating a Structural Model of Factors Influencing Diabetes Self-Management in Chinese American with Type 2 Diabetes. *Journal of Transcultural Nursing* DOI: 10.1177/1043659618790085
- Pardede TE., Rosdiana D., Christianto E. (2017). Gambaran Pengendalian Diabetes Melitus Berdasarkan Parameter Indeks Massa Tubuh dan Tekanan Darah di Poli Rawat Jalan Penyakit dalam RSUD Arifin Achmad Pekanbaru. *Jurnal Online Mahasiswa Fakultas Kedokteran Universitas Riau*, 4(1), 1-14.
- Perdana AA, Ichsan B, Rosyidah DU. (2013). Hubungan Tingkat Pengetahuan Tentang Penyakit DM dengan Pengendalian Kadar Glukosa Darah pada Pasien DM Tipe II Di RSU PKU Muhammadiyah Surakarta. *Biomedika*, 2013; 5(2): 17-21
- PERKENI. (2015). Pengolahan dan Pencegahan Diabetes Melitus Tipe 2 di Indonesia 2015. <https://doi.org/10.1017/CBO9781107415324.004>
- PERKENI. (2019). Pedoman Pemantauan Glukosa Darah Mandiri. *Perkeni*, 28 halaman.
- Persell SD, Keating NL, Landrum MB, Landon BE, Ayanian JZ, Borbas C, Guadagnoli E. (2004). Relationship of Diabetes-Specific Knowledge to Self-Management Activities, Ambulatory Preventive Care, and Metabolic Outcomes. *Preventive Medicine* 39: 746-752. doi:10.1016/j.ypmed.2004.02.045
- Polit, D. F., Beck, T., & Owen, S. V. (2007). Is the CVI an Acceptable Indicator of Content Validity ? Appraisal and Recommendations. *Research in Nursing & Health*, 459–467. <https://doi.org/10.1002/nur>
- Purwitaningtyas, R. Y., Putra, I. W. G. A. E., & Wirawan, D. N. (2015). Faktor Risiko Kendali Glikemik Buruk pada Penderita Diabetes Melitus Tipe 2 di Puskesmas Kembiran Kabupaten Banyuwangi. *Public Health and Preventive Medicine Archive*, 3(1), 66. <https://doi.org/10.15562/phpma.v3i1.90>
- Ramadhan N., Marissa N., Fitria E., Wilya V. (2018). Pengendalian Diabetes Melitus Tipe 2 pada Pasien di Puskesmas Jayabaru Kota Banda Aceh. *Media Litbangkes*, 28 (4), 239 – 246. DOI: <https://doi.org/10.22435/mpk.v28i4.63>
- Reswan, H., Alioes, Y., & Rita, R. S. (2017). Gambaran Glukosa Darah pada Lansia di Panti Sosial Tresna Werdha Sabai Nan Aluhi Sicincin. *Jurnal Kesehatan Andalas*, 6(3), 673–678.
- Saeedi, P., Petersohn, I., Salpea, P., Malanda, B., Karuranga, S., Unwin, N., ... Williams, R. (2019). Global and regional diabetes prevalence estimates for 2019 and projections for 2030 and 2045: Results from the International Diabetes Federation Diabetes Atlas, 9th edition. *Diabetes Research and Clinical Practice*, 157, 107843. <https://doi.org/10.1016/j.diabres.2019.107843>
- Sakari, F. L., & William, K. K. (2019). Utilization of Diabetes Knowledge and Glycemic Control , a Case of Butere Subcounty Hospital , Kakamega County , Kenya. *Asian Journal of Research and Reports in Endocrinology*, 2(1), 1–10.



- Sanal TS, Nair NS, Adhikari P. (2011). Factors Associated with Poor Control of Type 2 Diabetes Mellitus: A Systematic Review and Meta – Analysis. *Journal of Diabetology*, 3(1) <http://www.journalofdiabetology.org/>
- Santos et al. (2013). The impact of knowledge about diabetes, resilience and depression on glycemic control: a cross-sectional study among adolescents and young adults with type 1 diabetes. *Diabetology & Metabolic Syndrome*, 5:55. doi:10.1186/1758-5996-5-55
- Santosa. (2019). Statistika Hospitalitas: Edisi Revisi. Yogyakarta: Deepublish Publisher.
- Selby JV, Swain BE, Gerzoff RB, Karter AJ, et al. (2007). Understanding the Gap Between Good Process of Diabetes Care and Poor Intermediate Outcomes: Translating Research into Action for Diabetes (TRIAD). *Medical Care*, 45 (12): 1144 – 1153
- Sesti G, Incalzi RA, Bonora E, Consoli A, Giaccari A, Maggi S, Paolisso G, et al. (2018). Management of Diabetes in Older Adults. *Nutrition, Metabolism & Cardiovascular Diseases*, 28: 206-218. <https://doi.org/10.1016/j.numecd.2017.11.007>
- Shams, N., Amjad, S., Seetlani, N. K., & Ahmed, W. (2016). Diabetes knowledge in elderly type 2 diabetes mellitus patients and association with glycemic control. *Journal of the Liaquat University of Medical and Health Sciences*, 15(2), 71–77.
- Shivananda N, Arun M, Manjunath H. (2005). Influence of aerobic treadmill exercise on blood glucose homeostasis in noninsulin-dependent diabetes mellitus patients. *Indian J Clin Biochem*, 20(1):47–51.
- Shrestha N, Yadav SB, Joshi AM, Patel BDP, Shrestha J, Bharker DL. (2015). Diabetes Knowledge and Associated Factors among Diabetes Patients in Central Nepal. *International Journal of Collaborative Research on Internal Medicine & Public Health Volume 5(5)*: 2015
- Soegondo, S (2018). Diagnosis dan Klasifikasi Diabetes Melitus Terkini: Penatalaksanaan Diabetes Melitus Terpadu. Jakarta: Balai Penerbit FK UI.
- Soegondo, S (2018). Prinsip Penanganan Diabetes, Insulin, dan Obat Hipoglikemik Oral : Penatalaksanaan Diabetes Melitus Terpadu. Jakarta: Balai Penerbit FK UI.
- Soewondo, P (2018). Pemantauan Kendali Diabetes Melitus: Penatalaksanaan Diabetes Melitus Terpadu. Jakarta : Balai Penerbit FK UI.
- Stefanović, A., Zeljković, A., Vekić, J., Spasojević-kalimanovska, V., Jelić-ivanović, Z., & Spasić, S. (2019). Dislipidemia in Diabetes Melitus Type 2. 338–348.
- Sugiharto, Hsu YY, Toobert DJ, Wang ST. (2019). The Validity and Reliability of the Summary of Diabetes Self Care Activities Questionnaire: An Indonesian Version. *Jurnal INJEC*, 4(1): 25 – 36
- Sugiyono. (2010). *Statistika untuk Penelitian*. Bandung: Alfabeta.
- Sukardji, K (2018). Penatalaksanaan Gizi pada Diabetes Melitus: Penatalaksanaan Diabetes Melitus Terpadu. Jakarta : Balai Penerbit FK UI.
- Sunyoto D. (2012). Analisis Validitas dan Asumsi Klasik. Yogyakarta: Penerbit Gava Media



- The Triad Study Group. (2010). Health Systems, Patients Factors, and Quality of Care for Diabetes: A synthesis of findings from the TRIAD Study. *Diabetes Care*, 33(4), 940-947
- Thushara C, Sreeja PA, Radhakrishnan AP. (2017). Assessment of Level of Knowledge and to Explore Association Between Knowledge and Diabetic Complications among Type 2 Diabetes Mellitus Patients. *International Journal of Research in Pharmacology & Pharmacotherapy*, 6(2): 218-223.
- Toh. (2011). Association of Younger Age With Poor Glycemic and Cholesterol Control in Asians With Type 2 Diabetes Mellitus in Singapore. *Journal of Endocrinology and Metabolism*, 1(1), 27–37. <https://doi.org/10.4021/jem13e>
- Unger T, Borghi C, Charchar F, Khan NA, Poulter NR, Prabhakaran D, Ramirez A et al. (2020). 2020 International Society of Hypertension Global Hypertension Practice Guidelines. *Journal of Hypertension*, 75:1-24. DOI: 10.1161/HYPERTENSIONAHA.120.15026
- Wahren J, Felig P. (1971). During leg exercises. *J Clin Invest*, 50(27), 15–25.
- Waspadji, S (2018). Diabetes Melitus : Mekanisme Dasar dan Pengelolaannya yang Rasional : Penatalaksanaan Diabetes Melitus Terpadu. Jakarta : Balai Penerbit FK UI.
- Wicaksana AL, Hertanti NS, Ferdiana A, Pramono RB. (2020). Diabetes Management and Specific Consideration for Patient with Diabetes during Coronavirus Disease Pandemic: A Scoping Review. *Diabetes & Metabolic Syndrome: Clinical Research and Review*, 14: 1109 – 1120.
- Wichi RB, Angelis KD, Jones L, Irigoyen MC. (2009). A Brief Review of Chronic Exercise Intervention to Prevent Autonomic Nervous System Changes During the Aging Process. *Clinics*, 64(3): 253–258.
- Widyahening IS, Soewondo P. (2012). Capacity for Management of Type 2 Diabetes Mellitus (T2 DM) in Primary Health Centers in Indonesia. *J Indon Med Assoc*, 62(11): 439-443.
- Winkelmann ER, Fontela PC. (2014). Health Condition of Patients with Type 2 Diabetes Melitus Registered in Family Health Strategy in Ijui, South Rio Grande 2010-2013. *Epidemiol. Serv. Saúde*; 23(4):665- 674.
- Witasari U, Rahmawaty S, Zulaekah S. (2009). Hubungan Tingkat Pengetahuan, Asupan Karbohidrat dan Serat Dengan Pengendalian Kadar Glukosa Darah pada Penderita Diabetes Melitus Tipe 2. *Jurnal Penelitian Sains & Teknologi*, 10(2) 130 – 138
- World Health Organization. (2016). *A global brief on hypertension: Silent killer, global public health crisis*. Geneva: World Health Organization.
- World Health Organization. (2016). Global Report on Diabetes. *World Health Organization*
- World Health Organization. (2019). Classification of Diabetes Mellitus. *World Health Organization*
- Yalamala S, Eunyoung ES. (2018). The Level of Diabetes Knowledge and Related Factors among Patients with Diabetes Melitus in Hyderabad, India. *Korean Journal of Adult Nursing* 30(4): 447 – 454
<https://doi.org/10.7475/kjan.2018.30.4.447>



UNIVERSITAS
GADJAH MADA

Hubungan Tingkat Pengetahuan dan Tingkat Pengendalian Diabetes pada Orang Lanjut Usia dengan

Diabetes Melitus Tipe 2 di Puskesmas Depok

ERLY DYAH RAHMASARI, Anggi Lukman Wicaksana, S.Kep., M.S.; Haryani, S.Kp., M.Kes.,[†]PhD

Universitas Gadjah Mada, 2021 | Diunduh dari <http://etd.repository.ugm.ac.id/>

Yang H, Gao J, Ren L, Li S, Chen Z, Huang J, Zhu S, et al. (2017). Association between Knowledge-Attitude-Practices and Control of Blood Glucose, Blood Pressure, and Blood Lipids in Patients with Type 2 Diabetes in Shanghai, China: A Cross-Sectional Study. *Journal of Diabetes Research*, 1–9.
<https://doi.org/10.1155/2017/3901392>

Yang, Y., & Green, S. B. (2011). Coefficient Alpha : A Reliability Coefficient for the 21st Century ? *Journal of Psychoeducational Asessment*, XX(X), 1–16.
<https://doi.org/10.1177/0734282911406668>

Yosmar, R., Almasdy, D., & Rahma, F. (2018). Jurnal Sains Farmasi Dan Klinis. *Survei Risiko Penyakit Diabetes Melitus Terhadap Kesehatan Masyarakat Kota Padang*, 5(Agustus 2018), 134–141.

Zowgar AM, Siddiqui MI, Alattas KM. (2018). Level of Diabetes Knowledge among Adult Patients with Diabetes Using Diabetes Knowledge Test. *Saudi Med J*, 39(2): 161-168.