

## **DAFTAR PUSTAKA**

- Adhikari, M., Devkota, H. R. and Cesuroglu, T. (2021) 'Barriers to and facilitators of diabetes self-management practices in Rupandehi, Nepal- multiple stakeholders' perspective', *BMC public health*, 21(1), p. 1269. doi: 10.1186/s12889-021-11308-4.
- Adiputra, A. B. (2019) 'Aplikasi Media Telenursing Pada Tata Laksana Diabetes Mellitus: Sebuah Scoping Review', *Journal of Islamic Nursing*, 4(1), pp. 83–89. Available at: <http://journal.uin-alauddin.ac.id/index.php/join/article/view/20423>.
- Adu, M. D. *et al.* (2019) 'Enablers and barriers to effective diabetes self-management: A multi-national investigation', *PLoS ONE*, 14(6), pp. 1–22. doi: 10.1371/journal.pone.0217771.
- Agustiningrum, R. and Kusbaryanto, K. (2019) 'Efektifitas Diabetes Self Management Education Terhadap Self Care Penderita Diabetes Mellitus: A Literature Review', *Jurnal Keperawatan Respati Yogyakarta*, 6(2), p. 558. doi: 10.35842/jkry.v6i2.309.
- Akter, S., Goto, A. and Mizoue, T. (2017) 'Smoking and the risk of type 2 diabetes in Japan: A systematic review and meta-analysis', *Journal of Epidemiology*, 27(12), pp. 553–561. doi: 10.1016/j.je.2016.12.017.
- Alhaik, S. *et al.* (2019) 'An assessment of self-care knowledge among patients with diabetes mellitus', *Diabetes and Metabolic Syndrome: Clinical Research and Reviews*, 13(1), pp. 390–394. doi: 10.1016/j.dsx.2018.10.010.
- Alharbi, T., Thomacos, N. and McLelland, G. (2019) 'Core competencies for diabetes educators: A scoping review', *Diabetes and Metabolic Syndrome: Clinical Research and Reviews*, 13(4), pp. 2671–2682. doi: 10.1016/j.dsx.2019.07.023.
- Alon, Y. *et al.* (2020) 'Family history of diabetes mellitus and long-term endocrine morbidity of the offspring', *Gynecological Endocrinology*, 36(20), pp. 869–872. doi: 10.1016/j.ajog.2018.11.436.
- Amirrudin, M., Nasution, K. and Supahar, S. (2020) 'Effect of Variability on Cronbach Alpha Reliability in Research Practice', *Jurnal Matematika, Statistika dan Komputasi*, 17(2), pp. 223–230. doi: 10.20956/jmsk.v17i2.11655.
- Amudha, R. *et al.* (2017) 'Telehealth and telenursing – Progression in healthcare practice', *Research Journal of Pharmacy and Technology*, 10(8), pp. 2797–2800. doi: 10.5958/0974-360X.2017.00495.4.
- Anggoro, W. T., Aeni, Q. and Istioningsih (2018) 'Relationship of Care Characteristics With Caring Behavior', *urnal Keperawatan Ji*, 6(2), pp. 98–10. Available at: [file:///C:/Users/user/Downloads/4445-9413-1-PB \(1\).pdf](file:///C:/Users/user/Downloads/4445-9413-1-PB%20(1).pdf).
- Anuar, H. *et al.* (2020) 'Usage of Health Belief Model (HBM) in health behavior: A

systematic review', *Malaysian Journal of Medicine and Health Sciences*, 16(6), pp. 201–209.

Arksey, H. and O'Malley, L. (2005) 'Scoping studies: Towards a methodological framework', *International Journal of Social Research Methodology: Theory and Practice*, 8(1), pp. 19–32. doi: 10.1080/1364557032000119616.

Azami, G. *et al.* (2018) 'Effect of a Nurse-Led Diabetes Self-Management Education Program on Glycosylated Hemoglobin among Adults with Type 2 Diabetes', *Journal of Diabetes Research*, 2018, p. 12 pages. doi: 10.1155/2018/4930157.

Bailey, C. J. and Kodack, M. (2011) 'Patient adherence to medication requirements for therapy of type 2 diabetes', *International Journal of Clinical Practice*, 65(3), pp. 314–322. doi: 10.1111/j.1742-1241.2010.02544.x.

Bakır, E., Çavuşoğlu, H. and Mengen, E. (2021) 'Effects of the Information–Motivation–Behavioral Skills Model on Metabolic Control of Adolescents with Type 1 Diabetes in Turkey: Randomized Controlled Study', *Journal of Pediatric Nursing*, 58, pp. e19–e27. doi: 10.1016/j.pedn.2020.11.019.

Bandura, A. (1978) 'Self-efficacy: Toward a Unifying Theory of Behavioral Change', *APA PsycArticles*, 84(2), pp. 191–215. doi: 10.1017/S0003055400259303.

Banerjee, A. *et al.* (2017) 'Role of Serum Adiponectin and Vitamin D in Prediabetes and Diabetes Mellitus', *Canadian Journal of Diabetes*, 41(3), pp. 259–265. doi: 10.1016/j.jcjd.2016.10.006.

Barnum, C. (2021) *Usability Testing Essentials*. 2nd editio, Elsevier. 2nd editio. USA: Morgan Kaufmann. doi: 10.1016/C2009-0-20478-8.

Barra, D. C. C. *et al.* (2017) 'Methods for developing mobile apps in health: An integrative review of the literature', *Texto e Contexto Enfermagem*, 26(4), pp. 1–12. Available at: <http://dx.doi.org/10.1590/0104-07072017002260017> Literature.

Van Der Bijl, J. J., Van Poelgeest-Eeltink, A. and Shortridge-Baggett, L. (1999) 'The psychometric properties of the diabetes management self-efficacy scale for patients with type 2 diabetes mellitus', *Journal of Advanced Nursing*, 30(2), pp. 352–359. doi: 10.1046/j.1365-2648.1999.01077.x.

Boro, M. F. V. and Hariyati, T. S. (2020) 'Implementasi Telenursing Dalam Praktik Keperawatan: Studi Literature', *Carolus Journal of Nursing*, 2(2), pp. 161–169. Available at: <http://ejournal.stik-sintcarolus.ac.id/index.php/CJON/article/view/40>.

Bos, M. and Agyemang, C. (2013) 'Prevalence and complications of diabetes mellitus in Northern Africa , a systematic review', (July 2012).

Brooke, J. (2014) 'SUS - A quick and dirty usability scale', in Jordan, P. W. *et al.* (eds) *Usability Evaluation In Industry*. London: Tailor & Francis Group, pp. 87–89. Available at:

[http://www.tbistafftraining.info/smartphones/documents/b5\\_during\\_the\\_trial\\_usability\\_scale\\_v1\\_09aug11.pdf](http://www.tbistafftraining.info/smartphones/documents/b5_during_the_trial_usability_scale_v1_09aug11.pdf).

Burke, S. D., Sherr, D. and Lipman, R. D. (2014) 'Partnering with diabetes educators to improve patient outcomes', *Diabetes, Metabolic Syndrome and Obesity*, 7, pp. 45–53. doi: 10.2147/DMSO.S40036.

Carrara, A. and Schulz, P. J. (2018) 'The role of health literacy in predicting adherence to nutritional recommendations: A systematic review', *Patient Education and Counseling*, 101(1), pp. 16–24. doi: 10.1016/j.pec.2017.07.005.

Carter, P. *et al.* (2010) 'Fruit and vegetable intake and incidence of type 2 diabetes mellitus: Systematic review and meta-analysis', *BMJ (Online)*, 341(7772), p. 543. doi: 10.1136/bmj.c4229.

Chan, J. C. N. *et al.* (2014a) 'Effects of telephone-based peer support in patients with type 2 diabetes mellitus receiving integrated care: A randomized clinical trial', *JAMA Internal Medicine*, 174(6), pp. 972–981. doi: 10.1001/jamainternmed.2014.655.

Chan, J. C. N. *et al.* (2014b) 'Effects of telephone-based peer support in patients with type 2 diabetes mellitus receiving integrated care: A randomized clinical trial', *JAMA Internal Medicine*, 174(6), pp. 972–981. doi: 10.1001/jamainternmed.2014.655.

Chang, S. A. (2012) 'Smoking and Type 2 Diabetes Mellitus', *Diabetes Metab J*, 36(8), pp. 399–403. doi: 10.1080/03630242.2017.1358794.

Chaudhuri, P. *et al.* (2021) 'Role of Metabolic Risk Factors, Family History, and Genetic Polymorphisms (PPAR $\gamma$  and TCF7L2) on Type 2 Diabetes Mellitus Risk in an Asian Indian Population', *Public Health Genomics*, 24(3–4), pp. 131–138. doi: 10.1159/000514506.

Chen, L. *et al.* (2013) 'Evaluating self-management behaviors of diabetic patients in a telehealthcare program: Longitudinal study over 18 months', *Journal of Medical Internet Research*, 15(12), pp. 1–15. doi: 10.2196/jmir.2699.

Chen, M. *et al.* (2022) 'Factors Related to Diabetes Self-Management Among Patients with Type 2 Diabetes: A Chinese Cross-Sectional Survey Based on Self-Determination Theory and Social Support Theory', *Patient Preference and Adherence*, 16(December 2021), pp. 925–936. doi: 10.2147/PPA.S335363.

Cheng, L. *et al.* (2016) 'Factors associated with diet barriers in patients with poorly controlled type 2 diabetes', *Patient Preference and Adherence*, 10, pp. 37–44. doi: 10.2147/PPA.S94275.

Chetty, R. and Pillay, S. (2021) 'Glycaemic control and family history of diabetes mellitus: is it all in the genes?', *Journal of Endocrinology, Metabolism and Diabetes of South Africa*, 26(2), pp. 66–71. doi: 10.1080/16089677.2021.1897229.

Clara, H., Irawaty, D. and Dahlia, D. (2021) 'Self-Efficacy as a Predictor of Self-Management Behavior Practice Among People with Type 2 Diabetes Mellitus (T2DM)', in *KnE Life Sciences*, pp. 440–453. doi: 10.18502/kls.v6i1.8633.

Comrey, A. L. and Lee, H. B. (2020) *A First Course in Factor Analysis*, Psychology Press, New York, London.

Cresswell, J. W. and Creswell, J. D. (2019) *Research Design Qualitative, Quantitative, and Mixed Methods Approaches*. Fifth Edit. London: SAGE Publications. Available at: <https://lccn.loc.gov/2017044644>.

Crossen, S. S. *et al.* (2022) 'Challenges and Opportunities in Using Telehealth for Diabetes Care', *Diabetes Spectrum*, 35(1), pp. 33–42. doi: 10.2337/dsi21-0018.

DiMatteo, M. R. (2004) 'Social Support and Patient Adherence to Medical Treatment: A Meta-Analysis', *Health Psychology*, 23(2), pp. 207–218. doi: 10.1037/0278-6133.23.2.207.

Dwitanta, S. and Dahlia, D. (2020) 'Diabetes Self Management Dan Faktor Yang Mempengaruhinya Pada Usia Dewasa Pertengahan', *Jurnal Ilmu Keperawatan Medikal Bedah*, 3(2), p. 23. doi: 10.32584/jikmb.v3i2.603.

Egede, L. E. and Ellis, C. (2010) 'Development and psychometric properties of the 12-item diabetes fatalism scale', *Journal of General Internal Medicine*, 25(1), pp. 61–66. doi: 10.1007/s11606-009-1168-5.

Eigenmann, C. A., Skinner, T. and Colagiuri, R. (2011) 'Development and validation of a diabetes knowledge questionnaire', *Practical Diabetes International*, 28(4), pp. 166-170d. doi: 10.1002/pdi.1586.

Ernawati, U., Wihastuti, T. A. and Utami, Y. W. (2021) 'Effectiveness of diabetes self-management education (Dsme) in type 2 diabetes mellitus (t2dm) patients: Systematic literature review', *Journal of Public Health Research*, 10(2), pp. 404–408. doi: 10.4081/jphr.2021.2240.

Esmailpour-BandBoni, M., Gholami-Shilsar, F. and Khanaki, K. (2021) 'The Effects of Telephone-Based Telenursing on Glycated Hemoglobin Among Older Adults With Type 2 Diabetes Mellitus: A Randomized Controlled Trial', *Journal for Nurse Practitioners*, 17(3), pp. 305–309. doi: 10.1016/j.nurpra.2020.09.015.

Fadhila, R. and Afriani, T. (2019) 'PENERAPAN TELENURSING DALAM PELAYANAN KESEHATAN : Literature Review', *Jurnal Keperawatan Abdurrah*, 3(2), pp. 77–84. doi: 10.36341/jka.v3i2.837.

Fan, L. and Sidani, S. (2009) 'Effectiveness of diabetes self-management education intervention Elements: A meta-analysis', *Canadian Journal of Diabetes*, 33(1), pp. 18–26. doi: 10.1016/S1499-2671(09)31005-9.

Faselis, C. *et al.* (2020) 'Microvascular Complications of Type 2 Diabetes Mellitus', *Current Vascular Pharmacology*, 18(2), pp. 117–124. doi: 10.2174/1570161117666190502103733.

Fernandes, B. S. M., Reis, I. A. and Torres, H. de C. (2016) 'Evaluation of the telephone intervention in the promotion of diabetes self-care: a randomized clinical trial', *Revista Latino-Americana de Enfermagem*, 24(e2719), pp. 1–9. doi: 10.1590/1518-8345.0632.2719.

Fisher, W. A., Fisher, J. D. and Harman, J. (2003) 'The Information–Motivation–Behavioral Skills Model: A General Social Psychological Approach to Understanding and Promoting Health Behavior', in Tennen, H. and Affleck, G. (eds) *Social Psychological Foundations of Health and Illness*. UK, pp. 82–106.

Forjuoh, S. N. *et al.* (2014) 'Behavioral and technological interventions targeting glycemic control in a racially/ethnically diverse population: A randomized controlled trial', *BMC Public Health*, 14(71), pp. 1–12. doi: 10.1186/1471-2458-14-71.

Frank, H. E., Becker-Haimes, E. M. and Kendall, P. C. (2020) 'Therapist training in evidence-based interventions for mental health: A systematic review of training approaches and outcomes', *Clinical Psychology: Science and Practice*, 27(3), pp. 1–30. doi: 10.1111/cpsp.12330.

Funnell, M. M. *et al.* (2008) 'National standards for diabetes self-management education', *Diabetes Care*, 31(SUPPL. 1). doi: 10.2337/dc08-S097.

Gabby, R. A. *et al.* (2018) 'Self-Care Adherence Experience in Patient with Diabetes Mellitus Type 2: A Systematic Review', *Nurses*, pp. 530–538.

Gao, J. *et al.* (2013) 'Validation of an information-motivation-behavioral skills model of self-care among Chinese adults with type 2 diabetes', *BMC Public Health*, 13(1), pp. 2–7. doi: 10.1186/1471-2458-13-100.

De Geest, S. and Sabaté, E. (2003) 'Adherence to long-term therapies: Evidence for action', *European Journal of Cardiovascular Nursing*, 2(4), p. 323. doi: 10.1016/S1474-5151(03)00091-4.

Geetha, A., Gopalakrishnan, S. and Umadevi, R. (2017) 'Study on the impact of family history of diabetes among type 2 diabetes mellitus patients in an urban area of Kancheepuram district, Tamil Nadu', *International Journal Of Community Medicine And Public Health*, 4(11), pp. 4151–1456. doi: 10.18203/2394-6040.ijcmph20174819.

Geisen, E. and Bergstrom, J. R. (2017) *Usability Testing for Survey Research*. USA: Morgan Kaufmann.

Glanz, K., Rimer, B. k. and Viswanath, K. (2002) *Health and Health*.

Green, L. W. and Ottoson, J. M. (2006) 'A Framework for Planning and Evaluation: PRECEDE-PROCEED Evolution and Application of the Model', *Poltekkes Jogja*, p. Hal. 1-18.

Greenwood, D. A. *et al.* (2015) 'Overcoming clinical inertia: A randomized clinical trial of a telehealth remote monitoring intervention using paired glucose testing in

adults with type 2 diabetes', *Journal of Medical Internet Research*, 17(7), pp. 1–17. doi: 10.2196/jmir.4112.

Guilford, J. P., Christensen, N. A., Bond, N. A. and Sutton, M. A. (1954) 'A Factor Analysis Study of Human Interests', *Psychological Monographs: General and Applied*, 68(4), p. 375.

Gupta, L. *et al.* (2019) 'Factors determining the success of therapeutic lifestyle interventions in diabetes - Role of partner and family support', *European Endocrinology*, 15(1), pp. 18–24. doi: 10.17925/EE.2019.15.1.18.

Guthrie, DW & Guthrie, R. (2009) *Management of Diabetes Mellitus A Guide to the Pattern Approach*. Six Editio. New York: Springer Publishing Company.

Hackett, R. A. and Steptoe, A. (2017) 'Type 2 diabetes mellitus and psychological stress-a modifiable risk factor', *Nature Reviews Endocrinology*, 13(9), pp. 547–560. doi: 10.1038/nrendo.2017.64.

Hagan, L., Morin, D. and Lépine, R. (2000) 'Evaluation of telenursing outcomes: Satisfaction, self-care practices, and cost savings', *Public Health Nursing*, 17(4), pp. 305–313. doi: 10.1046/j.1525-1446.2000.00305.x.

Hailu, F. B., Moen, A. and Hjortdahl, P. (2019) 'Diabetes self-management education (DSME) – Effect on knowledge, self-care behavior, and self-efficacy among type 2 diabetes patients in Ethiopia: A controlled clinical trial', *Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy*, 12, pp. 2489–2499. doi: 10.2147/DMSO.S223123.

Hansen, C. R. *et al.* (2017) 'Video consultations as add-on to standard care among patients with type 2 diabetes not responding to standard regimens: A randomized controlled trial', *European Journal of Endocrinology*, 176(6), pp. 727–736. doi: 10.1530/EJE-16-0811.

Hariawan, H., Fathoni, A. and Purnamawati, D. (2019) 'Hubungan Gaya Hidup (Pola Makan dan Aktivitas Fisik) Dengan Kejadian Diabetes Melitus di Rumah Sakit Umum Provinsi NTB', *Jurnal Keperawatan Terpadu (Integrated Nursing Journal)*, 1(1), pp. 1–7. doi: 10.32807/jkt.v1i1.16.

Heisler, M. *et al.* (2003) 'How well do patients' assessments of their diabetes self-management correlate with actual glycemic control and receipt of recommended diabetes services?', *Diabetes Care*, 26(3), pp. 738–743. doi: 10.2337/diacare.26.3.738.

Hekmat-Ardakani, A. *et al.* (2023) 'The effects of dietary supplements and natural products targeting glucose levels: an overview', *Critical Reviews in Food Science and Nutrition*, 63(23), pp. 6138–6167. doi: 10.1080/10408398.2022.2028716.

Hinkle & Cheever (2014) *Brunner & Sudrath's Textbook of Medical- Surgical Nursing*, 13th ed. 13 edition, Lippincott Williams & Wilkins. 13 edition. Edited by S. Dickinson. New York London: Lisa McAllister.



Hsu, H. C., Lee, Y. J. and Wang, R. H. (2018) 'Influencing Pathways to Quality of Life and HbA1c in Patients With Diabetes: A Longitudinal Study That Inform Evidence-Based Practice', *Worldviews on Evidence-Based Nursing*, 15(2), pp. 104–112. doi: 10.1111/wvn.12275.

Hu, Y. *et al.* (2018) 'Smoking Cessation, Weight Change, Type 2 Diabetes, and Mortality', *New England Journal of Medicine*, 379(7), pp. 623–632. doi: 10.1056/nejmoa1803626.

Huang, D. *et al.* (2017) 'Macrovascular Complications in Patients with Diabetes and Prediabetes', *BioMed Research International*, 2017, p. 9 pages. Available at: <https://doi.org/10.1155/2017/7839101%0AReview>.

Istiyawanti, H. *et al.* (2019) 'Gambaran Perilaku Self Care Management Pada Penderita Diabetes Melitus Tipe 2', *Jurnal Kesehatan Masyarakat (e-Journal)*, 7(1), pp. 155–167. Available at: <http://ejournal3.undip.ac.id/index.php/jkm>.

Jain, S. R. *et al.* (2020) 'Patients' and healthcare professionals' perspectives towards technology-assisted diabetes self-management education. A qualitative systematic review', *PLoS ONE*, 15(8 August), pp. 1–20. doi: 10.1371/journal.pone.0237647.

Jing, X. *et al.* (2018) 'Related factors of quality of life of type 2 diabetes patients: a systematic review and meta-analysis', *Health and Quality of Life Outcomes*, 16(1), pp. 1–14. doi: 10.1186/s12955-018-1021-9.

Judith, M., Anderson-Baucum, E. and Evans-Molina, C. (2017) 'Smoking and the Risk of Type 2 Diabetes', *Transl Res*, 184(3), pp. 101–107. doi: 10.1016/j.trsl.2017.02.004.Smoking.

Kafle, N., Poudel, R. and Shrestha, S. (2018) 'Noncompliance to Diet and Medication among Patients with Type 2 Diabetes Mellitus in Selected Hospitals of Kathmandu, Nepal', *Journal of Social Health and Diabetes*, 06(02), pp. 090–095. doi: 10.1055/s-0038-1675687.

Kanadli, K. A., Ovayolu, N. and Ovayolu, Ö. (2016) 'Does telephone follow-up and education affect self-care and metabolic control in diabetic patients?', *Holistic Nursing Practice*, 30(2), pp. 70–77. doi: 10.1097/HNP.000000000000137.

Katuuk, M. E. and Kallo, V. D. (2019) 'Hubungan Motivasi Dengan Efikasi Diri Pada Pasien Dengan Diabetes Melitus Tipe Ii Di Rumah Sakit Umum Gmim Pancaran Kasih Manado', *Jurnal Keperawatan*, 7(1). doi: 10.35790/jkp.v7i1.25209.

Kaya, A., Ozturk, R. and Gumussoy, C. A. (2019) 'Usability Measurement of Mobile Applications with System Usability Scale (SUS)', in Lopez-paredes, A. (ed.) *Industrial Engineering in the Big Data*. Turkey: Springer, pp. 389–400.

Kemkes RI (2020) 'Tetap Produktif, Cegah Dan Atasi Diabetes Mellitus', *pusat data dan informasi kementerian kesehatan RI*. Kemenkes. Available at: <https://pusdatin.kemkes.go.id/article/view/20111800001/diabetes-mellitus.html>.

- Kim, S. H. and Utz, S. (2019) 'Effectiveness of a Social Media-Based, Health Literacy-Sensitive Diabetes Self-Management Intervention: A Randomized Controlled Trial', *Journal of Nursing Scholarship*, 51(6), pp. 661–669. doi: 10.1111/jnu.12521.
- Koetsenruijter, J. *et al.* (2016) 'Social support and self-management capabilities in diabetes patients: An international observational study', *Patient Education and Counseling*, 99(4), pp. 638–643. doi: 10.1016/j.pec.2015.10.029.
- Kurniawaty, E. and Yanita, B. (2016) 'Faktor-Faktor Yang Berhubungan Dengan Kejadian Diabetes Mellitus Tipe 2', *MEDICAL JOURNAL OF LAMPUNG UNIVERSITY*, 5(2), pp. 27–31. doi: 10.36729/jam.v7i1.779.
- Kusnanto, K. *et al.* (2019) 'Hubungan Tingkat Pengetahuan Dan Diabetes Self-Management Dengan Tingkat Stres Pasien Diabetes Melitus Yang Menjalani Diet', *Jurnal Keperawatan Indonesia*, 22(1), pp. 31–42. doi: 10.7454/jki.v22i1.780.
- de la Cruz, J. P. S. *et al.* (2020) 'Quality of life of Latin-American individuals with type 2 diabetes mellitus: A systematic review', *Primary Care Diabetes*, 14(4), pp. 317–334. doi: 10.1016/j.pcd.2019.09.003.
- Lakerveld, J. *et al.* (2020) 'Motivation: key to a healthy lifestyle in people with diabetes? Current and emerging knowledge and applications', *Diabetic Medicine*, 37(3), pp. 464–472. doi: 10.1111/dme.14228.
- Levac, D., Colguhoun, H. and O'Brien, K. K. (2010) 'Scoping studies: advancing the methodology', *Implementation Science*, 5(69), pp. 1–9. doi: 10.1017/cbo9780511814563.003.
- Liu, X. *et al.* (2019) 'The risk factors for diabetic peripheral neuropathy: A meta-analysis', *PLoS ONE*, 14(2), pp. 1–16. doi: 10.1371/journal.pone.0212574.
- Livana, Sari, P. and Hermanto (2018) 'Gambaran Tingkat Stres Pasien Diabetes Mellitus', *Jurnal Perawat Indonesia*, 2(1), pp. 41–50. Available at: <https://doi.org/10.32584/jpi.v2i1.40>.
- Luna, R. *et al.* (2021) 'A Comprehensive Review of Neuronal Changes in Diabetics', *Cureus*, 13(10). doi: 10.7759/cureus.19142.
- Lynn, M. R. (1985) 'Determination and Quantification Of Content Validity', *Nursing Research*, 35(6), pp. 382–386.
- M.Abd Elgaphar, S. and Ibrahim Abd El Gafar, S. (2017) 'Effect Of Tele-Nursing (Phone-Based Follow-Ups) On Self-Efficacy, Healthy Lifestyle, And Glycemic Control In Diabetic Patients', *Journal of Nursing and Health Science*, 6(3), pp. 67–76. doi: 10.9790/1959-0603056776.
- Maddy, L. M., Cannon, J. G. and Lichtenberger, E. J. (2015) 'The effects of social support on self-esteem, self-efficacy, and job search efficacy in the unemployed', *Journal of Employment Counseling*, 52(2), pp. 87–95. doi: 10.1002/joec.12007.



- Malini, H. *et al.* (2020) 'Associated Factors of Self-Management in Type 2 Diabetes Mellitus at Community Health Center', *Jurnal Keperawatan Soedirman*, 15(2), pp. 24–30. doi: 10.20884/1.jks.2020.15.2.1229.
- Mamaghani, H. A. *et al.* (2021) 'Effect of Empowerment Program with and without Telenursing on Self-efficacy and Glycosylated Hemoglobin Index of Patients with Type-2 Diabetes: A Randomized Clinical Trial', *Journal of Caring Sciences*, 10(1), pp. 22–28. doi: 10.15171/jcvtr.2015.24.
- Mangasuli, V. *et al.* (2021) 'A study on compliance with diet, exercise, medication and regular follow up among diabetics attending tertiary care hospital', *International Journal of Preclinical and Clinical Research*, 2(1), pp. 24–27. doi: 10.51131/ijpccr/v2i1.1.
- Marlina, T. T. *et al.* (2023) 'The Effectiveness of Telenursing for Diabetes Self-management Education: A Scoping Review', *Open Nursing Journal*, 17, pp. 1–14. doi: 10.2174/18744346-v17-230815-2023-38.
- Maslakpak, M. H., Razmara, S. and Niazkhani, Z. (2017a) 'Effects of Face-to-Face and Telephone-Based Family-Oriented Education on Self-Care Behavior and Patient Outcomes in Type 2 Diabetes: A Randomized Controlled Trial', *Journal of Diabetes Research*, 2017, pp. 1–10. doi: 10.1155/2017/8404328.
- Maslakpak, M. H., Razmara, S. and Niazkhani, Z. (2017b) 'Effects of Face-to-Face and Telephone-Based Family-Oriented Education on Self-Care Behavior and Patient Outcomes in Type 2 Diabetes: A Randomized Controlled Trial', *Journal of Diabetes Research*, 2017, p. 10 pages. doi: 10.1155/2017/8404328.
- Mendes, R., Martins, S. and Fernandes, L. (2019) 'Adherence to Medication, Physical Activity and Diet in Older Adults With Diabetes: Its Association With Cognition, Anxiety and Depression', *Journal of Clinical Medicine Research*, 11(8), pp. 583–592. doi: 10.14740/jocmr3894.
- Mikhael, E. M., Hassali, M. A. and Hussain, S. A. (2020) 'Effectiveness of diabetes self-management educational programs for type 2 diabetes mellitus patients in middle east countries: A systematic review', *Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy*, pp. 117–138. doi: 10.2147/DMSO.S232958.
- Miller, D. K. and Fain, J. A. (2006) 'Diabetes Self-Management Education', *Nursing Clinics of North America*, 41(4), pp. 655–666. doi: 10.1016/j.cnur.2006.07.010.
- Miller, T. A. and DiMatteo, M. R. (2013) 'Importance of family/social support and impact on adherence to diabetic therapy', *Diabetes, Metabolic Syndrome and Obesity*, 6, pp. 421–426. doi: 10.2147/DMSO.S36368.
- Mogre, V. *et al.* (2017) 'Adherence to and factors associated with self-care behaviours in type 2 diabetes patients in Ghana', *BMC Endocrine Disorders*, 17(1), pp. 1–8. doi: 10.1186/s12902-017-0169-3.

Mogre, V. *et al.* (2019) 'A systematic review of adherence to diabetes self-care behaviours: Evidence from low- and middle-income countries', *Journal of Advanced Nursing*, 75(12), pp. 3374–3389. doi: 10.1111/jan.14190.

Mohamed, A. M. A.-M. *et al.* (2023) 'Effect of Tele - nursing Guidelines on Knowledge among Women with GDM during COVID - 19', *Zagazig Nursing Journal*, 19(1), pp. 1–21.

Montano, D. (2008) *Health Behavior and Health Education*. 4 th. Edited by K. Glanz, B. K. Rimer, and K. Vismanath. Jossey-Bass A Wiley Imprint.

Moucheraud, C. *et al.* (2019) 'The costs of diabetes treatment in low- A nd middle-income countries: A systematic review', *BMJ Global Health*, 4(1), pp. 1–12. doi: 10.1136/bmjgh-2018-001258.

Murtiningsih, M. K., Pandelaki, K. and Sedli, B. P. (2021) 'Gaya Hidup sebagai Faktor Risiko Diabetes Melitus Tipe 2', *e-CliniC*, 9(2), pp. 328–333. doi: 10.35790/ecl.v9i2.32852.

Mustarim, S. W., Nur, B. M. and Azzam, R. (2019) 'Faktor – Faktor Yang Berhubungan Dengan Self Management Pada Pasien DM Tipe II', *Journal of Telenursing (JOTING)*, 8(5), p. 55. Available at: <https://doi.org/10.31539/joting.v1i2.838%0AFAKTOR>.

Nasab, M. N. *et al.* (2017) 'Effects of Self-management Education Through Telephone Follow-up in Diabetic Patients', *Health Care Manager*, 36(3), pp. 273–281. doi: 10.1097/HCM.000000000000172.

Nichols, T. R. *et al.* (2010) 'Putting the kappa statistic to use', *Quality Assurance Journal*, 13(3–4), pp. 57–61. doi: 10.1002/qaj.481.

Osborn, C. Y. and Egede, L. E. (2010) 'Validation of an Information-Motivation-Behavioral Skills Model of Diabetes Self-Care (IMB-DSC)', *Patient Educ Couns.*, 79(1), pp. 49–54. doi: 10.1016/j.pec.2009.07.016.Validation.

Osborne, jason W. and Costello, A. B. (2009) 'Best Practices in Exploratory-Factor Analysis Four Recommendations for Getting the-Most From Your Analysis', *Pan-Pacific Management Review*, 12(2), pp. 131–146. doi: <https://doi.org/10.7275/jyj1-4868>.

Padila, P. *et al.* (2018) 'Home Visit Berbasis Sistem Informasi Manajemen Telenursing', *Jurnal Keperawatan Silampari*, 2(1), pp. 217–235. doi: 10.31539/jks.v2i1.305.

Pamungkas, R. A. *et al.* (2016) 'Self Management Program Among Type 2 Diabetes Mellitus Patients: a Literature Review', *Belitung Nursing Journal*, 2(3), pp. 34–39. doi: 10.33546/bnj.18.

Patimah, I. *et al.* (2019) 'Effect of Telenursing and Diabetes Self-Management Education Towards Fasting Blood Glucose in type 2 diabetes mellitus', *ICCSET*, (November), pp. 382–387. doi: 10.4108/eai.24-10-2018.2280594.

- Peimani, M. *et al.* (2016) 'Effectiveness of short message service-based intervention (SMS) on self-care in type 2 diabetes: A feasibility study', *Primary Care Diabetes*, 10(4), pp. 251–258. doi: 10.1016/j.pcd.2015.11.001.
- PERKENI (2021) *Pedoman Pengelolaan dan Pencegahan Diabetes Melitus Tipe 2 Dewasa di Indonesia 2021*. Juli 2021. PB PERKENI. Available at: <https://pbperkeni.or.id/unduh>.
- Perwitasari, I. (2019) 'The Role of Space Technology to Telemedicine in Indonesia towards the Goal of Sustainable Development', *International Journal of Innovative Science and Research Technology*, 4(12), pp. 868–879. Available at: [www.ijisrt.com](http://www.ijisrt.com)868.
- Peyrot, M. *et al.* (2009) 'Access to diabetes self-management education: Results of national surveys of patients, educators, and physicians', *Diabetes Educator*, 35(2), pp. 246–263. doi: 10.1177/0145721708329546.
- Pratama, W. W., Nurhest, P. O. Y. and Sulistiowati, M. D. (2019) 'Pengaruh Telenursing Terhadap Perawatan Diri Pasien Dengan Penyakit Kronis', *Community of Publishing in Nursing (COPING)*, 7(2), pp. 87–94. Available at: <https://ojs.unud.ac.id/index.php/coping/article/view/53714>.
- Purc-Stephenson, R. J. (2013) 'Telenursing: A Review of Recent Trends, Emerging Issues and Evolving Practices', *Ann Emerg Disp Resp*, 1(2), pp. 6–11. Available at: <https://cdn.emergencydispatch.org/AEDR/pdfs/AEDR-2-2013-Telenursing.pdf>.
- Putri, D. S. R., Yudianto, K. and Kurniawan, T. (2013) 'Perilaku Self-Management Pasien Diabetes Melitus (DM) Self-Management Behaviour of Patient with Diabetes Mellitus (DM)', *Fakultas Keperawatan Universitas Padjadjaran*, 1(April 2013), p. 30. Available at: <https://doi.org/10.24198/jkp.v1i1.49>.
- Qiu, T., Huang, J. and Wang, W. (2020) 'Association between Diabetes Knowledge and Self-Efficacy in Patients with Type 2 Diabetes Mellitus in China: A Cross-Sectional Study', *International Journal of Endocrinology*, 2020. doi: 10.1155/2020/2393150.
- Riddle, M. C. and Herman, W. H. (2018) 'The cost of diabetes cared an elephant in the room', *Diabetes Care*, 41(5), pp. 929–932. doi: 10.2337/dci18-0012.
- Rosenstock, I. M. (1974) 'Historical origins of the health belief model. Health Education Monographs', *Health Education Monographs*, 2(4), pp. 328–335. doi: <http://dx.doi.org/10.1177/109019817400200403>.
- Rosland, A. M. *et al.* (2008) 'When is social support important? The association of family support and professional support with specific diabetes self-management behaviors', *Journal of General Internal Medicine*, 23(12), pp. 1992–1999. doi: 10.1007/s11606-008-0814-7.
- Ryan, D. *et al.* (2020) 'Competencies for Diabetes Care and Education Specialists', *Diabetes Educator*, 46(4), pp. 384–397. doi:

10.1177/0145721720931092.

Ryan, P. and Sawin, K. J. (2009) 'The Individual and Family Self-Management Theory: Background and perspectives on context, process, and outcomes', *Nursing Outlook*, 57(4), pp. 217–225. doi: 10.1016/j.outlook.2008.10.004.

Sabil, F. A., Kadar, K. S. and Sjattar, E. L. (2019) 'Faktor – Faktor Pendukung Self Care Management Diabetes Mellitus Tipe 2: a Literature Review', *Jurnal Keperawatan*, 10(1), p. 48. doi: 10.22219/jk.v10i1.6417.

Sakurai, M. *et al.* (2013) 'Family history of diabetes, lifestyle factors, and the 7-year incident risk of type 2 diabetes mellitus in middle-aged japanese men and women', *Journal of Diabetes Investigation*, 4(3), pp. 261–268. doi: 10.1111/jdi.12033.

Sarayani, A. *et al.* (2018) 'Efficacy of a telephone-based intervention among patients with type-2 diabetes; a randomized controlled trial in pharmacy practice', *International Journal of Clinical Pharmacy*, 40(2), pp. 345–353. doi: 10.1007/s11096-018-0593-0.

Sari, Y. *et al.* (2022) 'The cultural beliefs and practices of diabetes self-management in Javanese diabetic patients: An ethnographic study', *Heliyon*, 8(2), p. e08873. doi: 10.1016/j.heliyon.2022.e08873.

Sartorius, N. (2018) 'Depression and diabetes', *Dialogues in Clinical Neuroscience*, 20(1), pp. 47–52. Available at: <https://doi.org/10.31887/DCNS.2018.20.1/nsartorius>.

Schinckus, L. *et al.* (2018) 'The role of trait emotional intelligence in diabetes self-management behaviors: The mediating effect of diabetes-related distress', *Personality and Individual Differences*, 131(November 2017), pp. 124–131. doi: 10.1016/j.paid.2018.03.028.

Schulz, T. *et al.* (2014) 'A case study for universal design in the internet of things', *Assistive Technology Research Series*, 35, pp. 45–54. doi: 10.3233/978-1-61499-403-9-45.

Shah, S. Z. A. *et al.* (2021) 'Movement is Improvement: The Therapeutic Effects of Exercise and General Physical Activity on Glycemic Control in Patients with Type 2 Diabetes Mellitus: A Systematic Review and Meta-Analysis of Randomized Controlled Trials', *Diabetes Therapy*, 12(3), pp. 707–732. doi: 10.1007/s13300-021-01005-1.

Shahabi, N. *et al.* (2022) 'The effect of telenursing training based on family-centered empowerment pattern on compliance with diet regimen in patients with diabetes mellitus type 2: a randomized clinical trial', *BMC endocrine disorders*, 22(1), p. 36. doi: 10.1186/s12902-022-00953-4.

Shahsavari, A. and Bakhshandeh Bavarsad, M. (2020) 'Is Telenursing an Effective Method to Control BMI and HbA1c in Illiterate Patients Aged 50 Years and Older With Type 2 Diabetes? A Randomized Controlled Clinical Trial',

*Journal of Caring Sciences*, 9(2), pp. 73–79. doi: 10.34172/jcs.2020.011.

Shamsizadeh, M. *et al.* (2021) 'The Effects of Education and Telephone Nurse Follow-Up (Tele-Nursing) on Diabestes Management Self –Efficacy in Patients with Type 2 Diabetic Referred to Hamadans Diabetes Center in 2018', *Avicenna Journal of Nursing and Midwifery Care*, 29(2), pp. 81–90. doi: 10.30699/ajnm.29.2.81.

Sharfina, Z. and Santoso, H. B. (2017) 'An Indonesian adaptation of the System Usability Scale (SUS)', *2016 International Conference on Advanced Computer Science and Information Systems, ICACSIS 2016*, pp. 145–148. doi: 10.1109/ICACSIS.2016.7872776.

Sharma, K. *et al.* (2022) 'Stress-Induced Diabetes: A Review', *Cureus*, 14(9), pp. 1–6. doi: 10.7759/cureus.29142.

Sherbourne, C. D. and Stewart, A. L. (1991) 'The MOS social support survey', *Social Science and Medicine*, 32(6), pp. 705–714. doi: 10.1016/0277-9536(91)90150-B.

Sherifali, D. *et al.* (2019) 'The Diabetes Health Coaching Randomized Controlled Trial: Rationale, Design and Baseline Characteristics of Adults Living With Type 2 Diabetes', *Canadian Journal of Diabetes*, 43(7), pp. 477–482. doi: 10.1016/j.cjcd.2018.10.004.

Sliwinska-Mosson, M. and Milnerowicz, H. (2017) 'The impact of smoking on the development of diabetes and its complications', *Diabetes and Vascular Disease Research*, 14(4), pp. 265–276. doi: 10.1177/1479164117701876.

Song, Y. *et al.* (2017) 'The Impact of Social Support on Self-care of Patients With Diabetes: What Is the Effect of Diabetes Type? Systematic Review and Meta-analysis', *Diabetes Educator*, 43(4), pp. 396–412. doi: 10.1177/0145721717712457.

Souza-Junior, V. D. *et al.* (2016) 'Application of telenursing in nursing practice: An integrative literature review', *Applied Nursing Research*, 29, pp. 254–260. doi: 10.1016/j.apnr.2015.05.005.

Speers, M. A. and Turk, D. C. (1982) 'Diabetes self-care: Knowledge, beliefs, motivation, and action', *Patient Counselling and Health Education*, 3(4), pp. 144–149. doi: 10.1016/s0738-3991(82)80005-0.

Stephani, V., Opoku, D. and Beran, D. (2018) 'Self-management of diabetes in Sub-Saharan Africa: A systematic review', *BMC Public Health*, 18(1), pp. 1–11. doi: 10.1186/s12889-018-6050-0.

Sturt, J., Hearnshaw, H. and Wakelin, M. (2010) 'Validity and reliability of the DMSES UK: A measure of self-efficacy for type 2 diabetes self-management', *Primary Health Care Research and Development*, 11(4), pp. 374–381. doi: 10.1017/S1463423610000101.



Suastika, K. *et al.* (2012) 'Age is an Important Risk Factor for Type 2 Diabetes Mellitus and Cardiovascular Diseases', *Glucose Tolerance*. doi: 10.5772/52397.

Sugiharto *et al.* (2019) 'The Validity and Reliability of The Summary of Diabetes Self-Care Activities Questionnaire: An Indonesian Version', *Indonesian Nursing Journal of Education and Clinic (Injec)*, 4(1), p. 25. doi: 10.24990/injec.v4i1.229.

Swanson, V. and Maltinsky, W. (2019) 'Motivational and behaviour change approaches for improving diabetes management', *Practical Diabetes*, 36(4), pp. 121–125. doi: 10.1002/pdi.2229.

Taber, K. S. (2018) 'The Use of Cronbach's Alpha When Developing and Reporting Research Instruments in Science Education', *Research in Science Education*, 48(6), pp. 1273–1296. doi: 10.1007/s11165-016-9602-2.

Taha, N. M. *et al.* (2011) 'Factors Affecting Compliance of Diabetic Patients toward Therapeutic Management', *Med. J. Cairo Univ*, 79(1), pp. 1–8.

Taher, T. M. J. *et al.* (2021) 'The Causes of Non-Compliance to Treatment Among Type 2 Diabetes Mellitus Patients', *Journal of Contemporary Studies in Epidemiology and Public Health*, 2(2), p. ep21006. doi: 10.30935/jconseph/11276.

Toobert, D. J., Hampson, S. E. and Glasgow, R. E. (2000) 'The Summary of Diabetes Self-Care', *Diabetes Care Journal*, 23(7), pp. 943–950. Available at: <https://doi.org/10.2337/diacare.23.7.943>.

Trivasse, H., Webb, T. L. and Waller, G. (2020) 'A meta-analysis of the effects of training clinicians in exposure therapy on knowledge, attitudes, intentions, and behavior', *Clinical Psychology Review*, 80, p. 101887. doi: 10.1016/j.cpr.2020.101887.

Vaske, J. J., Beaman, J. and Sponarski, C. C. (2017) 'Rethinking Internal Consistency in Cronbach's Alpha', *Leisure Sciences*, 39(2), pp. 163–173. doi: 10.1080/01490400.2015.1127189.

Viigimaa, M. *et al.* (2019) 'Macrovascular Complications of Type 2 Diabetes Mellitus', *Current Vascular Pharmacology*, 18(2), pp. 110–116. doi: 10.2174/1570161117666190405165151.

Waari, G., Mutai, J. and Gikunju, J. (2018) 'Medication adherence and factors associated with poor adherence among type 2 diabetes mellitus patients on follow-up at Kenyatta National Hospital, Kenya', *Pan African Medical Journal*, 29. doi: 10.11604/pamj.2018.29.82.12639.

Wahyudin, Y. and Rahayu, D. N. (2020) 'Analisis Metode Pengembangan Sistem Informasi Berbasis Website: A Literatur Review', *Jurnal Interkom: Jurnal Publikasi Ilmiah Bidang Teknologi Informasi dan Komunikasi*, 15(3), pp. 26–40. doi: 10.35969/interkom.v15i3.74.

Wynchank, S. and Sabbah, N. (2016) 'eHealth and Telenursing', in Eren, H. and

Webster, J. G. (eds) *TELEHEALTH AND MOBILE HEALTH*. CRC Press Taylor & Francis Group Boca Raton London New York., pp. 119–144. Available at: <http://www.crcpress.com>.

Xie, M., King, R. B. and Luo, Y. (2023) 'Social motivation and deep approaches to learning: a nationwide study among Chinese college students', *Higher Education*, 85(3), pp. 669–687. doi: 10.1007/s10734-022-00860-6.

Yang, H. *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*, 2017, p. 9 pages. doi: 10.1155/2017/3901392.

Yun, E. K. and Park, H. A. (2006) 'Factors affecting the implementation of telenursing in Korea', *Studies in Health Technology and Informatics*, 122, pp. 657–659. Available at: pmid: 17102344.

Zheng, F. *et al.* (2019) 'Effects of an outpatient diabetes self-management education on patients with type 2 diabetes in China: A randomized controlled trial', *Journal of Diabetes Research*, 2019, pp. 1–7. doi: 10.1155/2019/1073131.