

DAFTAR PUSTAKA

- Abdelsadek, S. E., El Saghir, E. O., & Abdel Raheem, S. I. (2018). Serum 25(OH) vitamin D level and its relation to diabetic peripheral neuropathy in Egyptian patients with type 2 diabetes mellitus. *The Egyptian Journal of Neurology, Psychiatry and Neurosurgery*, 54(1). <https://doi.org/10.1186/S41983-018-0036-9>
- Adiputra, I. M., Trisnadewi N.W, Oktaviani N.P.W, Munthe S.A, Hulu V.T, (2021). *Metodologi penelitian kesehatan*. Yayasan Kita Menulis.
- Aikaeli, F., Njim, T., Gissing, S., Moyo, F., Alam, U., Mfinanga, S. G., Okebe, J., Ramaiya, K., Webb, E. L., Jaffar, S., & Garrib, A. (2022). Prevalence of microvascular and macrovascular complications of diabetes in newly diagnosed type 2 diabetes in low-and-middle-income countries: A systematic review and meta-analysis. *PLOS Global Public Health*, 2(6), e00000599. <https://doi.org/10.1371/JOURNAL.PGPH.00000599>
- Aleidan, F. A., Ahmad, B. A., Alotaibi, F. A., Aleesa, D. H., Alhefdhi, N. A., Badri, M., & Gader, A. G. A. (2020). Prevalence and risk factors for diabetic peripheral neuropathy among saudi hospitalized diabetic patients: A nested case-control study. *International Journal of General Medicine*, 13, 881–889. <https://doi.org/10.2147/IJGM.S273807>
- Alghafri, R. M., Gatt, A., & Formosa, C. (2020a). Depression symptoms in patients with diabetic peripheral neuropathy. *The Review of Diabetic Studies : RDS*, 16(1), 35. <https://doi.org/10.1900/RDS.2020.16.35>

- Alhajji, A. M., Alkhlaif, Z. K., Bukhamsin, S. A., Alkhars, F. S., & Al-Hussaini, H. (2022). Diabetic neuropathy: prevalence and impact on quality of life in al-ahsa, Saudi Arabia. *Cureus*, 14(12). <https://doi.org/10.7759/CUREUS.33176>
- Alruba, A. A., Hyassat, D., Khader, Y. S., Bani-Mustafa, R., Younes, N., & Ajlouni, K. (2019). Factors associated with health-related quality of life among jordanian patients with diabetic foot ulcer. *Journal of Diabetes Research*, 8.4706720 <https://doi.org/10.1155/2019/4706720>
- Alshammari NA, Alodhayani AA, Joy SS, Isnani A, Mujammami M, Alfadda AA, Siddiqui K (2022). Evaluation of risk factors for diabetic peripheral neuropathy among saudi type 2 diabetic patients with longer duration of diabetes. *Diabetes Metab Syndr Obes*. 15:3007-3014 <https://doi.org/10.2147/DMSO.S364933>
- American Diabetes Asociation. (2021). Classification and diagnosis of diabetes: standards of medical care in diabetes—2021. *Diabetes Care*, 44(Supplement_1), S15–S33. <https://doi.org/10.2337/DC21-S002>
- American Diabetes Association. (2019). Introduction: standards of medical care in diabetes—2019. *Diabetes Care*, 42(Supplement_1), S1–S2. <https://doi.org/10.2337/DC19-SINT01>
- American Diabetes Association. (2022). Classification and diagnosis of diabetes: standards of medical care in diabetes—2022. *Diabetes Care*, 45(Supplement_1), S17–S38. <https://doi.org/10.2337/DC22-S002>
- Aminah, S., & Alfirda Abbas, I. (2019). Hubungan antara diabetes melitus tipe 2 dengan tingkat depresi dan kualitas hidup pasien di RSUD Daya Kota

Makassar. *Media Keperawatan*: 10(2), 55–61.

<https://doi.org/10.32382/JMK.V10I2.1041>

Amour, A. A., Chamba, N., Kayandabila, J., Lyaruu, I. A., Marieke, D., Shao, E. R., & Howlett, W. (2019). Prevalence, patterns, and factors associated with peripheral neuropathies among diabetic patients at tertiary hospital in the Kilimanjaro Region: descriptive cross-sectional study from north-eastern Tanzania. *International Journal of Endocrinology*, 2019(1), 5404781. <https://doi.org/10.1155/2019/5404781>

Andersen, S. T., Witte, D. R., Dalsgaard, E. M., Andersen, H., Nawroth, P., Fleming, T., Jensen, T. M., Finnerup, N. B., Jensen, T. S., Lauritzen, T., Feldman, E. L., Callaghan, B. C., & Charles, M. (2018). Risk factors for incident diabetic polyneuropathy in a cohort with screen-detected type 2 diabetes followed for 13 Years: ADDITION-Denmark. *Diabetes Care*, 41(5), 1068–1075. <https://doi.org/10.2337/DC17-2062>

Angger Utary, & Ulmy Mahmud. (2023). Faktor yang berhubungan dengan komplikasi diabetes melitus di rumah sakit Dr. Tadjuddin Chalid. *Window of Public Health Journal*, 4(5), 851–860. <https://doi.org/10.33096/WOPH.V4I5.776>

Aprian, A., Fatmawati, N. K., & Bakhtiar, R. (2021). Hubungan indeks massa tubuh dengan derajat retinopati diabetik. *Jurnal Kedokteran Mulawarman*, 8(2), 49–56. <https://doi.org/10.30872/JKM.V8I2.6388>

- Arbain, I., & Arisanti Yulanda, N. (2022). Kejadian depresi pada pasien yang mengalami diabetes melitus tipe 2 : literature review. *ProNers*, 7(1). <https://jurnal.untan.ac.id/index.php/jmkeperawatanFK/article/view/56293>
- Badrujamaludin, A., Santoso, M. B., & Nastrya, D. (2021). Hubungan aktivitas fisik dengan kejadian neuropati diabetik pada penderita diabetes mellitus Tipe 2. *Holistik Jurnal Kesehatan*, 15(2), 176–186. <https://doi.org/10.33024/HJK.V15I2.3624>
- Bartoli, F., Carrà, G., Crocamo, C., Carretta, D., La Tegola, D., Tabacchi, T., Gamba, P., & Clerici, M. (2016). Association between depression and neuropathy in people with type 2 diabetes: a meta-analysis. *International Journal of Geriatric Psychiatry*, 31(8), 829–836. <https://doi.org/10.1002/GPS.4397>
- Bodman, M. A., & Varacallo, M. (2023). *Peripheral Diabetic Neuropathy*. StatPearls. <https://www.ncbi.nlm.nih.gov/books/NBK442009/>
- Briffett, B. H., Gubitosi-Klug, R. A., Albers, J. W., Feldman, E. L., Martin, C. L., White, N. H., Orchard, T. J., Lopes-Virella, M., Lachin, J. M., & Pop-Busui, R. (2020). Risk factors for diabetic peripheral neuropathy and cardiovascular autonomic neuropathy in the diabetes control and complications trial/epidemiology of diabetes interventions and complications (DCCT/EDIC) *Diabetes study*, 69(5), 1000–1010. <https://doi.org/10.2337/DB19-1046/-DC1>
- Bui, H. D. T., Jing, X., Lu, R., Chen, J., Ngo, V., Cui, Z., Liu, Y., Li, C., & Ma, J. (2019). Prevalence of and factors related to microvascular complications in patients with type 2 diabetes mellitus in Tianjin, China: A cross-sectional

- study. *Annals of Translational Medicine*, 7(14), 325–325.
<https://doi.org/10.21037/ATM.2019.06.08>
- Bull, F. C., Maslin, T. S., & Armstrong, T. (2009). Global physical activity questionnaire (GPAQ): nine country reliability and validity study. *Journal of Physical Activity & Health*, 6(6), 790–804.
<https://doi.org/10.1123/JPAH.6.6.790>
- Clair, C., Cohen, M. J., Eichler, F., Selby, K. J., & Rigotti, N. A. (2015). The effect of cigarette smoking on diabetic peripheral neuropathy: A systematic review and meta-analysis. *Journal of General Internal Medicine*, 30(8), 1193.
<https://doi.org/10.1007/S11606-015-3354-Y>
- De Groot, M., Anderson, R., Freedland, K. E., Clouse, R. E., & Lustman, P. J. (2001). Association of depression and diabetes complications: A meta-analysis. *Psychosomatic Medicine*, 63(4), 619–630.
<https://doi.org/10.1097/00006842-200107000-00015>
- Degu, H., Wondimagegnehu, A., Yifru, Y. M., & Belachew, A. (2019). Is health related quality of life influenced by diabetic neuropathic pain among type II diabetes mellitus patients in Ethiopia? *PLOS ONE*, 14(2), e0211449.
<https://doi.org/10.1371/JOURNAL.PONE.0211449>
- Ede, O., Eyichukwu, G. O., Madu, K. A., Ogbonnaya, I. S., Okoro, K. A., Basil-Nwachukwu, C. (2018). Evaluation of peripheral neuropathy in diabetic adults with and without foot ulcers in an african population. *Journal of Biosciences and Medicines*, 6(12), 71–78. <https://doi.org/10.4236/JBM.2018.612007>

Ernandes, R. de C., Brech, G. C., Luna, N. M. S., Bega, A., Guimarães, D. S., Bocalini, D. S., Scherrer, G., Greve, J. M. D. A., Leme, L. E. G., & Alonso, A. C. (2020). Impact of diabetic neuropathy on quality of life and postural balance in brazilian order adults. *Acta Ortopedica Brasileira*, 28(6), 275. <https://doi.org/10.1590/1413-785220202806234529>

Faiqotunnuriyah, F. (2021). Faktor risiko neuropati diabetik pada penderita diabetes melitus tipe 2. *Kesmas Indonesia*, 13(1), 64. <https://doi.org/10.20884/1.KI.2021.13.1.3227>

Fakkel, T. M., Çakici, N., Coert, & J. H., Verhagen, A. P., Brammer, W. M., & Van Neck, J. W. (n.d.). Risk factors for developing diabetic peripheral neuropathy: A meta-analysis. <https://doi.org/10.1007/s42399-020-00480-0>

Fitri, A., Sjahrir, H., Bachtiar, A., Ichwan, M., Fitri, F. I., & Rambe, A. S. (2019). Predictive model of diabetic polyneuropathy severity based on vitamin D level. *Open Access Macedonian Journal of Medical Sciences*, 7(16), 2626. <https://doi.org/10.3889/OAMJMS.2019.454>

Gebabo, T. F., Zewdie, T. H., Shagaro, S. S., & Haile, F. (2021). Determinants of peripheral neuropathy among diabetic patients under follow-up in chronic care clinics of public hospitals at Gamo and Gofa zones, southern Ethiopia. *PLOS ONE*, 16(2), e0246722. <https://doi.org/10.1371/JOURNAL.PONE.0246722>

Ghadeer, H. A. Al, Barqi, M. Al, Almaqhwai, A., Alsultan, A. S., Alghafli, J. A., (2021). Prevalence of dyslipidemia in patients with type 2 diabetes mellitus: A cross-sectional study. *Cureus*, 13(12). <https://doi.org/10.7759/CUREUS.20222>

Gogia, S., & Rao, C. (2017). Prevalence and risk factors for peripheral neuropathy among type 2 diabetes mellitus patients at a tertiary care hospital in Coastal Karnataka. *Indian Journal of Endocrinology and Metabolism*, 21(5), 665. https://doi.org/10.4103/IJEM.IJEM_43_17

Goyal, R., Jialal, I. (2023, May 8). *Type 2 Diabetes - StatPearls - NCBI Bookshelf*. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing. <https://www.ncbi.nlm.nih.gov/books/NBK513253/>

Graciella, V., & Prabawati, D. (2020). The effectiveness of diabetic foot exercise to peripheral neuropathy symptoms and fasting blood glucose in type 2 diabetes patients.

Gylfadottir, S. S., Christensen, D. H., Nicolaisen, S. K., Andersen, H., Callaghan, B. C. (2020). Diabetic polyneuropathy and pain, prevalence, and patient characteristics: A cross-sectional questionnaire study of 5,514 patients with recently diagnosed type 2 diabetes. *Pain*, 161(3), 574–583. <https://doi.org/10.1097/J.PAIN.0000000000001744>

Han, L., Ji, L., Chang, J., Wen, J., Zhao, W., Shi, H., Zhou, L., Li, Y., Hu, R., Hu, J., & Lu, B. (2015). Peripheral neuropathy is associated with insulin resistance independent of metabolic syndrome. *Diabetology and Metabolic Syndrome*, 7(1), 1–6. <https://doi.org/10.1186/S13098-015-0010-Y/TABLES/2>

Handari, M., Erida Wijayanti, A., Retna Ambarwati, E.,(2023). Analisis faktor resiko komplikasi diabetes mellitus tipe 2 di rumah sakit umum daerah sleman yogyakarta. *Jurnal Kesehatan Karya Husada*, 11(1), 49–57. <https://doi.org/10.36577/JKKH.V11I1.572>

- Hardani, Andriani, H., Ustiawaty, J., Utami, E. F., Istiqomah, R. R., Fardani, R. A., Sukmana, D. J., & Auliya, N. H. (2020). *Metode Penelitian Kualitatif dan Kuantitatif* (1st ed.). CV.Pustaka Ilmu.
- Herder, C., Kannenberg, J. M., Huth, C., Carstensen-Kirberg, M., Rathmann, W., Koenig, W., Strom, A., Bönhof, G. J., Heier, M., Thorand, B., Peters, A., Roden, M., Meisinger, C., & Ziegler, D. (2018). Myeloperoxidase, superoxide dismutase-3, cardiometabolic risk factors, and distal sensorimotor polyneuropathy: The KORA F4/FF4 study. *Diabetes/Metabolism Research and Reviews*, 34(5). <https://doi.org/10.1002/DMRR.3000>
- Hicks, C. W., & Selvin, E. (2019). Epidemiology of peripheral neuropathy and lower extremity disease in diabetes. *Current Diabetes Reports*, 19(10), 86. <https://doi.org/10.1007/S11892-019-1212-8>
- Holman, R. (2009). *Treating to target in type 2 diabetes* : overview. Diabetic Trial Unit, The Oxford Centre for Diabetes, Endocrinology and Metabolism. <https://www.dtu.ox.ac.uk/4-t/>
- Hu Hanquan, A., & Teo Li Wen, M. R. (2021). Prevalence of diabetic peripheral neuropathy in patients with type 2 diabetes mellitus at a tertiary referral centre in Singapore. *Proceedings of Singapore Healthcare*, 30(4), 265–270. https://doi.org/10.1177/2010105820978993/ASSET/IMAGES/10.1177_2010105820978993-IMG1.PNG
- Huang, L., Shen, X., Huang, L., Yan, S., & Wu, P. (2021a). Identification of independent risk factors for diabetic neuropathy progression in patients with

- type 2 diabetes mellitus. *The Journal of International Medical Research*, 49(9). <https://doi.org/10.1177/03000605211044366>
- Hussein, M., & Menasri, S. (2019). Prevalence of microvascular complications in type 2 diabetics attending a primary healthcare centre in Sudan. *International Journal of Diabetes and Metabolism*, 25(3–4), 127–133. <https://doi.org/10.1159/000500914>
- IDF. (2021). *IDF Diabetes Atlas* | Tenth Edition. International Diabetes Federation. <https://diabetesatlas.org/>
- Irawan, D., Wuysang, A. D., & Goysal, Y. (2019). Hubungan kadar lipid darah dengan derajat keparahan neuropati diabetik perifer di rumah sakit Wahidin Sudirohusodo. *NEURONA*, 37(1). <https://doi.org/10.52386/NEURONA.V37I1.99>
- Ismail, K., Moulton, C. D., Winkley, K., Pickup, J. C., Thomas, S. M., Sherwood, R. A., Stahl, D., & Amiel, S. A. (2017). The association of depressive symptoms and diabetes distress with glycaemic control and diabetes complications over 2 years in newly diagnosed type 2 diabetes: A prospective cohort study. *Diabetologia*, 60(10), 2092–2102. <https://doi.org/10.1007/S00125-017-4367-3>
- Jena, D., Sahoo, J., Barman, A., Behera, K. K., Bhattacharjee, S., & Kumar, S. (2022). Type 2 diabetes mellitus, physical activity, and neuromusculoskeletal complications. *Journal of Neurosciences in Rural Practice*, 13(4), 705. https://doi.org/10.25259/JNRP_11_2022

- Jiang, N., Huang, F., & Zhang, X. (2017). Smoking and the risk of diabetic nephropathy in patients with type 1 and type 2 diabetes: A meta-analysis of observational studies. *Oncotarget*, 8(54), 93209–93218. <https://doi.org/10.18632/ONCOTARGET.21478>
- Kadek, I., Wanjaya, O., Putra Yasa, I., Endang, V. M., Rahayu, S. P., & Rasdini, A. (2020). Hubungan aktivitas fisik dengan diabetik neuropati perifer pada pasien DM tipe 2 di wilayah kerja puskesmas abiansemal II tahun 2019. *Jurnal Gema Keperawatan*, 13(1), 1–9. <https://ejournal.poltekkes-denpasar.ac.id/index.php/JGK/article/view/1173>
- Kadri, H., Studi, P. S., (2021). Hubungan lama menderita dan indeks massa tubuh terhadap gejala neuropati pada penderita diabetes melitus di wilayah kerja puskesmas kenali besar. *Jurnal Akademika Baiturrahim Jambi*, 10(2), 446–451. <https://doi.org/10.36565/JAB.V10I2.414>
- Kargarian Marvasti, S., Rimaz, S., Abolghasemi, J., & Heydari, I. (2017). Survey of effective factors in the event of neuropathy in type 2 diabetic patients. *Journal of Kerman University of Medical Sciences*, 24(6), 532–537. https://jkmu.kmu.ac.ir/article_59769.html
- Kebede, S. A., Tusa, B. S., Weldesenbet, A. B., Tessema, Z. T., & Ayele, T. A. (2021). Time to diabetic neuropathy and its predictors among newly diagnosed type 2 diabetes mellitus patients in Northwest Ethiopia. *Egyptian Journal of Neurology, Psychiatry and Neurosurgery*, 57(1), 1–7. <https://doi.org/10.1186/S41983-021-00402-4/TABLES/2>
- Kemenkes RI. (2019). Laporan Riskesdas Sumatera Barat Tahun 2018.

Kingston, C., J., A., & Walsalam, S. (2021). Risk factors associated with peripheral neuropathy among diabetic individuals: a case control study. *International Journal Of Community Medicine And Public Health*, 8(2), 768–774.

<https://doi.org/10.18203/2394-6040.IJCMRPH20210236>

Kisozi, T., Mutebi, E., Kisekka, M., Lhatoo, S., Sajatovic, M., Kaddumukasa, M., Nakwagala, F. N., & Katabira, E. (2017). Prevalence, severity and factors associated with peripheral neuropathy among newly diagnosed diabetic patients attending Mulago hospital: A cross-sectional study. *African Health Sciences*, 17(2), 463–473. <https://doi.org/10.4314/AHS.V17I2.21>

Kurniawan, S. N. (2014). *Buku Ajar Neuropati* (Textbook of Neuropathy). Brawijaya University Press, July, 1–244. https://www.researchgate.net/publication/326436607_BUKU_AJAR_NEUROPATHY

Le, T. D., Nguyen, N. P. T., Tran, H. T. T., Cong, T. L., Nguyen, L. H. T., Nhu, B. Do, Nguyen, S. T., Ngo, M. Van, Dinh, H. T., Nguyen, H. T., Nguyen, K. T., & Le, D. C. (2022). Diabetic peripheral neuropathy associated with cardiovascular risk factors and glucagon-like peptide-1 concentrations among newly diagnosed patients with type 2 diabetes mellitus. *Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy*, 15, 35. <https://doi.org/10.2147/DMSO.S344532>

Lebovitz, H. E. (2011). Insulin: potential negative consequences of early routine use in patients with type 2 diabetes. *Diabetes Care*, 34(Suppl 2), S225. <https://doi.org/10.2337/DC11-S225>

Li, Z., Lei, X., Xu, B., Wang, S., Gao, T., & Lv, H. (2020). Analysis of risk factors of diabetes peripheral neuropathy in type 2 diabetes mellitus and nursing intervention. *Experimental and Therapeutic Medicine*, 20(6), 1–1. <https://doi.org/10.3892/ETM.2020.9257>

Liao, D., Ma, L., Liu, J., & Fu, P. (2019). Cigarette smoking as a risk factor for diabetic nephropathy: A systematic review and meta-analysis of prospective cohort studies. *PLOS ONE*, 14(2), e0210213. <https://doi.org/10.1371/JOURNAL.PONE.0210213>

Liu, J., Yuan, X., Liu, J., Yuan, G., Sun, Y., Zhang, D., Qi, X., Li, H., Zhang, J., Wen, B., & Guo, X. (2022). Risk factors for diabetic peripheral neuropathy, peripheral artery disease, and foot deformity among the population with diabetes in beijing, China: A multicenter, cross-sectional study. *Frontiers in Endocrinology*, 13, 824215. <https://doi.org/10.3389/FENDO.2022.824215/BIBTEX>

Lu, Y., Xing, P., Cai, X., Luo, D., Li, R., Lloyd, C., Sartorius, N., & Li, M. (2020). Prevalence and risk factors for diabetic peripheral neuropathy in type 2 diabetic patients from 14 countries: estimates of the INTERPRET-DD Study. *Frontiers in Public Health*, 8, 534372. <https://doi.org/10.3389/FPUBH.2020.534372/BIBTEX>

Made Subhawa Harsa, I., Wiradinata, H., Putu Chintya Eka Shanty, N., Nauvalia Zahiroh, V., & Surabaya, K. (2024). Edukasi upaya mencegah kejadian nyeri neuropati diabetik pada pasien diabetes mellitus tipe 2 dengan dislipidemia di

- puskesmas trowulan Kabupaten Mojokerto. *Journal of Community Development*, 4(3), 181–187. <https://doi.org/10.47134/COMDEV.V4I3.169>
- Malik, R. A., Andag-Silva, A., Dejthevaporn, C., Hakim, M., Koh, J. S., Pinzon, R., Sukor, N., & Wong, K. S. (2020). Diagnosing peripheral neuropathy in South-East Asia: A focus on diabetic neuropathy. *Journal of Diabetes Investigation*, 11(5), 1097. <https://doi.org/10.1111/JDI.13269>
- Mao, F., Zhu, X., Liu, S., Qiao, X., Zheng, H., Lu, B., & Li, Y. (2019). Age as an independent risk factor for diabetic peripheral neuropathy in chinese patients with type 2 diabetes. *Aging and Disease*, 10(3), 592. <https://doi.org/10.14336/AD.2018.0618>
- McGrath, N., McHugh, S. M., Kearney, P. M., & Toomey, E. (2020). Barriers and enablers to screening and diagnosing depression and diabetes distress in people with type 2 diabetes mellitus; protocol of a qualitative evidence synthesis. *HRB Open Research*, 2. <https://doi.org/10.12688/HRBOPENRES.12947.3/DOI>
- Meisters, R., Albers, J., Sezer, B., de Galan, B. E., Eussen, S. J. P. M., Stehouwer, (2024). Socioeconomic inequalities in health-related functioning among people with type 2 Diabetes: longitudinal analyses in the Maastricht Study. *BMC Public Health*, 24(1), 1–10. <https://doi.org/10.1186/S12889-023-17553-Z/FIGURES/3>
- Mezuk, B., Eaton, W. W., Albrecht, S., & Golden, S. H. (2008). Depression and type 2 diabetes over the lifespan: A meta-analysis. *Diabetes Care*, 31(12), 2383. <https://doi.org/10.2337/DC08-0985>

- Mildawati, M., Diani, N., & Wahid, A. (2019a). Hubungan usia, jenis kelamin dan lama menderita diabetes dengan kejadian neuropati perifer diabetik. *CNJ: Caring Nursing Journal*, 3(2), 30–37. <https://journal.umbjm.ac.id/index.php/caring-nursing/article/view/238>
- Mizokami-Stout, K. R., Shah, V., Aleppo, G., McGill, J. B., Sheikh, U., Conboy, P., ... Watson, S. (2020). The contemporary prevalence of diabetic neuropathy in type 1 diabetes: findings from the T1D exchange. *Diabetes Care*, 43(4), 806–812. <https://doi.org/10.2337/DC19-1583>
- Mohammadian-Hafshejani, A., Majdzadeh, R., Mansournia, N., & Mansournia, M. A. (2018). Risk factors of peripheral neuropathy in patients with type 2 diabetes in Isfahan: results of a cohort study in Iran. *Biomedical Research and Therapy*, 5(12), 2926–2936. <https://doi.org/10.15419/bmrat.v5i12.512>
- Moussavi, S., Chatterji, S., Verdes, E., Tandon, A., Patel, V., & Ustun, B. (2007). Depression, chronic diseases, and decrements in health: results from the World Health Surveys. *Lancet (London, England)*, 370(9590), 851–858. [https://doi.org/10.1016/S0140-6736\(07\)61415-9](https://doi.org/10.1016/S0140-6736(07)61415-9)
- Mujabi, M. F., & Yuniartika, W. (2018). Hubungan kadar gula darah dengan tingkat depresi dan aktifitas fisik pada penderita diabetes mellitus. *Jurnal Berita Ilmu Keperawatan*, 11(2), 73–83. <https://doi.org/10.23917/BIK.V11I2.10577>
- Nadrati, B. , & Supriatna, L. D. (2021). Buergen allen exercise dan ankle brachial indeks (ABI) pada penyandang diabetes mellitus. NEM.
- National Diabetes Audit - Report 2 Complications and Mortality, 2017-18 - NHS England Digital. (n.d.). Retrieved June 29, 2024, from

- <https://digital.nhs.uk/data-and-information/publications/statistical/national-diabetes-audit/report-2--complications-and-mortality-2017-18>
- NIDDK. (2023). Diabetic Neuropathy. <https://www.niddk.nih.gov/health-information/diabetes/overview/preventing-problems/nerve-damage-diabetic-neuropathies>
- Nouwen, A., Adriaanse, M. C., van Dam, K., Iversen, M. M., Viechtbauer, W., Peyrot, M., (2019). Longitudinal associations between depression and diabetes complications: A systematic review and meta-analysis. *Diabetic Medicine*, 36(12), 1562–1572. <https://doi.org/10.1111/DME.14054>
- Nozawa, K., Ikeda, M., & Kikuchi, S. (2022). Association between HbA1c levels and diabetic peripheral neuropathy: A case-control study of patients with type 2 diabetes using claims data. *Drugs - Real World Outcomes*, 9(3), 403. <https://doi.org/10.1007/S40801-022-00309-3>
- Oh, T. J., Lee, J. E., Choi, S. H., & Jang, H. C. (2019). Association between body fat and diabetic peripheral neuropathy in middle-aged adults with type 2 diabetes mellitus: A Preliminary Report. *Journal of Obesity & Metabolic Syndrome*, 28(2), 112. <https://doi.org/10.7570/JOMES.2019.28.2.112>
- Pai, Y. wei, Lin, C. H., Lee, I. Te, & Chang, M. H. (2018). Prevalence and biochemical risk factors of diabetic peripheral neuropathy with or without neuropathic pain in Taiwanese adults with type 2 diabetes mellitus. *Diabetes & Metabolic Syndrome*, 12(2), 111–116. <https://doi.org/10.1016/J.DSX.2017.09.013>

- Pan, A., Wang, Y., Talaei, M., Hu, F. B., & Wu, T. (2015). Relation of active, passive, and quitting smoking with incident type 2 diabetes: A systematic review and meta-analysis. *The Lancet Diabetes and Endocrinology*, 3(12), 958–967. [https://doi.org/10.1016/S2213-8587\(15\)00316-2](https://doi.org/10.1016/S2213-8587(15)00316-2)
- Papanas, N., & Ziegler, D. (2015). Risk Factors and Comorbidities in Diabetic Neuropathy: An Update 2015. *The Review of Diabetic Studies : RDS*, 12(1–2), 48. <https://doi.org/10.1900/RDS.2015.12.48>
- Perez-Matos, M. C., Morales-Alvarez, M. C., & Mendivil, C. O. (2017). Lipids: A Suitable Therapeutic Target in Diabetic Neuropathy? *Journal of Diabetes Research*. <https://doi.org/10.1155/2017/6943851>
- PERKENI. (2021). *Pedoman pengelolaan dan pencegahan diabetes mellitus tipe 2 di Indonesia tahun 2021*. PB PERKENI. <https://pbperkeni.or.id/wp-content/uploads/2021/11/22-10-21-Website-Pedoman-Pengelolaan-dan-Pencegahan-DMT2-Ebook.pdf>
- Perrin, B. M., Southon, J., McCaig, J., Skinner, I., Skinner, T. C., & Kingsley, M. I. C. (2022). The Effect of structured exercise compared with education on neuropathic signs and symptoms in people at risk of neuropathic diabetic foot ulcers: A randomized clinical trial. *Medicina*, 58(1). <https://doi.org/10.3390/MEDICINA58010059>
- Pfannkuche, A., Alhajjar, A., Ming, A., Walter, I., Piehler, C., & Mertens, P. R. (2020). Prevalence and risk factors of diabetic peripheral neuropathy in a diabetics cohort: Register initiative "diabetes and nerves ". *Endocrine and Metabolic Science*, 1, 100053. <https://doi.org/10.1016/j.endmts.2020.100053>

Priadana, S., & Sunarsi Denok. (2021). *Metode Penelitian Kuantitatif* (1st ed.). Pascal Books.

Punjot, P., Bishnoi, R., Kant, R., & Sharma, S. (2021). Factors associated with peripheral neuropathy among patients with type 2 diabetes mellitus: A cross-sectional study. *Journal of Cardio-Diabetes and Metabolic Disorders*, 1(1), 25. https://doi.org/10.4103/JCDM.JCDM_6_20

Putri, A. M., Hasneli, Y., & Safri, S. (2020). Faktor-faktor yang mempengaruhi derajat keparahan neuropati perifer pada pasien diabetes melitus : literature review. *Jurnal Ilmu Keperawatan*, 8(1), 38–53. <https://jurnal.usk.ac.id/JIK/article/view/17892>

Putri, R. N., & Waluyo, A. (2020). Faktor resiko neuropati perifer diabetik pada pasien diabetes melitus tipe 2 : tinjauan literatur. *Jurnal Keperawatan Abdurrahab*, 3(2), 17–25. <https://doi.org/10.36341/JKA.V3I2.839>

Rahayu Rediningsih, D., & Puji Lestari Ita. (2022). Riwayat keluarga dan hipertensi dengan kejadian diabetes melitus tipe II. *Jurnal Penelitian Dan Pengembangan Kesehatan Masyarakat Indonesia*, 3(1), 8–13. <https://doi.org/10.15294/JPPKMI.V3I1.52087>

Rahmawati, A., & Hargono, A. (2018). Dominant factor of diabetic neuropathy on diabetes mellitus type 2 patients. *Jurnal Berkala Epidemiologi*, 6(1), 60. <https://doi.org/10.20473/JBE.V6I12018.60-68>

Ritonga, S. H., Siregar, E., Simamora, F. A., & Rangkuti, J. A. (2022). Risk factors for peripheral neuropathy in patients with type 2 diabetes mellitus.

Proceedings of the Tapanuli International Health Conference 2022 (TIHC 2022), 263–268. https://doi.org/10.2991/978-94-6463-032-9_36

- Schleicher, E., Gerdes, C., Petersmann, A., Müller-Wieland, D., Müller, U. A., Freckmann, G., Heinemann, L., Nauck, M., & Landgraf, R. (2022). Definition, classification and diagnosis of diabetes mellitus 1. In Experimental and Clinical Endocrinology and Diabetes (Vol. 130). Georg Thieme Verlag. <https://doi.org/10.1055/A-1624-2897/ID/R16242897REV-0018/BIB>
- Sendi, R. A., Mahrus, A. M., Saeed, R. M., Mohammed, M. A., & Al-Dubai, S. A. R. (2020). Diabetic peripheral neuropathy among Saudi diabetic patients: A multicenter cross-sectional study at primary health care setting. *Journal of Family Medicine and Primary Care*, 9(1), 197. https://doi.org/10.4103/JFMP.JFMP_927_19
- Shiferaw, W. S., Akalu, T. Y., Work, Y., & Aynalem, Y. A. (2020). Prevalence of diabetic peripheral neuropathy in Africa: A systematic review and meta-analysis. *BMC Endocrine Disorders*, 20(1), 1–9. <https://doi.org/10.1186/S12902-020-0534-5/FIGURES/5>
- Staudt, M. D., Prabhala, T., Sheldon, B. L., Quaranta, N., Zakher, M., Bhullar, R., Pilitsis, J. G., & Argoff, C. E. (2022). Current strategies for the management of painful diabetic neuropathy. *Journal of Diabetes Science and Technology*, 16(2), 341–352. <https://doi.org/10.1177/1932296820951829/FORMAT/EPUB>
- Suharni, Kusnadi, D. T., & Zulkarnaini, A. (2022). the Karakteristik faktor-faktor risiko terjadinya neuropati diabetik pada pasien diabetes melitus tipe 2 di RSI

- Siti Rahmah Padang Tahun 2019-2020. *Scientific Journal*, 1(2), 94–100.
<https://doi.org/10.56260/SCIENA.V1I2.38>
- Sun, J., Wang, Y., Zhang, X., Zhu, S., & He, H. (2020). Prevalence of peripheral neuropathy in patients with diabetes: A systematic review and meta-analysis. *Primary Care Diabetes*, 14(5), 435–444.
<https://doi.org/10.1016/j.pcd.2019.12.005>
- Supriyadi, S., & Susmini, S. (2019). Hubungan kadar gula darah sewaktu dengan gejala neuropati perifer penderita diabetes melitus tipe 2. *Jurnal penelitian keperawatan*, 5(1). <https://doi.org/10.32660/JURNAL.V5I1.345>
- Suri, M. H., Haddani, H., & Sinulingga, S. (2018). Hubungan karakteristik, hiperglikemi, dan kerusakan saraf pasien neuropati diabetik di RSMH Palembang. *Biomedical Journal of Indonesia*, 4(1), 40–45.
<https://doi.org/10.32539/BJI.V4I1.7957>
- Syahza, A. (2021). *Metodologi Penelitian* (Revisi). UR Press.
- Tatulashvili, S., Fagherazzi, G., Dow, C., Cohen, R., Fosse, S., & Bihan, H. (2020). Socioeconomic inequalities and type 2 diabetes complications: A systematic review. *Diabetes & Metabolism*, 46(2), 89–99.
<https://doi.org/10.1016/J.DIABET.2019.11.001>
- Tofure, I. R., Huwae, L. B. S., & Astuty, E. (2021). Karakteristik pasien penderita neuropati perifer diabetik di poliklinik saraf RSUD dr. m. haulussy ambon tahun 2016-2019. *Molucca Medica*, 14(2), 97–108.
<https://doi.org/10.30598/MOLMED.2021.V14.I2.97>

- Tracey, T. J., Steyn, F. J., Wolvetang, E. J., & Ngo, S. T. (2018). Neuronal lipid metabolism: multiple pathways driving functional outcomes in health and disease. *Frontiers in Molecular Neuroscience*, 11. <https://doi.org/10.3389/FNMOL.2018.00010>
- WHO. (2023). *Diabetes*. Https://Www.Who.Int/Health-Topics/Diabetes#tab=tab_1.
- Win, M. M. T. M., Fukai, K., Nyunt, H. H., Hyodo, Y., & Linn, K. Z. (2019). Prevalence of peripheral neuropathy and its impact on activities of daily living in people with type 2 diabetes mellitus. *Nursing & Health Sciences*, 21(4), 445–453. <https://doi.org/10.1111/NHS.12618>
- Wu, B., Niu, Z., & Hu, F. (2021). Study on risk factors of peripheral neuropathy in type 2 diabetes mellitus and establishment of prediction model. *Diabetes & Metabolism Journal*, 45(4), 526–538. <https://doi.org/10.4093/DMJ.2020.0100>
- Xia, N., Morteza, A., Yang, F., Cao, H., & Wang, A. (2019). Review of the role of cigarette smoking in diabetic foot. *Journal of Diabetes Investigation*, 10(2), 202. <https://doi.org/10.1111/JDI.12952>
- Yadav, N., Shete, A., Yadav, P., Yadav, N., & Khan, S. T. (2018). Study of nerve conduction velocity in type II diabetes mellitus. *National Journal of Integrated Research in Medicine*, 6(4), 36–43. <http://nicpd.ac.in/ojs/index.php/njirm/article/view/935>
- Yang, C. P., Lin, C. C., Li, C. I., Liu, C. S., Lin, W. Y., Hwang, K. L., Yang, S. Y., Chen, H. J., & Li, T. C. (2015). Cardiovascular risk factors increase the risks of diabetic peripheral neuropathy in patients with type 2 diabetes mellitus: the

taiwan diabetes study. *Medicine*, 94(42), e1783.

<https://doi.org/10.1097/MD.0000000000001783>

Yavuz, D. G. (2022). Classification, risk factors, and clinical presentation diabetic neuropathy. *Diabetic Neuropathy*, 1–9. <https://doi.org/10.1016/B978-0-12-820669-0.00014-1>

Zhang, H. H., Han, X., Wang, M., Hu, Q., Li, S., Wang, M., & Hu, J. (2019). The association between genomic DNA methylation and diabetic peripheral neuropathy in patients with type 2 diabetes mellitus. *Journal of Diabetes Research*. <https://doi.org/10.1155/2019/2494057>

Zhen, Q., Yao, N., Chen, X., Zhang, X., Wang, Z., & Ge, Q. (2019). Total body adiposity, triglycerides, and leg fat are independent risk factors for diabetic peripheral neuropathy in chinese patients with type 2 diabetes mellitus. *Endocrine Practice : Official Journal of the American College of Endocrinology and the American Association of Clinical Endocrinologists*, 25(3), 270–278. <https://doi.org/10.4158/EP-2018-0459>

Ziegler, D., Sohr, C. G. H., & Nourooz-Zadeh, J. (2004). Oxidative stress and antioxidant defense in relation to the severity of diabetic polyneuropathy and cardiovascular autonomic neuropathy. *Diabetes Care*, 27(9), 2178–2183. <https://doi.org/10.2337/DIACARE.27.9.2178>