

DAFTAR PUSTAKA

- Abedini M, Bijari B, Miri Z, Shakhs F, Abbasi A, 2020. The quality of life of the patients with diabetes type 2 using EQ-5D-5 L in Birjand. *Health and Quality of Life Outcomes* [revista en Internet] 2020 [acceso 15 de noviembre de 2021]; 18(1): 1-9. *Heal. Qual. Life Outcome* 8, 1–9.
- Ahmad, M., Rachmawaty, R., Sjattar, E.L., Yusuf, S., 2017. prolanis implementation effective to control fasting blood sugar, hba1c and total cholesterol levels in patients with type 2 diabetes. *j. ners* 12, 88.
- Alkaff, F.F., Illavi, F., Salamah, S., Setiyawati, W., Ramadhani, R., Purwantini, E., Tahapary, D.L., 2021. The Impact of the Indonesian Chronic Disease Management Program (PROLANIS) on Metabolic Control and Renal Function of Type 2 Diabetes Mellitus Patients in Primary Care Setting. *J. Prim. Care Community Heal.* 12.
- Alliston, P., Jovkovic, M., Khalid, S., Fitzpatrick-Lewis, D., Ali, M.U., Sherifali, D., 2024. The effects of diabetes self-management programs on clinical and patient reported outcomes in older adults: a systematic review and meta-analysis. *Front. Clin. Diabetes Healthc.* 5.
- Antar, S.A., Ashour, Nada A., Sharaky, M., Khattab, M., Ashour, Naira A., Zaid, R.T., Roh, E.J., Elkamhawy, A., Al-Karmalawy, A.A., 2023. Diabetes mellitus: Classification, mediators, and complications; A gate to identify potential targets for the development of new effective treatments. *Biomed. Pharmacother.* 168, 115734.
- Balcha Hailu, F., Hjortdahl, P., Moen, A., 2021. Effect of locally-contextualized nurse-led diabetes self-management education on psychosocial health and quality of life: A controlled before-after study. *Int. J. Africa Nurs. Sci.* 15, 100325.
- Baptista, D.R., Wiens, A., Pontarolo, R., Regis, L., Reis, W.C.T., Correr, C.J., 2016. The chronic care model for type 2 diabetes: A systematic review. *Diabetol. Metab. Syndr.* 8, 1–7.
- Bastiaens, H., Sunaert, P., Wens, J., Sabbe, B., Jenkins, L., Nobels, F., Snauwaert, B., Van Royen, P., 2009. Supporting diabetes self-management in primary care: Pilot-study of a group-based programme focusing on diet and exercise. *Prim. Care Diabetes* 3, 103–109.
- Bekele, B.B., Negash, S., Bogale, B., Tesfaye, M., Getachew, D., Weldekidan, F., Balcha, B., 2021. Effect of diabetes self-management education (DSME) on glycated hemoglobin (HbA1c) level among patients with T2DM: Systematic

review and meta-analysis of randomized controlled trials. *Diabetes Metab. Syndr. Clin. Res. Rev.* 15, 177–185.

Bodenheimer, T., Wagner, E.H., Grumbach, K., 2002a. Improving primary care for patients with chronic illness: The chronic care model, Part 2. *J. Am. Med. Assoc.* 288, 1909–1914.

Bodenheimer, T., Wagner, E.H., Grumbach, K., 2002b. Improving primary care for patients with chronic illness. *J. Am. Med. Assoc.* 288, 1775–1779.

Boels, A.M., Vos, R.C., Dijkhorst-Oei, L.T., Rutten, G.E.H.M., 2019. Effectiveness of diabetes self-management education and support via a smartphone application in insulin-treated patients with type 2 diabetes: Results of a randomized controlled trial (TRIGGER study). *BMJ Open Diabetes Res. Care* 7, 1–4.

BPJS Kesehatan, 2014. Penguatan Faskes Primer Sebagai Ujung Tombak pelayanan Kesehatan Peserta BPJS kesehatan [WWW Document]. URL <https://www.bpjs-kesehatan.go.id/bpjs/index.php/post/read/2014/278/Penguatan-Faskes-Primer-Sebagai-Ujung-Tombak-pelayanan-Kesehatan-Peserta-BPJS-kesehatan>

BPJS Kesehatan, 2015. Panduan Praktis Prolanis.

Buse, J.B., Wexler, D.J., Tsapas, A., Rossing, P., Mingrone, G., Mathieu, C., D'Alessio, D.A., Davies, M.J., 2020. 2019 update to: Management of hyperglycemia in type 2 diabetes, 2018. A consensus report by the American Diabetes Association (ADA) and the European Association for the Study of Diabetes (EASD). *Diabetes Care* 43, 487–493.

Care, D., Suppl, S.S., 2022. Classification and diagnosis of diabetes : standards of medical care in diabetes — 2022. *Diabetes Care* 45, 517–38.

Care, D., Suppl, S.S., 2025. 1. Improving Care and Promoting Health in Populations: Standards of Care in Diabetes—2025. *Diabetes Care* 48, S14–S26.

Chaudhuri, S., Agiwal, V., Chandrasekhar, C., Babu, M.P., 2025. Self-care practices in diabetes among populations in India : a systematic review and meta-analysis.

Chrvala, C.A., Sherr, D., Lipman, R.D., 2016. Diabetes self-management education for adults with type 2 diabetes mellitus: A systematic review of the effect on glycemic control. *Patient Educ. Couns.* 99, 926–943.

Dac Teoli; Abhishek Bhardwaj, 2023. Quality Of Life [WWW Document].

StatPearls. URL <https://www.ncbi.nlm.nih.gov/books/NBK536962/> (accessed 2.1.25).

- Davis, J., Fischl, A.H., Beck, J., Browning, L., Carter, A., Condon, J.E., Dennison, M., Francis, T., Hughes, P.J., Jaime, S., Lau, K.H.K., McArthur, T., McAvoy, K., Magee, M., Newby, O., Ponder, S.W., Quraishi, U., Rawlings, K., Socke, J., Stancil, M., Uelmen, S., Villalobos, S., 2022. 2022 National Standards for Diabetes Self-Management Education and Support. *Sci. Diabetes Self-Management Care* 48, 44–59.
- De Wolf, A.H., Toebes, B., 2016. Assessing private sector involvement in health care and universal health coverage in light of the right to health. *Health Hum. Rights* 18, 79–92.
- Deakin, T.A., Cade, J.E., Williams, R., Greenwood, D.C., 2006. Structured patient education: The Diabetes X-PERT Programme makes a difference. *Diabet. Med.* 23, 944–954.
- Education, D.S., 2025. 5 . Facilitating Positive Health Behaviors and Well-being to Improve Health Outcomes : Standards of Care in Diabetes — 2025 48, 86–127.
- Elsayed, N.A., Aleppo, G., Aroda, V.R., Bannuru, R.R., Brown, F.M., Bruemmer, D., Collins, B.S., Hilliard, M.E., Isaacs, D., Johnson, E.L., Kahan, S., Khunti, K., Leon, J., Lyons, S.K., Perry, M. Lou, Prahalad, P., Pratley, R.E., Seley, J.J., Stanton, R.C., Gabbay, R.A., 2023. 1. Improving Care and Promoting Health in Populations: Standards of Care in Diabetes—2023. *Diabetes Care* 46, S10–S18.
- Ernawati, U., Wihastuti, T.A., Utami, Y.W., 2021. Effectiveness of diabetes self-management education (Dsme) in type 2 diabetes mellitus (t2dm) patients: Systematic literature review. *J. Public health Res.* 10, 404–408.
- Febriani, D.H., 2020. Health Literacy pada Pasien Diabetes Mellitus Tipe 2. *Media Ilmu Kesehat.* 9, 127–132.
- Fejes, R., Kádár, C., Kovács-Huber, R., Taybani, Z., Juhász, L., Rutai, A., Tallósy, S.P., 2025. Efficacy of Simplifying Complex Insulin Regimen on Glycometabolic Parameters and Target Organ Damage in Type 2 Diabetes: A Retrospective Cohort Study. *J. Diabetes Res.* 2025.
- Fischer, M.J., Scharloo, M., Abbink, J.J., van 't Hul, A.J., van Ranst, D., Rudolphus, A., Weinman, J., Rabe, K.F., Kaptein, A.A., 2009. Drop-out and attendance in pulmonary rehabilitation: The role of clinical and psychosocial variables. *Respir. Med.* 103, 1564–1571.
- Franz, M.J., 2001. Carbohydrate and diabetes: is the source or the amount of more

importance? *Curr. Diab. Rep.* 1, 177–186.

Garrido-Bueno, M., Pabón-Carrasco, M., Jiménez-Picón, N., Romero-Castillo, R., 2024. Health Promotion in Glycemic Control and Emotional Well-Being of People with Type 1 Diabetes Mellitus: A Systematic Review and Meta-Analysis. *Healthc.* 12, 1–16.

Ghasemi, A., Zahediasl, S., 2012. Normality tests for statistical analysis: A guide for non-statisticians. *Int. J. Endocrinol. Metab.* 10, 486–489.

Gholami, A., Azini, M., Borji, A., Shirazi, F., Sharafi, Z., Zarei, E., 2013. Quality of life in patients with type 2 diabetes: Application of WHOQoL-BREF scale. *Shiraz E Med. J.* 14, 162–171.

Giner-sorolla, R., Montoya, A.K., Reifman, A., Carpenter, T., Jr, N.A.L., Aberson, C.L., Bostyn, D.H., Conrique, B.G., Ng, B.W., Schoemann, A.M., Soderberg, C., 2024. Power to Detect What ? Considerations for Planning and Evaluating Sample Size.

Haas, L., Maryniuk, M., Beck, J., Cox, C.E., Duker, P., Edwards, L., Fisher, E.B., Hanson, L., Kent, D., Kolb, L., McLaughlin, S., Orzeck, E., Piette, J.D., Rhinehart, A.S., Rothman, R., Sklaroff, S., Tomky, D., Youssef, G., 2012 Standards Revision Task Force, 2014. National standards for diabetes self-management education and support. *Diabetes Care* 37 Suppl 1, 1630–1637.

Hand, C., 2016. Measuring health-related quality of life in adults with chronic conditions in primary care settings: Critical review of concepts and 3 tools TT - Mesurer la qualité de vie liée à la santé des adultes souffrant de problèmes chroniques en milieux de soins . *Can. Fam. Physician* 62, e375–e383.

Handayani, P.W., Moeis, F.R., Ayuningtyas, D., 2021. Comparing Indonesian men's health-seeking behavior and likelihood to suffer from illness across sociodemographic factors. *J. Mens. health* 17, 278–286.

Hassan, A., Alshehri, A., Alosaimi, A.M., Aldawsari, S.F., Alqassar, H.M., Sulaiman, L., 2025. Care of Diabetic Patients through Inter Professional Collaboration 4929, 729–739.

Hati, A.K., Kristina, S.A., Yasin, N.M., Lazuardi, L., 2023. Educational Curriculum for Diabetes Mellitus (DM) Patients at the Public Health Center in Salatiga City, Central Java Province. *BIO Web Conf.* 75, 1–7.

Hildawati, 2024. *Buku Ajar Metodologi Penelitian Kuantitatif & Aplikasi Pengolahan Analisa.*

International Diabetes Federation, 2024. *IDF Diabetes Atlas [WWW Document].* URL <https://diabetesatlas.org/data/en/world/> (accessed 10.30.24).

- Isaksson, U., Hajdarevic, S., Abramsson, M., Stenvall, J., Hörnsten, Å., 2015. Diabetes empowerment and needs for self-management support among people with type 2 diabetes in a rural inland community in northern Sweden. *Scand. J. Caring Sci.* 29, 521–527.
- Kemenkes RI, 2018. Hasil Riset Kesehatan Dasar Tahun 2018. Kementerian Kesehatan. RI 53, 1689–1699.
- Kemenkes RI, 2023. Survey Kesehatan Indonesia.
- Kemenkes RI, 2024. Peraturan menteri kesehatan republik indonesia nomor 19 tahun 2024 tentang penyelenggaraan pusat kesehatan masyarakat.
- Kim, T.K., 2013. Statistics and Probability. *Encycl. Sci. Relig.* 2215–2216.
- Kota, D.K., 2024. Profil Kesehatan Kota Yogyakarta. Yogyakarta.
- Lemeshow, S., Hosmer Jr, D.W., Klar, J., Lwanga, S.K., 1990. Adequacy of Sample Size in Health Studies. WHO, New York.
- Lionthina, M., Wiwaha, G., Gondodiputro, S., Sukandar, H., Arya, I.F.D., Sunjaya, D.K., 2020. Elderly Quality of Life and Its Predictors in Chronic Disease Management Program: Indonesian Version of WHOQOL-BREF and WHOQOL-OLD. *Maj. Kedokt. Bandung* 52, 28–34.
- Lou, H., Jiang, Y., Xu, C., Dong, Z.M., Liu, D., Qiao, C., Zhang, P., 2024. Effects of a combination of dyslipidemia and hypertension on the glycemic control of patients with type 2 diabetes mellitus: a cross-sectional study. *SAGE Open Med.* 12.
- Mannucci, E., Giaccari, A., Gallo, M., Bonifazi, A., Belén, Á.D.P., Masini, M.L., Trento, M., Monami, M., 2022. Self-management in patients with type 2 diabetes: Group-based versus individual education. A systematic review with meta-analysis of randomized trails. *Nutr. Metab. Cardiovasc. Dis.* 32, 330–336.
- Mchugh, M.L., 2013. The Chi-square test of independence Lessons in biostatistics. *Biochem. Medica* 23, 143–9.
- Meyerowitz-Katz, G., Ravi, S., Arnolda, L., Feng, X., Maberly, G., Astell-Burt, T., 2020. Rates of attrition and dropout in app-based interventions for chronic disease: Systematic review and meta-analysis. *J. Med. Internet Res.* 22, 1–10.
- Miller, C.J., Smith, S.N., Pugatch, M., 2020. Experimental and quasi-experimental designs in implementation research. *Psychiatry Res.* 283, 112452.
- Mousavi, Z., Bagheri, M., Najafi, F., Yavari, M., Bahirae, O., Moradinazar, M., 2025. Shedding light on pharmacoepidemiology of eye diseases: a cohort

study in Western Iran. *Sci. Rep.* 15, 1–15.

- Naeem, M.H., Raza, M., Aziz, M. Bin, Ullah, N., Wahab, A., Khan, Z.A., Farooq, H., 2025. Effectiveness of Insulin Versus Oral Agents in Patients with Uncontrolled Type 2 Diabetes Mellitus: A Retrospective Comparative Study. *Cureus* 17.
- Naik., E.E.R., 2023. Hemoglobin A1C [WWW Document]. *Natl. Libr. Med.* URL <https://www.ncbi.nlm.nih.gov/books/NBK549816/> (accessed 1.30.25).
- Nappoe, S.A., Djasri, H., Kurniawan, M.F., 2023. Chronic disease management programme (PROLANIS) in Indonesia: Case study, *Iris. Who.Int.*
- Naser, A.Y., Wong, I.C.K., Whittlesea, C., Beykloo, M.Y., Man, K.K.C., Lau, W.C.Y., Hyassat, D.A.H., Wei, L., 2018. Use of multiple antidiabetic medications in patients with diabetes and its association with hypoglycaemic events: A case-crossover study in Jordan. *BMJ Open* 8.
- Nutting, P.A., Dickinson, W.P., Dickinson, L.M., Nelson, C.C., King, D.K., Crabtree, B.F., Glasgow, R.E., 2007. Use of chronic care model elements is associated with higher-quality care for diabetes. *Ann. Fam. Med.* 5, 14–20.
- Ogurtsova, K., Guariguata, L., Barengo, N.C., Ruiz, P.L.D., Sacre, J.W., Karuranga, S., Sun, H., Boyko, E.J., Magliano, D.J., 2022. IDF diabetes Atlas: Global estimates of undiagnosed diabetes in adults for 2021. *Diabetes Res. Clin. Pract.* 183.
- Perkeni, 2021. *Pedoman Pengelolaan dan Pencegahan Diabetes Melitus Tipe 2 Dewasa di Indonesia.* *Glob. Initiat. Asthma* 46.
- Polonsky, W.H., Henry, R.R., 2016. Poor medication adherence in type 2 diabetes: Recognizing the scope of the problem and its key contributors. *Patient Prefer. Adherence* 10, 1299–1306.
- Powers, M.A., Bardsley, J., Cypress, M., Duker, P., Funnell, M.M., Fischl, A.H., Maryniuk, M.D., Siminerio, L., Vivian, E., 2015. Diabetes self-management education and support in type 2 diabetes: A joint position statement of the American Diabetes Association, the American Association of Diabetes Educators, and the Academy of Nutrition and Dietetics. *Diabetes Care* 38, 1372–1382.
- Rismayani, D., Amiruddin, R., Jafar, N., Aa, A., Wahyu, A., Aa, M., 2025. EFFECTIVENESS OF DIABETES SELF-MANAGEMENT EDUCATION (DSME) AND FAMILY-BASED INTERVENTIONS ON QUALITY OF LIFE IN PEOPLE WITH TYPE 2 DIABETES 28.
- Schober, P., Vetter, T.R., 2021. *Linear Regression in Medical Research.* *Anesth.*

Analg. 132, 108–109.

- 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, 179–186.
- Schwartz, S.S., Epstein, S., Corkey, B.E., Grant, S.F.A., Gavin, J.R., Aguilar, R.B., Herman, M.E., 2017. A Unified Pathophysiological Construct of Diabetes and its Complications. *Trends Endocrinol. Metab.* 28, 645–655.
- Schweyer, L., 2015. Diabetes and quality of life. *Rev. Infirm.* 64, 45–46.
- Serdar, C.C., Cihan, M., Serdar, M.A., 2021. Sample size, power and effect size revisited: simplified and practical approaches in pre-clinical, clinical and laboratory studies 31, 1–27.
- Sherifali, D., Berard, L.D., Gucciardi, E., MacDonald, B., MacNeill, G., 2018. Self-Management Education and Support. *Can. J. Diabetes* 42, S36–S41.
- Siddiqi, S., Aftab, W., Venkat Raman, A., Soucat, A., Alwan, A., 2023. The role of the private sector in delivering essential packages of health services: Lessons from country experiences. *BMJ Glob. Heal.* 8, 1–9.
- Steinsbekk, A., Rygg, L., Lisulo, M., By Rise, M., Fretheim, A., 2015. Group based diabetes self-management education compared to routine treatment, waiting list control or no intervention for people with type 2 diabetes mellitus. *Cochrane Database Syst. Rev.* 2017.
- Stellefson, M., Dipnarine, K., Stopka, C., 2013. The chronic care model and diabetes management in us primary care settings: A systematic review. *Prev. Chronic Dis.* 10, 1–21.
- Subkhan, M., Firman, F., Agustini, I., 2024. the Effect of Diabetes Self Management Education (Dsme) on 13, 127–134.
- Valentine, W.J., Palmer, A.J., Nicklasson, L., Cobden, D., Roze, S., 2006. Improving life expectancy and decreasing the incidence of complications associated with type 2 diabetes: A modelling study of HbA1c targets. *Int. J. Clin. Pract.* 60, 1138–1145.
- Van Dieren, S., Beulens, J.W.J., Van Der Schouw, Y.T., Grobbee, D.E., Neal, B., 2010. The global burden of diabetes and its complications: An emerging pandemic. *Eur. J. Cardiovasc. Prev. Rehabil.* 17.
- Waddington, H., Aloe, A.M., Becker, B.J., Djimeu, E.W., Hombrados, J.G., Tugwell, P., Wells, G., Reeves, B., 2017. Quasi-experimental study designs series—paper 6: risk of bias assessment. *J. Clin. Epidemiol.* 89, 43–52.

- Wagner, E.H., 1998. Chronic disease management: what will it take to improve care for chronic illness? *Eff. Clin. Pract.* 1, 2–4.
- Wagner, E.H., Austin, B.T., Davis, C., Hindmarsh, M., Schaefer, J., Bonomi, A., 2001. Improving chronic illness care: Translating evidence into action. *Health Aff.* 20, 64–78.
- WHO, 2004. The World Health Organization Quality of Life (WHOQOL)-BREF. *World Heal. Organ.* 1–6.
- WHO, 2022. Diabetes.
- WHO, 2024. Diabetes [WWW Document]. URL https://www.who.int/health-topics/diabetes?gad_source=1&gclid=Cj0KCQiA1Km7BhC9ARIsAFZfEIu6IcGwDEd2t632Yxaj4m9_GyRY368iTalPTR3iHcRtBdH4lRtLefQaAp31EALw_wcB#tab=tab_1 (accessed 12.24.24).
- Xie, X., Wu, C., Hao, Y., Wang, T., Yang, Y., Cai, P., Zhang, Y., Huang, J., Deng, K., Yan, D., Lin, H., 2023. Benefits and risks of drug combination therapy for diabetes mellitus and its complications: a comprehensive review. *Front. Endocrinol. (Lausanne)*. 14, 1–17.
- Zheng, Y.P., Wu, L.F., Su, Z.F., Zhou, Q.H., 2014. Development of a diabetes education program based on modified AADE diabetes education curriculum. *Int. J. Clin. Exp. Med.* 7, 758–763.