

BIBLIOGRAPHY

- Abdullah, N.A., Ismail, S., Ghazali, S.S., Juni, M.H., Kadir, H., Aziz, N.R.A., 2019. Predictors of Good Glycemic Controls Among Type 2 Diabetes Mellitus Patients in Two Primary Health Clinics, Kuala Selangor 7.
- Aghili, R., Polonsky, W.H., Valojerdi, A.E., Malek, M., Keshtkar, A.A., Esteghamati, A., Heyman, M., Khamseh, M.E., 2016. Type 2 Diabetes: Model of Factors Associated with Glycemic Control. *Can. J. Diabetes* 40, 424–430. <https://doi.org/10.1016/j.jcjd.2016.02.014>
- Alotaibi, M.M., Istepanian, R., Philip, N., 2016. A mobile diabetes management and educational system for type-2 diabetics in Saudi Arabia (SAED). *mHealth* 2. <https://doi.org/10.21037/mhealth.2016.08.01>
- American Diabetes Association, 2019. 9. Pharmacologic Approaches to Glycemic Treatment: *Standards of Medical Care in Diabetes—2019*. *Diabetes Care* 42, S90–S102. <https://doi.org/10.2337/dc19-S009>
- American Diabetes Association, 2010. Standards of Medical Care in Diabetes--2010. *Diabetes Care* 33, S11–S61. <https://doi.org/10.2337/dc10-S011>
- Ayele, K., Tesfa, B., Abebe, L., Tilahun, T., Girma, E., 2012. Self Care Behavior among Patients with Diabetes in Harari, Eastern Ethiopia: The Health Belief Model Perspective. *PLoS ONE* 7. <https://doi.org/10.1371/journal.pone.0035515>
- Bai, Y.-L., Chiou, C.-P., Chang, Y.-Y., 2009. Self-care behaviour and related factors in older people with Type 2 diabetes. *J. Clin. Nurs.* 18, 3308–3315. <https://doi.org/10.1111/j.1365-2702.2009.02992.x>
- Bansode, B., Nagarajan, R., 2017. Diabetes: A review of awareness, comorbidities, and quality of life in India. *J. Soc. Health Diabetes* 05, 77–82. <https://doi.org/10.1055/s-0038-1676248>
- Bohanny, W., Wu, S.-F.V., Liu, C.-Y., Yeh, S.-H., Tsay, S.-L., Wang, T.-J., 2013. Health literacy, self-efficacy, and self-care behaviors in patients with type 2 diabetes mellitus: Health literacy, self-efficacy, and self-care in diabetes. *J. Am. Assoc. Nurse Pract.* 25, 495–502. <https://doi.org/10.1111/1745-7599.12017>
- Borgen, I., Garnweidner-Holme, L.M., Jacobsen, A.F., Bjerkan, K., Fayyad, S., Joranger, P., Lilleengen, A.M., Mosdøl, A., Noll, J., Småstuen, M.C., Terragni, L., Torheim, L.E., Lukasse, M., 2017. Smartphone application for women with gestational diabetes mellitus: a study protocol for a multicentre randomised controlled trial. *BMJ Open* 7, e013117. <https://doi.org/10.1136/bmjopen-2016-013117>
- Boyle, L., Grainger, R., Hall, R.M., Krebs, J.D., 2017. Use of and Beliefs About Mobile Phone Apps for Diabetes Self-Management: Surveys of People in a Hospital Diabetes Clinic and Diabetes Health Professionals in New Zealand. *JMIR MHealth UHealth* 5, e85. <https://doi.org/10.2196/mhealth.7263>
- Cai, C., Hu, J., 2016. Effectiveness of a Family-based Diabetes Self-management Educational Intervention for Chinese Adults With Type 2 Diabetes in Wuhan, China. *Diabetes Educ.* 42, 697–711. <https://doi.org/10.1177/0145721716674325>

- Carlsson, S., Andersson, T., Talbäck, M., Feychting, M., 2020. Incidence and prevalence of type 2 diabetes by occupation: results from all Swedish employees. *Diabetologia* 63, 95–103. <https://doi.org/10.1007/s00125-019-04997-5>
- Cesya, AM, 2018. Dampak Pemberian Media Leaflet Diabetes Melitus Terhadap Tingkat Pengetahuan Dan Kepatuhan Pada Pasien Diabetes Melitus Di Puskesmas Kota Yogyakarta Bagian Timur (Skripsi). UGM, Yogyakarta.
- Cheng, L.J., Wu, V.X., Dawkes, S., Lim, S.T., Wang, W., 2019. Factors influencing diet barriers among outpatients with poorly-controlled type 2 diabetes: A descriptive correlational study. *Nurs. Health Sci.* 21, 102–111. <https://doi.org/10.1111/nhs.12569>
- Collins, G.S., Mughal, S., Barnett, A.H., Fitzgerald, J., Lloyd, C.E., 2010. Modification and validation of the Revised Diabetes Knowledge Scale. *Diabet. Med.* no-no. <https://doi.org/10.1111/j.1464-5491.2010.03190.x>
- DeFronzo, R.A., Ferrannini, E., Alberti, K.G.M.M., Zimmet, P. (Eds.), 2015. *International textbook of diabetes mellitus*, 4th edition. ed. John Wiley & Sons Inc, Chichester, West Sussex ; Hoboken, NJ.
- Dirjen Binfar Alkes, 2005. *Pharmaceutical Care untuk Penyakit Diabetes Mellitus*. Dep. Kesehat. RI Jkt.
- Fearon-Lynch, J.A., Sethares, K.A., Asselin, M.E., Batty, K., Stover, C.M., 2019. Effects of Guided Reflection on Diabetes Self-Care: A Randomized Controlled Trial. *Diabetes Educ.* 45, 66–79. <https://doi.org/10.1177/0145721718816632>
- Fenwick, E.K., Xie, J., Rees, G., Finger, R.P., Lamoureux, E.L., 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, e80593. <https://doi.org/10.1371/journal.pone.0080593>
- Fitzgerald, J.T., Funnell, M.M., Hess, G.E., Barr, P.A., Anderson, R.M., Hiss, R.G., Davis, W.K., 1998. The Reliability and Validity of a Brief Diabetes Knowledge Test. *Diabetes Care* 21, 706–710. <https://doi.org/10.2337/diacare.21.5.706>
- Formosa, C., Muscat, R., 2016. Improving Diabetes Knowledge and Self-Care Practices. *J. Am. Podiatr. Med. Assoc.* 106, 352–356. <https://doi.org/10.7547/15-071>
- Funnell, M.M., Brown, T.L., Childs, B.P., Haas, L.B., Hosey, G.M., Jensen, B., Maryniuk, M., Peyrot, M., Piette, J.D., Reader, D., Siminerio, L.M., Weinger, K., Weiss, M.A., 2010. National Standards for Diabetes Self-Management Education. *Diabetes Care* 33, S89–S96. <https://doi.org/10.2337/dc10-S089>
- Hanifah, H., Giena, V.P., Sari, R.M., 2019. The Effect of Health Education through Session-Health Application Media on Behavior of Diabetes Melitus in Bengkulu City. *Nurse Health J. Keperawatan* 8, 115. <https://doi.org/10.36720/nhjk.v8i2.123>
- Hooshmandja, M., Mohammadi, A., Esteghamti, A., Aliabadi, K., Nili, M., 2019. Effect of mobile learning (application) on self-care behaviors and blood

- glucose of type 2 diabetic patients. *J. Diabetes Metab. Disord.* 18, 307–313. <https://doi.org/10.1007/s40200-019-00414-1>
- Horii, T., Momo, K., Yasu, T., Kabeya, Y., Atsuda, K., 2019. Determination of factors affecting medication adherence in type 2 diabetes mellitus patients using a nationwide claim-based database in Japan. *PLOS ONE* 14, e0223431. <https://doi.org/10.1371/journal.pone.0223431>
- International Diabetes Federation, 2017. *IDF Diabetes Atlas*, Eight Edition. Int. Diabetes Fed.
- Jasper, U.S., Opara, M.C., Pyiki, E.B., Akinrolie, O., 2014. Knowledge of insulin use and its determinants among Nigerian insulin requiring diabetes patients. *J. Diabetes Metab. Disord.* 13, 10. <https://doi.org/10.1186/2251-6581-13-10>
- Kebede, M.M., Pischke, C.R., 2019. Popular Diabetes Apps and the Impact of Diabetes App Use on Self-Care Behaviour: A Survey Among the Digital Community of Persons With Diabetes on Social Media. *Front. Endocrinol.* 10. <https://doi.org/10.3389/fendo.2019.00135>
- Kerr, E.A., Heisler, M., Krein, S.L., Kabeto, M., Langa, K.M., Weir, D., Piette, J.D., 2007. Beyond Comorbidity Counts: How Do Comorbidity Type and Severity Influence Diabetes Patients' Treatment Priorities and Self-Management? *J. Gen. Intern. Med.* 22, 1635–1640. <https://doi.org/10.1007/s11606-007-0313-2>
- Khairani, 2019. *InfoDATIN: Hari Diabetes Sedunia Tahun 2018*. Pusdatin Kemenkes RI.
- Kim, E.K., Kwak, S.H., Baek, S., Lee, S.L., Jang, H.C., Park, K.S., Cho, Y.M., 2016. Feasibility of a Patient-Centered, Smartphone-Based, Diabetes Care System: A Pilot Study. *Diabetes Metab. J.* 40, 192. <https://doi.org/10.4093/dmj.2016.40.3.192>
- Kurnia, A.D., Amatayakul, A., Karuncharernpanit, S., 2017. Situational Influences Related to Diabetes Self-Management in Indonesia, in: *Proceedings of the Health Science International Conference (HSIC 2017)*. Presented at the Health Science International Conference (HSIC 2017), Atlantis Press, Malang, Indonesia. <https://doi.org/10.2991/hsic-17.2017.36>
- Lee, Y.-J., Shin, S.-J., Wang, R.-H., Lin, K.-D., Lee, Y.-L., Wang, Y.-H., 2016a. Pathways of empowerment perceptions, health literacy, self-efficacy, and self-care behaviors to glycemic control in patients with type 2 diabetes mellitus. *Patient Educ. Couns.* 99, 287–294. <https://doi.org/10.1016/j.pec.2015.08.021>
- Lee, Y.-J., Shin, S.-J., Wang, R.-H., Lin, K.-D., Lee, Y.-L., Wang, Y.-H., 2016b. Pathways of empowerment perceptions, health literacy, self-efficacy, and self-care behaviors to glycemic control in patients with type 2 diabetes mellitus. *Patient Educ. Couns.* 99, 287–294. <https://doi.org/10.1016/j.pec.2015.08.021>
- Lemeshow, S., World Health Organization (Eds.), 1990. *Adequacy of sample size in health studies*. Published on behalf of the World Health Organization by Wiley ; Distributed in the U.S.A., Canada, and Japan by Liss, Chichester [England] ; New York : New York, NY, USA.

- Nababan, O.A., 2020. New Instruments for Diabetes: Psychometric Evaluation of Bahasa Indonesia Version of Simplified Diabetes Knowledge Scales (SDKS-INA) and Attitudes Toward Diabetes Scales (ATDS-INA). Taipei Medical University, Taipei, Taiwan.
- Nelson, K.M., McFarland, L., Reiber, G., 2007. Factors Influencing Disease Self-Management Among Veterans with Diabetes and Poor Glycemic Control. *J. Gen. Intern. Med.* 22, 442–447. <https://doi.org/10.1007/s11606-006-0053-8>
- Nieuwlaat, R., Wilczynski, N., Navarro, T., Hobson, N., Jeffery, R., Keenanasseril, A., Agoritsas, T., Mistry, N., Iorio, A., Jack, S., Sivaramalingam, B., Iserman, E., Mustafa, R.A., Jedraszewski, D., Cotoi, C., Haynes, R.B., 2014. Interventions for enhancing medication adherence. *Cochrane Database Syst. Rev.* <https://doi.org/10.1002/14651858.CD000011.pub4>
- Norris, S.L., Lau, J., Smith, S.J., Schmid, C.H., Engelgau, M.M., 2002. Self-Management Education for Adults With Type 2 Diabetes: A meta-analysis of the effect on glycemic control. *Diabetes Care* 25, 1159–1171. <https://doi.org/10.2337/diacare.25.7.1159>
- Notoatmodjo, S., 2007. Pendidikan dan Perilaku Kesehatan, Cet. 1. ed. Rineka Cipta, Jakarta.
- 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, 637. <https://doi.org/10.1186/s12889-016-3311-7>
- Orem, D.E., Taylor, S.G., Renpenning, K.M., 2001. Nursing: concepts of practice, 6th ed. ed. Mosby, St. Louis.
- Pati, S., Lobo, E., Pati, S., Desaraju, S., Mahapatra, P., 2019. Type 2 diabetes and physical activity: barriers and enablers to diabetes control in Eastern India. *Prim. Health Care Res. Dev.* 20. <https://doi.org/10.1017/S146342361800097X>
- Peimani, M., Rambod, C., Omidvar, M., Larijani, B., Ghodssi-Ghassemabadi, R., Tootee, A., Esfahani, E.N., 2016. Effectiveness of short message service-based intervention (SMS) on self-care in type 2 diabetes: A feasibility study. *Prim. Care Diabetes* 10, 251–258. <https://doi.org/10.1016/j.pcd.2015.11.001>
- Pengurus Besar Perkumpulan Endokrinologi Indonesia (PB PERKENI), 2015. Konsensus Pengelolaan dan Pencegahan Diabetes melitus tipe 2 di Indonesia PERKENI 2015.
- Perkeni, 2015. Konsensus Pengelolaan dan Pencegahan Diabetes melitus tipe 2 di Indonesia.
- Persell, S., 2004. Relationship of diabetes-specific knowledge to self-management activities, ambulatory preventive care, and metabolic outcomes. *Prev. Med.* 39, 746–752. <https://doi.org/10.1016/j.ypmed.2004.02.045>
- Rahayu, E., Kamaludin, R., Hapsari, E., 2018. Determinants of Self-Care Management in Patients with Type 2 Diabetes Mellitus. *J. Keperawatan Soedirman* 13, 71–76.

- Ramadhani, S, 2019. Pengaruh Self-Care terhadap Kadar Glukosa Darah dan Kualitas Hidup Pasien Diabetes Melitus Tipe-2 dengan Short Form 6 Dimension (SF-6D) (Thesis). UGM, Yogyakarta.
- Rantucci, M.J., 2007. Pharmacists talking with patients: a guide to patient counseling, 2nd ed. ed. Lippincott Williams & Wilkins, Philadelphia.
- Rosenstock IM, Strecher VJ., Becker MH., 1988. Social learning theory and the Health Belief Model. *Health Educ Q* Summer;15(2):175-83.
- Rudjianto, A., Yuwono, A., Shahab, A., Manaf, A., 2015. Konsensus Pengelolaan dan Pencegahan Diabetes Melitus 2 di Indonesia 2015, Juli 2015. Pengurus Besar Perkumpulan Endokrinologi Indonesia (PB PERKENI).
- Schmitt, A., Reimer, A., Hermanns, N., Huber, J., Ehrmann, D., Schall, S., Kulzer, B., 2016a. Assessing Diabetes Self-Management with the Diabetes Self-Management Questionnaire (DSMQ) Can Help Analyse Behavioural Problems Related to Reduced Glycaemic Control. *PLOS ONE* 11, e0150774. <https://doi.org/10.1371/journal.pone.0150774>
- Schmitt, A., Reimer, A., Hermanns, N., Huber, J., Ehrmann, D., Schall, S., Kulzer, B., 2016b. Assessing Diabetes Self-Management with the Diabetes Self-Management Questionnaire (DSMQ) Can Help Analyse Behavioural Problems Related to Reduced Glycaemic Control. *PLOS ONE* 11, e0150774. <https://doi.org/10.1371/journal.pone.0150774>
- Shrivastava, S., Shrivastava, P., Ramasamy, J., 2013. Role of self-care in management of diabetes mellitus. *J. Diabetes Metab. Disord.* 12, 14. <https://doi.org/10.1186/2251-6581-12-14>
- Soegondo P, Soewondo, Subekti, 2002. Panduan Penatalaksanaan Diabetes Melitus Terpadu. Pus. Diabetes Dan Lipid RSUP Nas. Dr Cipto Mangunkusumo FKUI.
- Spencer, M.S., Rosland, A.-M., Kieffer, E.C., Sinco, B.R., Valerio, M., Palmisano, G., Anderson, M., Guzman, J.R., Heisler, M., 2011. Effectiveness of a Community Health Worker Intervention Among African American and Latino Adults With Type 2 Diabetes: A Randomized Controlled Trial. *Am. J. Public Health* 101, 2253–2260. <https://doi.org/10.2105/AJPH.2010.300106>
- Strine, T.W., Okoro, C.A., Chapman, D.P., Beckles, G.L.A., Balluz, L., Mokdad, A.H., 2005. The impact of formal diabetes education on the preventive health practices and behaviors of persons with type 2 diabetes. *Prev. Med.* 41, 79–84. <https://doi.org/10.1016/j.ypmed.2004.10.009>
- Tyas, M, 2008. Hubungan Perawatan Diri dan Persepsi Sakit dengan Kualitas Hidup Pasien Diabetes Melitus Tipe 2 dalam Konteks Asuhan Keperawatan di Kota Blitar.
- Umay, C., 2019. Pengaruh Pengingat Minum Obat (PMO) terhadap Tingkat Kepatuhan Pasien Diabetes Melitus Tipe 2 di Rumah Sakit Universitas Sumatera Utara Kota Medan. Universitas Sumatera Utara, Medan Indonesia.
- WHO, 2018. Diabetes.
- Wichit, N., Mnataganian, G., Courtney, M., Schulz, P., Johnson, M., 2017a. Randomized controlled trial of a family-oriented self-management program to improve self-efficacy, glycemic control and quality of life among Thai

- individuals with Type 2 diabetes. *Diabetes Res. Clin. Pract.* 123, 37–48. <https://doi.org/10.1016/j.diabres.2016.11.013>
- Wichit, N., Mnatzaganian, G., Courtney, M., Schulz, P., Johnson, M., 2017b. Randomized controlled trial of a family-oriented self-management program to improve self-efficacy, glycemic control and quality of life among Thai individuals with Type 2 diabetes. *Diabetes Res. Clin. Pract.* 123, 37–48. <https://doi.org/10.1016/j.diabres.2016.11.013>
- Wielgosz, A., Dai, S., Walsh, P., McCrea-Logie, J., Celebican, E., 2018. Comorbid Conditions in Canadians Hospitalized Because of Diabetes. *Can. J. Diabetes* 42, 106–111. <https://doi.org/10.1016/j.jcjd.2017.03.004>
- Williams, J.P., Schroeder, D., 2015. Popular Glucose Tracking Apps and Use of mHealth by Latinos With Diabetes: Review. *JMIR MHealth UHealth* 3, e84. <https://doi.org/10.2196/mhealth.3986>
- Xu, Y., Toobert, D., Savage, C., Pan, W., Whitmer, K., 2008. Factors influencing diabetes self-management in Chinese people with type 2 diabetes. *Res. Nurs. Health* 31, 613–625. <https://doi.org/10.1002/nur.20293>
- Yustiana, E., Sumargi, A., 2017. Pengetahuan mengenai penanganan penyakit diabetes dengan kepatuhan melaksanakan diet diabetes pada penderita Diabetes Mellitus tipe 2. *Exp. J. Psikol. Indones.* 5, 45–53.
- Zhou, W., Chen, M., Yuan, J., Sun, Y., 2016. Welltang – A smart phone-based diabetes management application – Improves blood glucose control in Chinese people with diabetes. *Diabetes Res. Clin. Pract.* 116, 105–110. <https://doi.org/10.1016/j.diabres.2016.03.018>
- Zuhra, M., 2018. Effect of Home Pharmacy Care on Knowledge, Adherence and Quality of Life Diabetes Mellitus Patient in Insulin Therapy. UGM, Yogyakarta.