

DAFTAR PUSTAKA

1. Decroli E. Buku Diabetes Melitus. 1st ed. Padang: Pusat Penerbitan Bagian Ilmu Penyakit Dalam Universitas Andalas; 2021.
2. International Diabetes Federation. IDF Diabetes Atlas 10th edition [Internet]. 2021. Available from: www.diabetesatlas.org
3. Yunitasari T, Yuniarti, Noor Mintarsih S. The effectiveness of four pillars management type 2 diabetes mellitus on knowledge, attitude, and behavior of prolanis participants. *Jurnal Riset Gizi*. 2019;7(2):131–4.
4. Dinas Kesehatan Semarang. Dinkes Kota Semarang Kasus Diabetes Melitus Bisa Serang Siapapun. 2021;
5. Isnaini N, Ratnasari R. Faktor risiko mempengaruhi kejadian Diabetes mellitus tipe dua. *Jurnal Kebidanan dan Keperawatan Aisyiyah*. 2018 Jun 12;14(1):59–68.
6. Rondhianto, Nursalam, Kusnanto, Melaniani S. The effect of family caregiver empowerment interventions on family caregiver capabilities in self-management of type 2 diabetes mellitus in Indonesia. *Enferm Clin*. 2022;32(6):385–95.
7. Rondhianto R, Nursalam N, Kusnanto K, Melaniani S. Development family caregiver empowerment model (FCEM) to improve family caregiver capability on type 2 diabetes self-management. *Systematic Reviews in Pharmacy*. 2020;11(6).
8. Wulandari I, Kusnanto K, Wibisono S, Haryani A. Family support in caring for diabetes mellitus patient: Patient's perspective. *Open Access Maced J Med Sci*. 2021;9(T4):199–205.
9. Dima Kristaningrum N, Azizah Ramadhani D, Sri Hayati Y. Correlation between the burden of family caregivers and health status of people with diabetes mellitus. *J Public Health Res*. 2021;10:2227.
10. Wulandari I, Kusnanto K, Wibisono S, Haryani A. Family support in caring for diabetes mellitus patient: Patient's perspective. *Open Access Maced J Med Sci*. 2021;9(T4):199–205.
11. Isac C, Lee P, Arulappan J. Older adults with chronic illness – Caregiver burden in the Asian context: A systematic review. Vol. 104, *Patient Education and Counseling*. Elsevier Ireland Ltd; 2021. p. 2912–21.
12. Recep OR, Kartal A. Influence of caregiver burden on well-being of family member caregivers of older adults. *Psychogeriatrics*. 2019 Sep 1;19(5):482–90.
13. Briggs J. Caregiver burden of terminally-ill adults in the home setting. *Nurs Health Sci*. 2012 Dec;14(4):435–7.
14. Bennett J. Limb loss: The unspoken psychological aspect. *Journal of Vascular Nursing*. 2016 Dec;34(4):128–30.
15. Aryatiningrum SW, Satiningsih S. Gambaran kesejahteraan psikologis family caregiver pasien diabetes mellitus: sebuah studi kasus. *Jurnal Psikologi Malahayati*. 2023 Mar 15;5(1).
16. Costa MSA, Machado JC, Pereira MG. Burden changes in caregivers of patients with type 2 diabetes: A longitudinal study. *J Adv Nurs*. 2018 Oct

- 1;74(10):2322–30.
17. Nursiswati N, Agustin FI, Hanifa ID. Gambaran kelelahan pada klien dan keluarga dengan diabetes melitus. *Malahayati Nursing Journal*. 2023 Mar 1;5(3):660–9.
 18. Ghazali S, Khatijah LA, Abd Aziz A, Amin RM. Burden of caregivers of the elderly with chronic illnesses and their associated factors in an urban setting in Malaysia. *Malaysian Journal of Public Health Medicine* · [Internet]. 2015;15(1):1–9. Available from: <https://www.researchgate.net/publication/275329016>
 19. Jaracz K, Grabowska-Fudala B, Górná K, Jaracz J, Moczko J, Kozubski W. Burden in caregivers of long-term stroke survivors: Prevalence and determinants at 6 months and 5 years after stroke. *Patient Educ Couns*. 2015 Aug 1;98(8):1011–6.
 20. Ristianingsih D, Septiwi C, Yuniar I. Gambaran motivasi dan tindakan keperawatan dalam pemenuhan kebutuhan spiritual pasien di ruang ICU PKU Muhammadiyah Gombong. *Jurnal Ilmiah Kesehatan Keperawatan*. 2014;10(2):91–9.
 21. Kadek Dwi Astuti, Eka Rokhmiati Wahyu Purnamasari, Danur Jaya. Hubungan pemenuhan kebutuhan biologis dan sosial dengan tingkat kecemasan pada pasien hemodialisis di RSUD Cibinong tahun 2023. *Jurnal Riset Rumpun Ilmu Kesehatan*. 2024 Mar 15;3(1):136–45.
 22. Susanti N, Hasrianto N. Kondisi lingkungan sosial dan psikologi lansia di Panti Jompo Husnul Khotimah Pekanbaru. *Prepotif Jurnal Kesehatan Masyarakat*. 2021;5(1):188–94.
 23. Sari E, Dewi NR, Immawati. Penerapan pemenuhan kebutuhan spiritual (salat) terhadap status spiritual pasien palliatif care di RSUP Jenderal Ahmad Yani Metro. *Jurnal Cendikia Muda*. 2024;4(4):533–41.
 24. Lutfi B, Rayasari F, Irawati D. Peningkatan self efficacy melalui spiritual care pada pasien diabetes melitus tipe 2. *Indonesian Journal of Nursing Sciences and Practice*. 2018;1(2):83–91.
 25. Galbadge T, Peterson BM, Wang DC, Wang JS, Gunasekera RS. Biopsychosocial and Spiritual Implications of Patients With COVID-19 Dying in Isolation. *Front Psychol*. 2020 Nov 17;11.
 26. Siddall PJ, MacLeod RD. Physical, Psychological/Psychiatric, Social, and Spiritual Problems and Symptoms. In: *Textbook of Palliative Care*. Cham: Springer International Publishing; 2018. p. 1–17.
 27. Shi X, Wang F, Xue L, Gan Z, Wang Y, Wang Q, et al. Current status and influencing factors of spiritual needs of patients with advanced cancer: a cross-sectional study. *BMC Nurs*. 2023 Apr 19;22(1):131.
 28. Yuni Handayani S, Supriadi. Hubungan antara faktor-faktor pemenuhan kebutuhan spiritual dengan kebutuhan spiritual pada pasien rawat inap di RSUD Dr. Soedarso Pontianak. *Jurnal Keperawatan dan Kesehatan* [Internet]. 2016;7(2):73–81. Available from: <http://jurnal-stikmuhptk.id/>
 29. Chen HC, Chan SW chi, Yeh TP, Huang YH, Chien IC, Ma WF. The spiritual needs of community-dwelling older people living with early-stage dementia—a qualitative study. *Journal of Nursing Scholarship*. 2019 Mar

- 1;51(2):157–67.
30. Borji M, Mousavimoghadam SR, Salimi E, Otaghi M, Azizi Y. The impact of spiritual care education on anxiety in family caregivers of patients with heart failure. *J Relig Health*. 2019 Dec 1;58(6):1961–9.
 31. Damianakis T, Wilson K, Marziali E. Family caregiver support groups: spiritual reflections' impact on stress management. *Aging Ment Health*. 2018 Jan 2;22(1):70–6.
 32. Yusuf A, Nihayati HE, Iswari MF, Okviasanti F. Kebutuhan Spiritual : Konsep dan Aplikasi dalam Asuhan Keperawatan [Internet]. Jakarta: Mitra Wacana Media; 2016. Available from: www.mitrawacanamedia.com
 33. Rahman NO, Kusmawati A, Moh H, Tohari A. Dinamika spiritual well-being untuk meningkatkan kualitas hidup pada caregiver skizofrenia. *Journal of Social Work and Social Services*. 2021;2(1):66–73.
 34. Balboni TA, Balboni M, Enzinger AC, Gallivan K, Pauk ME, Wright A, et al. Provision of spiritual support to patients with advanced cancer by religious communities and associations with medical care at the end of life. *JAMA Intern Med*. 2013 Jun 24;173(12):1109.
 35. García-Navarro EB, Navarro SG, Sousa L, José H, Caceres-Titos MJ, Ortega-Galán Á. Nursing students' perceptions of spiritual needs at the end of life. A qualitative study. *Front Psychiatry*. 2023;14.
 36. Harrad R, Cosentino C, Keasley R, Sulla F. Spiritual care in nursing: An overview of the measures used to assess spiritual care provision and related factors amongst nurses. *Acta Biomedica*. 2019 Apr 8;90:44–55.
 37. Rochmawati E, Wiechula R, Cameron K. Centrality of spirituality/religion in the culture of palliative care service in Indonesia: An ethnographic study. *Nurs Health Sci*. 2018 Jun 1;20(2):231–7.
 38. Jahromi MF, Akbar RE. Spiritual needs of hospitalized patients from nurses' viewpoints: A qualitative study. *Archivos Venezolanos de Farmacologia y Terapeutica*. 2020;39(8):916–22.
 39. Thontowi A. Hakikat Kecerdasan Spiritual. Palembang: Balai Diklat Keagamaan Palembang; 2013.
 40. Purwanto F, Wulandari R. Implementasi kecerdasan spiritual bagi pendidikan. *Missio Ecclesiae* [Internet]. 2020;9(1):95–112. Available from: <https://jurnal.i3batu.ac.id/index.php/me>
 41. Sari M. Asuhan Keperawatan Gangguan Kebutuhan Spiritual pada Lansia dengan Klien Rhumatoid Arthritis di UPTD Pslu Tresna Werdha Natar Kabupaten Lampung Selatan Tahun 2020 [Disertasi]. [Lampung]: Poltekkes Tanjungkarang; 2020.
 42. Büsing A, Recchia DR, Koenig H, Baumann K, Frick E. Factor structure of the spiritual needs questionnaire (SpNQ) in persons with chronic diseases, elderly and healthy individuals. *Religions (Basel)*. 2018 Jan 1;9(1).
 43. Wu X, Hayter M, Lee AJ, Yuan Y, Li S, Bi Y, et al. Positive spiritual climate supports transformational leadership as means to reduce nursing burnout and intent to leave. *J Nurs Manag*. 2020 May 25;28(4):804–13.
 44. Pio RJ, Tampi JRE. The influence of spiritual leadership on quality of work life, job satisfaction and organizational citizenship behavior. *International*

- Journal of Law and Management. 2018 Mar 12;60(2):757–67.
45. Yulianti D, Ladesvita F. Perbandingan tingkat kelelahan pada pasien diabetic kidney disease dan hypertensive kidney disease yang menjalani hemodialisa. Jurnal Keperawatan Widya Gantari Indonesia. 2021;5(1).
46. Surjoseto R, Sofyanty D. Mekanisme coping pada pasien diabetes melitus tipe 2 di olkilnik penyakit dalam Rumah Sakit Cipto Mangunkusumo. JUKEKE. 2022;1(3):24–8.
47. Artini I, Kheru A, Sahara N, Negara A. Hubungan diabetes melitus dan tingkat stres dengan kejadian hipertensi di Puskesmas Rawat Inap Kedaton Bandar Lampung. Jurnal Kesehatan Tambusai. 2022;3(1):193–8.
48. Büüssing A, Balzat HJ, Heusser P. Spiritual needs of patients with chronic pain diseases and cancer - validation of the spiritual needs questionnaire. Eur J Med Chem. 2010;266-273.
49. Himawan F, Anggorowati, Chasani S. Asesmen kebutuhan spiritual pasien penyakit ginjal kronik yang menjalani hemodialisa dengan instrumen APSN dan SPNQ. Journal of Holistic Nursing Science [Internet]. 2019;6(1):1–12. Available from: <http://journal.ummg.ac.id/>
50. Zarit SH, Zarit JM. Family Caregiving. In: Psychology and Geriatrics. Elsevier; 2015. p. 21–43.
51. Reinhart SC, Samis S. Home Alone: Family Caregivers Providing Complex Chronic Care [Internet]. 2012. Available from: <http://www.aarp.org/ppi>
52. Niman S. Pengalaman family caregiver dalam merawat keluarga yang mengalami gangguan jiwa. Jurnal Keperawatan Jiwa. 2019 May;7(1):19–26.
53. Caregiver Characteristics: What Makes a Caregiver Stand Out? 24 Hour Home Care. 2020. p. 1–3.
54. Whitehead L, Jacob E, Towell A, Abu-qamar M, Cole-Heath A. The role of the family in supporting the self-management of chronic conditions: A qualitative systematic review. Vol. 27, Journal of Clinical Nursing. Blackwell Publishing Ltd; 2018. p. 22–30.
55. Gitlin LN, Hodgson NA. Family Member as Care Partner. In: Better Living with Dementia. Elsevier; 2018. p. 97–112.
56. King A, Ringel JB, Safford MM, Riffin C, Adelman R, Roth DL, et al. Association between caregiver strain and self-care among caregivers with diabetes. JAMA Netw Open. 2021 Feb 11;4(2).
57. Suciani T, Nuraini T. Kemampuan spiritualitas dan tingkat stres pasien diabetes mellitus di rumah perawatan: studi pendahuluan. Jurnal Keperawatan Indonesia. 2017 Jul 11;20(2):102–9.
58. Hançerlioğlu S, Toygar İ, Ayhan A, Yilmaz İ, Orhan Y, Özdemir GS, et al. Burden of diabetic foot patients' caregivers and affecting factors: a cross-sectional study. International Journal of Lower Extremity Wounds. 2023 Dec 1;22(4):680–6.
59. Adianta IKA, Wardianti GA. Beban keluarga pada penderita diabetes melitus tipe II. Jurnal Riset Kesehatan Nasional. 2018 Apr;2(1):85–90.
60. Lynch SH, Shuster G, Lobo ML. The family caregiver experience – examining the positive and negative aspects of compassion satisfaction and compassion fatigue as caregiving outcomes. Aging Ment

- Health. 2018 Nov 2;22(11):1424–31.
61. Dwiningrum SIA, Soenarto. Metode Penelitian Pendidikan. Yogyakarta: UNY Press;
 62. Fadilla Z, Ardiawan KN, Masita, Taqwin, Abdullah K, Sari ME, et al. Metodologi Penelitian Kuantitatif [Internet]. 1st ed. Saputra N, editor. Kabupaten Pidie: Yayasan Penerbit Muhammadiyah Zaini; Available from: <http://penerbitzaini.com>
 63. Thomas R. Unraveling Research Population and Sample: Understanding their role in statistical inference. Enago Academy. 2023.
 64. Priadana S, Sunarsi D. Metode Penelitian Kuantitatif. 1st ed. Della, editor. Tangerang Selatan: Pascal Books; 2021.
 65. Sugiyono. Metode Penelitian Kualitatif Kuantitatif dan R&D.
 66. Büsing A, Fithriana NL. Kuesioner SpNQ Edisi Bahasa Indonesia. Semarang; 2010.
 67. Zhao Y, Wang Y, Yao X, Jiang L, Hou M, Zhao Q. Reliability and validity of the Chinese version of spiritual needs questionnaire with 27 items (SpNQ-Ch-27) in cancer patients. Int J Nurs Sci. 2019 Apr 10;6(2):141–7.
 68. Endraswari PM. Pemodelan Kausal Beban Diri, Dukungan Sosial, Kebutuhan Spiritual dengan CRF Menggunakan S3C-Latent. [Yogyakarta]: Universitas Islam Indonesia; 2021.
 69. Budiaستuti D, Bandur A. Validitas dan Reliabilitas Penelitian : Dilengkapi Analisis dengan NVIVO, SPSS, dan AMOS. 1st ed. Vol. 1. Jakarta: Mitra Wacana Media; 2018.
 70. Sugiharto, Sitinjak. Lisrel. 1st ed. Yogyakarta: Graha Ilmu; 2006.
 71. Yusup F. Uji validitas dan reliabilitas instrumen penelitian kuantitatif. Jurnal Tarbiyah : Jurnal Ilmiah Kependidikan. 2018 Jul 24;7(1).
 72. Sundego J. Data Processing Adalah: Siklus, Metode, dan Penerapan Jean Sundego. Purwadhika Digital Technology School. 2023.
 73. Senjaya S, Sriati A, Maulana I, Kurniawan. Dukungan keluarga pada ODHA yang sudah open status di Kabupaten Garut. Jurnal Cakrawala Ilmiah. 2022 Nov;2(3):1003–9.
 74. Komite Etik Penelitian dan Pengembangan Kesehatan Nasional. Pedoman dan Standar Etik Penelitian dan Pengembangan Kesehatan Nasional. 2nd ed. Vol. 1. Jakarta: Lembaga Penerbit Badan Penelitian dan Pengembangan Kesehatan (LPB) Kementerian Kesehatan RI; 2021.
 75. Dewi R, Hidayat RT, Waluya A, Budhiana J, Fatmala SD. The relationship of spirituality with coping mechanism in patients with type 2 diabetes mellitus in Sukabumi Regency, Indonesia. Jurnal Keperawatan Komprehensif. 2023;9(1):74–80.
 76. Beach SR, Schulz R, Donovan H, Rosland AM. Family Caregiving During the COVID-19 Pandemic. Gerontologist. 2021 Jul 13;61(5):650–60.
 77. Setyoadi, Meiliana SW, Hakim FO, Hayati YS, Kristianingrum ND, Kartika AW, et al. The Burden of family caregivers in the care of type 2 diabetes mellitus patients: a literature review. Journal of Rural Community Nursing Practice. 2024 Mar 30;2(1):40–7.
 78. Kurdi F, Abidin Z, Surya VC, Anggraeni NC, Alyani DS, Riskiyanti V.

- Angka kejadian diabetes mellitus pada lansia middle age di masa pandemi covid-19. *Jurnal Ilmiah Keperawatan*. 2021;7(2):282–8.
79. Nicholls W, Patterson P, McDonald FEJ, Hulbert-Williams NJ. Unmet needs in young adults with a parent with a chronic condition: a mixed-method investigation and measure development study. *Scand J Caring Sci*. 2017 Mar 1;31(1):191–200.
 80. Siregar R, Silvina Marbun A, Sinurat LR. Improving the family caregiver's knowledge about diet diabetes management through whatsapp online health educations. *ARTERI Jurnal Ilmu Kesehatan*. 2023;4(3):182–7.
 81. Zulfatul A'la M, Yosep I, Agustina HR. Pengaruh bereavement life review terhadap kesejahteraan spiritual pada keluarga pasien stroke. *Jurnal Keperawatan Padjajaran*. 2017;5(2):214–26.
 82. Niño-de-Guzman Quispe E, Bracchiglione J, Ballester M, Groene O, Heijmans M, Martínez García L, et al. Patients' and informal caregivers' perspectives on self-management interventions for type 2 diabetes mellitus outcomes: a mixed-methods overview of 14 years of reviews. Vol. 81, *Archives of Public Health*. BioMed Central Ltd; 2023.
 83. Nikrouz L, Alhani F, Ebadi A, Kazemnejad A. The spirituality in caregivers and families with chronic patients: psychometric of caregiver's spiritual empowering scale. *Crescent Journal of Medical and Biological Sciences [Internet]*. 2020;7(4):474–87. Available from: <http://www.cjmb.org>
 84. Sundari RI, Rahmawati AN, Budiyanto. Spiritual comfort of patients with diabetes mellitus at kalibagor public health center, Banyumas, Indonesia. *Advances in Health Sciences Research*. 2020;20(1).
 85. Ogunmodede AJ, Abiodun O, Makanjuola AB, Olarinoye JK, Ogunmodede JA, Buhari OI. Burden of care and psychological distress in primary caregivers of patients with type-2 diabetes mellitus in A tertiary hospital in Nigeria. *Ethiop J Health Sci*. 2019 Nov 1;29(6):697–708.
 86. Roth DL, Fredman L, Haley WE. Informal caregiving and its impact on health: a reappraisal from population-based studies. *Gerontologist*. 2015 Apr 1;55(2):309–19.
 87. Olvia M, Suseani Pangastuti H, Effendy C. Gambaran pengetahuan family caregiver dalam merawat pasien diabetes mellitus dan demensia. *Jurnal Keperawatan Klinis dan Komunitas*. 2021;5(1):159–61.
 88. Safitri AZ, Fajariyah RN, Astutik E. Risk factors of diabetes mellitus in urban communities in indonesia (IFLS 5). *Jurnal Berkala Epidemiologi*. 2021 May 25;9(2):184–91.
 89. Wynn P. Breaking Gender Barriers: The Role of Male Caregivers. 2023 Oct.
 90. Rahayu NW, Putri M, Utami S, Keperawatan A, Yogyakarta N. Peningkatan kemampuan keluarga dalam merawat klien diabetes mellitus melalui supportive group therapy. *Jurnal Ilmu Keperawatan Jiwa*. 1(1):24–8.
 91. Dinas Kependudukan dan Pencatatan Sipil Kota Semarang. Penyusunan Profil Kependudukan Kota Semarang Tahun 2022. Semarang; 2022 Apr.
 92. Ana KD, Prawito, Aziz NA. Self efficacy keluarga terhadap motivasi keluarga dalam pemenuhan kebutuhan dasar spiritual pasien dengan diabetes melitus di Desa Turirejo Lawang-Malang. *Prima Wiyata Health*.

- 2022;3(2):73–81.
93. Wijaya R. Hubungan antara burden of care dan burnout pada family caregiver orang dengan demensia. *Humanitas* (Monterey N L). 2022;6(1):49–62.
 94. Wati RDI, Ubajani FT. Profil Ketenagakerjaan Kota Semarang Hasil Sakernas Agustus 2023. Megasanti NE, editor. Kota Semarang: Badan Pusat Statistik Kota Semarang; 2024.
 95. Rondhianto R, Nursalam N, Kusnanto K, Melaniani S, Ahsan A. Analysis of the Sociodemographic and Psychological Factors of the Family Caregivers' Self-Management Capabilities for Type 2 Diabetes Mellitus. *Jurnal Ners*. 2019 Oct 1;14(2):215–23.
 96. Tristiana D, Kusnanto, Yuni Widyawati I, Yusuf A, Fitryasari R. Kesejahteraan psikologis pada pasien diabetes mellitus tipe 2 di Puskesmas Mulyorejo Surabaya. *Jurnal Ners*. 2016;11(2):147–56.
 97. Royani Siregar H, Angraini Simamora F. Gambaran beban kerja perawat tenaga kerja sukarela dan perawat aparatur sipil negara. *Jurnal Education and Development*. 2019;7(4):235–7.
 98. Ghorbani R, Foroutan M, Kassaeian SS, Sadat Kia N, Gholizade Bajandi B, Haji Ghanbari A, et al. Evaluation of quality of life and depression in family caregivers of patients with type 1 diabetes in Iran: A case-control study. *SAGE Open Med*. 2023 Jan 10;11:205031212211460.
 99. Franco LS, Shanahan DF, Fuller RA. A review of the benefits of nature experiences: more than meets the eye. *Int J Environ Res Public Health*. 2017 Aug 1;14(8):864.
 100. Suhailah D, Hasneli Y, Herlina. Gambaran dukungan keluarga pada penderita diabetes melitus di wilayah kerja Puskesmas Sail Kota Pekanbaru. *Jurnal Ilmu Kesehatan dan Gizi (JIG)*. 2023;1(1):55–70.
 101. Naryati N, Setiawati Y. Hubungan kesejahteraan spiritual dengan kemampuan resiliensi pada penderita diabetes millitus tipe 2 di ruang rawat inap rumah sakit tingkat II Moh. Ridwan Meuraksa. *Malahayati Nursing Journal*. 2022 Aug 1;4(8):2132–46.
 102. Ajam Zibad H, Mohammadi Shahboulaghi F, Foroughan M, Rafiey H, Rassouli M. What is the meaning of spiritual health among older adults? A concept analysis. *Educ Gerontol*. 2016 Dec 8;42(12):795–808.
 103. Bonab G, Miner M, Proctor MT. Attachment to god in islamic spirituality. *J Muslim Ment Health [Internet]*. 2013;7(2):77–104. Available from: <http://hdl.handle.net/2027/spo.10381607.0007.205>
 104. Sulmasy DP. A biopsychosocial-spiritual model for the care of patients at the end of life. *Gerontologist*. 2002 Oct 1;42(suppl_3):24–33.
 105. Thongduang K, Boonchieng W, Chautrakarn S, Ong-Artborirak P. The influence of family caregiver knowledge and behavior on elderly diabetic patients' quality of life in Northern Thailand. *Int J Environ Res Public Health*. 2022 Aug 1;19(16).
 106. Utami LN, Azam M. Kejadian penyakit jantung koroner pada penderita diabetes mellitus. *Higeia Journal of Public Health Research and Development [Internet]*. 2019;3(2):311–23. Available from:

- http://journal.unnes.ac.id/sju/index.php/higeia
107. Riyadina W, Rahajeng E, Driyah S. Gambaran gangguan fungsi ginjal kasus baru penderita diabetes melitus, jantung koroner, dan strok pada studi kohor di Bogor Indonesia. *Media Penelitian dan Pengembangan Kesehatan*. 2020 Dec 31;30(4):295–304.
 108. Kopf S, Kumar V, Kender Z, Han Z, Fleming T, Herzig S, et al. Diabetic pneumopathy—a new diabetes-associated complication: mechanisms, consequences and treatment considerations. *Front Endocrinol (Lausanne)*. 2021 Nov 25;12(1):1–11.
 109. Pantalone KM, Hobbs TM, Wells BJ, Kong SX, Kattan MW, Bouchard J, et al. Clinical characteristics, complications, comorbidities and treatment patterns among patients with type 2 diabetes mellitus in a large integrated health system. *BMJ Open Diabetes Res Care [Internet]*. 2015;3:93. Available from: <http://drc.bmj.com/>
 110. Delianty AP. Hubungan antara dukungan pasangan terhadap kepatuhan diet pada penderita diabetes melitus tipe 2 di wilayah kerja puskesmas munjul. [Jakarta]: UIN Syarif Hidayatullah; 2015.
 111. Hendrawati S, Nurhidayah I, Adistie F. Kebutuhan perawatan berpusat keluarga dalam manajemen diabetes pada anak dengan diabetes melitus. *Jurnal Keperawatan Muhammadiyah [Internet]*. 2019 Jul 15;4(2):302–8. Available from: <http://journal.um-surabaya.ac.id/index.php/JKM/article/view/2130>
 112. Isnaini L, Sugiyanto. Hubungan dukungan keluarga dengan perilaku perawatan diri pada pasien diabetes mellitus tipe 2 di Puskesmas Imogiri I Bantul Yogyakarta. Yogyakarta; 2020.
 113. Williams KL, Morrison V, Robinson CA. Exploring caregiving experiences: caregiver coping and making sense of illness. *Aging Ment Health*. 2014 Jul 4;18(5):600–9.
 114. Awadalla AW, Ohaeri JU, Al-Awadi SA, Tawfiq AM, Ohaeri J. Diabetes mellitus patients' family caregivers' subjective quality of life. *J Natl Med Assoc*. 2020;98(5):727–36.
 115. Rosyadi A, Hapsari I, Utami PI. The effect of lifestyle, spiritual, and family support on diabetic mellitus patient with chronic kidney disease complication. *PHARMACY: Jurnal Farmasi Indonesia (Pharmaceutical Journal of Indonesia)*. 2021 Dec 31;18(2):422.
 116. Pasaribu DM, Hasneli Y, Deli H. Spiritual level relationship with resilience in diabetes mellitus patients. *JETISH: Journal of Education Technology Information Social Sciences and Health*. 2023 Sep 1;2(2):1596–604.
 117. Klimasiński M, Baum E, Praczyk J, Ziemkiewicz M, Springer D, Cofta S, et al. Spiritual distress and spiritual needs of chronically ill patients in poland: a cross-sectional study. *Int J Environ Res Public Health*. 2022 May 1;19(9):5512.
 118. Haloho SL, Siagian E. An overview of spiritual needs on patient's anxiety levels diagnosed with COVID-19 in hospital. *Jurnal Ilmiah Ilmu Keperawatan Indonesia*. 2021 Sep 26;11(03):146–52.
 119. Ardiyati AV. Factors affecting spiritual needs in patients with diabetic foot

- ulcers. *Journal of Holistic Nursing Science*. 2022 Nov 15;9(2):58–64.
120. Yunita Sari R, Mawardah Hatmanti N, Muhith A, Faizah I, Sylvia Awwalia E, Rohmawati R. Spiritual emotional freedom technique as a promotive and preventive effort in palliative care for people with diabetes mellitus. *Community Service Journal of Indonesia* [Internet]. 2022;4(2):52–8. Available from: <https://ejournal-kertacendekia.id/index.php/csji/indexDoi:https://doi.org/10.36720/csji.v4i2/409>
121. NOVI Team. The role of primary caregivers in caring for diabetes patients. Singapore; 2022.
122. Hardiyanti R, Fitriani, Fatima. Relationship between spirituality and coping strategies in diabetes mellitus patients at Tk IV Hospital Aryoko Sorong. *Jurnal Kesehatan Pasak Bumi Kalimantan* [Internet]. 2022;5(1):75–81. Available from: <http://e-journals.unmul.ac.id/index.php/JKPBK>
123. Listiowati S, Dwidiyanti M, Dwiantoro L. Intervensi mindfulness terhadap caring perawat. *Journal of Telenursing (JOTING)*. 2023 Dec 8;5(2):3470–8.
124. Mureyi D, Katena NA, Monera-Penduka T. Perceptions of diabetes patients and their caregivers regarding access to medicine in a severely constrained health system: A qualitative study in Harare, Zimbabwe. *PLOS Global Public Health*. 2022 Mar 3;2(3):e0000255.
125. Tzenalis A, Dargini M, General P, Greece HT, Michalopoulou E, Kipourgos G, et al. An investigation of intensive care unit and high dependency unit patients' spiritual needs. *Int J Caring Sci* [Internet]. 15. Available from: www.internationaljournalofcaringsciences.org
126. Wahyuni P, Miro S, Kurniawan E. Hubungan lama menjalani hemodialisis dengan kualitas hidup pasien penyakit ginjal kronik dengan diabetes melitus di RSUP Dr. M Djamil Padang. *Jurnal Kesehatan Andalas* [Internet]. 2018;7(4). Available from: <http://jurnal.fk.unand.ac.id>
127. Arief Jamaludin E, Hartono D, Hamim N. Hubungan dukungan keluarga dengan subjective well being pada penderita diabetes mellitus di Puskesmas Pakuniran Kabupaten Probolinggo. *JIK-MC Jurnal Ilmu Kesehatan Mandiri Cendekia* [Internet]. 2023;2(10):255–65. Available from: <https://journal-mandiracendekia.com/jikmc>
128. Busebaia TJA, Thompson J, Fairbrother H, Ali P. The role of family in supporting adherence to diabetes self-care management practices: An umbrella review. *J Adv Nurs*. 2023 Oct 7;79(10):3652–77.