

## References

- Agency of Health-care Research and Quality. (2011). *Health literacy interventions and outcomes: An updated systematic review*. Rockville, MD: Agency for Health-care Research and Quality.
- Armitage, P., & Colton, T. (1998). *Encyclopedia of biostatistics* (pages 4,898). John Wiley & Sons, Chichester.
- Babazadeh, T., Dianatinasab, M., Daemi, A., Nikbakht, H. A., Moradi, F., & Ghaffari-Fam, S. (2017). Association of Self-Care Behaviors and Quality of Life among Patients with Type 2 Diabetes Mellitus: Chaldoran County, Iran. *Diabetes & Metabolism Journal*, *41*(6), 449–456. <https://doi.org/10.4093/dmj.2017.41.6.449>.
- Bastaki, S. (2005) Review diabetes mellitus and its treatment. *International Journal of Diabetes & Metabolism*, *13*, 111-134.
- Baynest, H. W. (2015). Classification, pathophysiology, diagnosis and management of diabetes mellitus. *Journal of Diabetes and Metabolism*. *6*(5): 1–9.
- Berkman, N. D., Davis, T. C. & McCormack, L. (2010). Health literacy: What is it *Journal of Health Communication*, *15*, 9-19.
- Cavanaugh K. L. (2011). Health literacy in diabetes care: explanation, evidence and equipment. *Diabetes management* (London, England), *1*(2), 191–199. <https://doi.org/10.2217/dmt.11.5>
- Centers for Disease Control and Prevention. (2017). Global Noncommunicable Diseases Fact Sheet. <https://www.cdc.gov/globalhealth/healthprotection/resources/fact-sheets/global-ncd-fact-sheet.html>.
- Choi, S., Song, M., Chang, S. J., & Kim, S. A. (2014). Strategies for enhancing information, motivation, and skills for self-management behavior changes: A qualitative study of

diabetes care for older adults in Korea. *Patient Preference & adherence*. 8, 219-226.  
doi:10.2147/PPA.S58631.

Chusmeywati V. (2016). Hubungan Dukungan Keluarga terhadap Kualitas Hidup Penderita Diabetes Melitus di RS PKU Muhammadiyah Yogyakarta Unit II. Yogyakarta [Relationship of family support to quality of life of diabetes mellitus patients at PKU Muhammadiyah Hospital Yogyakarta Unit II]. Universitas Muhammadiyah Yogyakarta.

Cohen, J. (1988). *Statistical power analysis for the behavioral sciences* (2nd ed.). Hillsdale, NJ: Lawrence Erlbaum Associates, Publishers.

CPHA (Canadian Public Health Association). (2006). *Low Health Literacy and Chronic Disease Prevention and Control— Perspectives from the Health and Public Sectors*.

Dewi, M. (2019). Hubungan antara Self-Management dan Kualitas Hidup Pasien Diabetes Melitus type 2. [The Relationship between Self-Management and Quality of Life of Type 2 Diabetes Mellitus Patients.] *Jurnal Kesehatan Karya Husad*, 7(2).

Orem, D. (2003). *Self-Care deficit theory* (1st ed). Sage: Newbury Park, Calif.

Dunning, T. (2003). *Care of people with diabetes – A manual of nursing practice*. Melbourne: Blackwell Publishing.

Eyuboglu, E., & Schulz, P. (2016). Validation of Turkish health literacy measures. *Health Promotion International*, 2015, 1–8.

Gaffari-Fam, S., Lotfi, Y., Daemi, A., Babazadeh, T., Sarbazi, E., Dargahi-Abbasabad, G., & Abri, H. (2020). Impact of health literacy and self-care behaviors on health-related quality of life in Iranians with type 2 diabetes: a cross-sectional study. *Health and quality of life outcomes*, 18(1), 357. <https://doi.org/10.1186/s12955-020-01613-8>.

Gille, S., Griese, L., Schaeffer, D. (2021). Preferences and Experiences of People with Chronic Illness in Using Different Sources of Health Information: Results of a Mixed-Methods

Study. *Int. J. Environ. Res. Public Health* 2021, 18, 13185. <https://doi.org/10.3390/ijerph182413185>

Huang, Y. J., Lin, G. H., Lu, W. S., Tam, K. W., Chen, C., Hou, W. H., & Hsieh, C. L. (2018). Validation of the European Health Literacy Survey Questionnaire in women breast cancer. *Cancer Nursing*, 41(2), E40–E48. <https://doi.org/10.1097/NCC.0000000000000475>.

Institute of Medicine. (2004). *Health literacy: A prescription to end confusion*. Washington, DC: National Academies Press.

International Diabetes Federation. (2017). *IDF Western Pacific members, diabetes atlas*.

International Diabetes Federation. (2019). *Diabetes Atlas* (9th ed.). Belgium.

Kemenkes, R. I. (2013). *Riset Kesehatan Dasar; RISKESDAS. [Basic Health Research]*. Jakarta: Balitbang Kemenkes RI. [Jakarta: Research and Development of the Indonesian Ministry of Health].

Kemenkes, R. I. (2018). *Laporan Nasional Riset Kesehatan Dasar; RISKESDAS. [National Report on Basic Health Research, Indonesian Ministry of Health]*. 2018;1–582.

Lee, Y. J., Shin, S. J., Wang, R. H., Lin, K. D., Lee, Y. L., & Wang, Y. H. (2016). Pathways of empowerment perceptions, health literacy, self-efficacy, and self-care behaviors to glycemic control in patients with type 2 diabetes mellitus. *Patient Education Counseling*. 99(2), 287-294. doi: 10.1016/j.pec.2015.08.021. Epub 2015 Sep 2. PMID: 26341940.

Levene, S., & Donnelly, R. (2007). *Management of type 2 diabetes mellitus* (2<sup>nd</sup> ed.). St. Louis, Mosby.

Lima, M. A., Duque, A. P., Rodrigues Junior, L. F., Lima, V. C., Trotte, L. A., & Guimaraes, T. C. (2020). Health literacy and quality of life in hospitalized heart failure patients: a

- cross-sectional study. *American Journal of Cardiovascular Disease* 10(4):490-498.  
<https://pubmed.ncbi.nlm.nih.gov/33224600/>.
- Lu, Y., Xu, J., Zhao, W., & Han, H. R. (2015). Measuring self-care in persons with type 2 diabetes: A systematic review. *Evaluation & the Health Professions*, 39(2), 131–184.  
<https://doi.org/10.1177/0163278715588927>.
- Macabasco-O'Connell, A., & Fry-Bowers, E. K. (2011). Knowledge and perceptions of health literacy among nursing professionals. *Journal of Health Communication*, 16 Suppl 3, 295–307. <https://doi.org/10.1080/10810730.2011.604389>.
- Nasiriziba, F., Rasouli, D., Safaei, Z., Rokhafrooz, D., & Rahmani, A. (2015). Factors associated with quality of life in patients with diabetic foot ulcers. *Jundishapur Journal of Chronic Disease Care*, 4.
- National Institutes of Health (2021). Health literacy. *Clear communication*. National Institutes of Health. <https://www.nih.gov/institutes-nih/nih-office-director/office-communications-public-liaison/clear-communication/health-literacy>
- Nevine, D., & Abdelhak, Z. (2017). Measuring blood glucose concentrations in photometric glucometers requiring very small sample volumes. *IEEE Transactions in Biomedical Engineering*. 64(1), 28-39.
- Noorratri, E. D. (2019). Improving quality of life patients with diabetes mellitus through physichal therapy. 2 (1), 19-25. DOI: <https://doi.org/10.32584/jikk.v2i1.301>.
- Nurjanah, N., Rachmani, E., Manglapy, YM. (2014). Assessing health literacy on student using online HLS-EU-16.
- Nutbeam, D. (2006). Health promotion glossary. *Journal of Medical Internet Research. Health Promotion International* 1998; 13(4), 349-64.

- Ozougwu, J. C., Obimba, K. C., Belonwu, C. D., & Unakalamba, C. B. (2013). The pathogenesis and pathophysiology of type 1 and type 2 diabetes mellitus. *Journal of Physiology and Pathophysiology*. doi:10.5897/JPAP.
- Pallant, J. (2013). *SPSS survival manual: A step by step guide to data analysis using IBM SPSS* (4th ed.). Crows Nest, NSW: Allen & Unwin.
- Panahi, R., Kazemi, S., Juyani, AK., & Pishvaei, M. (2018). Health literacy and self-care in patients. *Journal of Research and Health* 8(5), 392-393.
- Patandung, V. P., Kadar, K. S., & Erika, K. A. (2018). Tingkat Literasi Kesehatan Pasien Diabetes Mellitus Tipe 2 Di Puskesmas Kota Tomohon. [Health literacy level of type 2 diabetes mellitus patients at the Tomohon city health center]. *Interest Jurnal Ilmu Kesehatan* 7(2); doi: 10.37341/interest.v7i2.22.
- Pawlak, R. (2005). Economic considerations of health literacy. *Nursing Economic\$,* 23(4), 173–147. <https://pubmed.ncbi.nlm.nih.gov/16189982/>.
- PERKENI (2015). *Konsensus Pengelolaan dan Pencegahan Diabetes Mellitus tipe 2 di Indonesia*. [Consensus on the management and prevention of type 2 diabetes mellitus in Indonesia.] Jakarta: PB PERKENI.
- Pongoh, L., Pandelaki, K., Wariki, W. (2020). Hubungan antara Literasi Kesehatan dengan Kualitas Hidup pada Penyandang Diabetes Melitus Tipe 2 di Rumah Sakit Umum GMIM Pancaran Kasih Manado. [The relationship between health literacy and quality of life for people with type 2 diabetes mellitus at GMIM Pancaran Kasih general hospital Manado.] *E-CliniC*, 8(2), Juli-Desember 2020, hlm. 259-266.
- Poureslami, I., Nimmon, L., Rootman, I., Fitzgerald, M. J. (2016). Health literacy and chronic disease management: drawing from expert knowledge to set an agenda, *Health Promotion International*, Volume 32, Issue 4, August 2017, Pages 743–754, <https://doi.org/10.1093/heapro/daw003>.

Profil Kesehatan Kota [City Health Profile] Manado. (2017). Manado.

Rachmawati, U., Sahar, J., & Kusumawati, D. N. (2017). The association of diabetes literacy with self-management among older people with type 2 diabetes mellitus: A cross-sectional study. *BMC Nursing* 18(Suppl 1), 34. doi: 10.1186/s12912-019-0354-y.

Rosyada, Trihandini. (2013). Determinan komplikasi kronik DM [Determinates of chronic complications DM] *Jurnal Kesehatan Masyarakat Nasional*. 7(9).

Sabil, F. A. (2018). Relationship between health literacy and self-efficacy towards self-care management of type 2 diabetes mellitus patients in Makassar City Health Center.

Sabil, F. A., Kadar, K. S., & Sjattar, E. L. (2019). Factors supporting self-care management on diabetes mellitus type 2. *Jurnal Keperawatan* 10(1):48. DOI: 10.22219/jk.v10i1.6417.

Sayah.F. A., Qiu, W., & Johnson, J. A. (2016). Health literacy and health-related quality of life in adults with type 2 diabetes: A longitudinal study. *Quality Life Research*.25(6), 1487-1494. doi: 10.1007/s11136-015-1184-3. Epub 2015 Nov 24. PMID: 26603739.

Schillinger D, Grumbach K, Piette J, Wang F, Osmond D, Daher C, Palacios J, Sullivan GD, Bindman AB. (2002). Association of health literacy with diabetes outcomes. *JAMA*. 2002 Jul 24-31;288(4):475-82. doi: 10.1001/jama.288.4.475. PMID: 12132978.

Singh, N., Kesharwani, R., Tiwari, A. K. & Patel, D. (2016). A review on diabetes mellitus. *The Pharma Innovation Journal*. 5(7), 36-40. <https://www.thepharmajournal.com/archives/2016/vol5issue7/PartA/5-6-6-243.pdf>.

Thent, Z. C., Das, R., & Henry, L. J. (2013). Role of exercise in the management of diabetes mellitus: *The Global Scenario*. doi: 10.1371/journal.pone.0080436.

Van der Heide I, Poureslami I, Mitic W, Shum J, Rootman I, FitzGerald JM. (2018). Health literacy in chronic disease management: a matter of interaction. *J Clin Epidemiol*. 2018 Oct;102:134-138. doi: 10.1016/j.jclinepi.2018.05.010. Epub 2018 May 21. PMID: 29793001.

- Watts SA, Stevenson C, Adams M. (2017). Improving health literacy in patients with diabetes. *Nursing*. 2017 Jan;47(1):24-31. doi: 10.1097/01.NURSE.0000510739.60928.a9. PMID: 27922896.
- Weiler, D. M., & Crist, J. (2007). Diabetes Self-Management in the migrant Latino population. *Hispanic Health Care International*. 5(1), 27 -37.  
**doi:** <https://doi.org/10.1891/154041507780851941>.
- Winaningsih, Setyowati, Lestari, NT. (2019). Aplikasi nutri diabetic care sebagai media konseling untuk meningkatkan kepatuhan diet diabetes mellitus. [Nutri diabetic care application as a counseling medium to improve diabetes mellitus diet compliance]. *Ilmu Gizi Indonesia*, 3(2), 103-112.
- Winkley, K., Upsher, R., Stahl, D., Pollard, D., Kasera, A., Brennan, A., Heller, S., Ismail, K. (2020). Psychological interventions to improve self-management of type 1 and type 2 diabetes: A systematic review. *Health Technology Assessment*. 24(28), 1-232. doi: 10.3310/hta24280.
- World Health Organization. (1994). *Dietary treatment*. WHO Regional Office for the Eastern Mediterranean.
- World Health Organization. (1997). WHOQOL: Measuring quality of life. Division of Mental Health and Prevention of Substance Abuse.
- World Health Organization. (2013). *Action Plan for the Global Strategy for the Prevention and Control of Noncommunicable Diseases*.
- World Health Organization. (2016). *World health statistics 2016: monitoring health for the SDGs, sustainable development goals*. World Health Organization. <https://apps.who.int/iris/handle/10665/206498>.
- World Health Organization. (2018). *Fact sheet; Diabetes mellitus*. [Http://www.who.int](http://www.who.int).

World Health Organization. (2019). *World health statistics 2019: Monitoring health for the SDGs, sustainable development goals*. World Health Organization.

Yamashita, T., & Kart, C. S. (2011). Is diabetes-specific health literacy associated with diabetes-related outcomes in older adults? *Journal of Diabetes*, 3(2), 138–146. doi.org/10.1111/j.1753-0407.2011.00112.x.

Zaben, K., & Khalil, A. (2019). Health Literacy, Self-care behavior and quality of life in acute coronary syndrome patients: An integrative review. *Open Journal of Nursing*, 9(4), 383-395. doi: 10.4236/ojn.2019.94035.