

## DAFTAR PUSTAKA

1. Soelistijo SA, Lindarto D, Decroli E, Permana H, Sucipto KW, Kusnadi Y, *et al.* Pedoman pengelolaan dan pencegahan diabetes melitus tipe 2 dewasa di Indonesia 2019. Perkumpulan Endokrinologi Indonesia. 2019;1–117.
2. Decroli E. Diabetes melitus tipe 2. Padang: Pusat Penerbitan Bagian Ilmu Penyakit Dalam. 2019;14.
3. DHHS. National diabetes statistics report, 2020. Natl Diabetes Stat Rep. 2020;2.
4. Kemenkes RI. Hari diabetes sedunia tahun 2018. Pusat Data dan Informasi Kementerian Kesehatan RI. 2019;1–8.
5. Yakaryılmaz FD, Öztürk ZA. Treatment of type 2 diabetes mellitus in the elderly. *World J Diabetes*. 2017;8(6):278.
6. WHO Global Report on Diabetes. *World health statistic* 2021. Vol. 53, *Journal of Chemical Information and Modeling*. 2021;19:27–30.
7. Setyonaluri D, Aninditya F. Transisi demografi dan epidemiologi: permintaan pelayanan kesehatan di Indonesia. Direktorat Kesehatan dan Gizi Masyarakat Kedepuitan Pembangunan Manusia, Masyarakat dan Kebudayaan Kementerian PPN/Bappenas. 2019;1–43.
8. Agoes A, Agoes A, Agoes A. Penyakit di usia tua. Jakarta: Buku Kedokteran EGC. 2011.
9. Kemenkes RI. Analisis lansia di Indonesia. Pusat data dan Informasi Kementerian Kesehatan RI. 2017;1–2.
10. Kemenkes RI. Policy paper analisis kebijakan mewujudkan lanjut usia sehat menuju lanjut usia aktif (active ageing). 2019;1–38.
11. Usia SL. Sustamycin and tetrabid: slow-release tetracyclines. *Drug Ther Bull*. 1972;10(16):63–4.
12. Kemenkes RI. Situasi dan analisis lanjut usia. Pusat Data dan Informasi Kementerian Kesehatan RI. 2014;8.
13. Undang-Undang Republik Indonesia nomor 13 tahun 1998 tentang kesejahteraan lanjut usia.
14. Aryana S, Astika N, Kuswardhani T. Geriatric opinion 2018. 2018;11.

15. Sari NR, Maylasari I, Dewi F, Putriani R, Nughroho S, Wilson H. Statistik penduduk lanjut usia. Jakarta: Badan Pusat Statistik. 2020;17.
16. Waspadji S. Komplikasi kronik diabetes : mekanisme terjadinya, diagnosis, dan strategi pengelolaan. In: Buku Ajar Ilmu Penyakit Dalam Edisi VI Jilid 2. 2014;2359.
17. Diabetes Federation International. IDF diabetes atlas ninth edition 2019. International Diabetes Federation. 2019;1.
18. Kemenkes RI. Laporan nasional hasil Riset Kesehatan Dasar (Riskesdas) Indonesia tahun 2018. Riset Kesehatan Dasar 2018. 2018;166.
19. Riskesdas. Laporan Provinsi Sumatera Barat Riskesdas 2018. Laporan Riskesdas Nasional 2018. 2018;493.
20. Kurniawan I. Diabetes mellitus tipe 2 pada usia lanjut. Maj Kedokt Indon. 2010;60(12):576–84.
21. Marengoni A, Angleman S, Melis R, Mangialasche F, Karp A, Garmen A, *et al.* Aging with multimorbidity: A systematic review of the literature. *Ageing Res Rev.* 2011;10(4):430–9.
22. Mb JEM, Abbatecola AM, Woo J. Management of comorbidities in older persons with type 2 diabetes. *J Am Med Dir Assoc.* 2017;1–7.
23. Chentli F, Azzoug S, Mahgoun S. Diabetes mellitus in elderly. *Indian J Endocrinol Metab.* 2015;19(6):744–52.
24. Roberts RO, Knopman DS, Przybelski SA, Roberts RO, Przybelski SA, Mielke MM. Impairment association of type 2 diabetes with brain atrophy and cognitive impairment. 2014.
25. Kimbro LB, Mangione CM, Steers WN, Duru OK, McEwen L, Karter A, *et al.* Depression and all-cause mortality in persons with diabetes mellitus: Are older adults at higher risk? Results from the translating research into action for diabetes study. *J Am Geriatr Soc.* 2014;62(6):1017–22.
26. Chen H, Zhang Y, Wu D, Gong C, Pan Q, Dong X, *et al.* Comorbidity in adult patients hospitalized with type 2 diabetes in Northeast China : An analysis of hospital discharge data from 2002 to 2013. 2016; 2016.
27. Nowakowska M, Zghebi SS, Ashcroft DM, Buchan I, Chew-graham C, Holt T, *et al.* The comorbidity burden of type 2 diabetes mellitus : patterns,

- clusters, and predictions from a large English primary care cohort. 2019;1–10.
28. Noviyanti F, Decroli E, Sastri S. Artikel penelitian perbedaan kadar LDL-kolesterol pada pasien diabetes melitus tipe 2 dengan dan tanpa hipertensi di RS Dr . M . J Kesehat Andalas. 2015;4(2):545–50.
  29. Bigelow A, Freeland B. Type 2 diabetes care in the elderly. *J Nurse Pract.* 2019;13(3):181–6.
  30. Prasetyo A. Tatalaksana diabetes melitus pada pasien geriatri. 2019;46(6):420–2.
  31. Care D, Suppl SS. Older adults ; Standards of medical care in diabetes 2018. 2018;41(1):119–25.
  32. Quiñones AR, Markwardt S, Botoseneanu A. Diabetes-multimorbidity combinations and disability among middle-aged and older adults. *J Gen Intern Med.* 2019;34(6):944–51.
  33. Huang ES. Management of diabetes mellitus in older people with comorbidities. *BMJ.* 2016;353(6):1–12.
  34. Caughey GE, Roughead EE, Vitry AI, McDermott RA, Shakib S, Gilbert AL. Comorbidity in the elderly with diabetes: Identification of areas of potential treatment conflicts. *Diabetes Res Clin Pract.* 2010;87(3):385–93.
  35. Mursyidto MI. Peraturan menteri kesehatan Republik Indonesia nomor 79 tahun 2014. In: *Implementation Science.* 2014:1–15.
  36. Fatimah. *Merawat manusia lanjut usia.* Jakarta: CV. Trans Info Media. 2010.
  37. Bandiyah S. *Lanjut usia dan keperawatan gerontologik.* Yogyakarta: Nuha Medika. 2009.
  38. Darmojo B. *Buku ajar Boedhi-Darmojo: Geriatri (Ilmu kesehatan usia lanjut).* 5th ed. Jakarta: Badan Penerbit Fakultas Kedokteran Universitas Indonesia. 2015.
  39. Pudjiastuti SS, Utomo B. *Fisioterapi pada lansia.* Jakarta: Buku Kedokteran EGC. 2003.
  40. Adib M. *Pengetahuan praktis ragam penyakit mematikan yang paling sering menyerang kita.* Yogyakarta: Buku Biru. 2011.

41. Hasdianah, Supatro SI. Patologi dan patofisiologi penyakit. Yogyakarta: Nuha Medika. 2014;46–50.
42. Damayanti S. Diabetes mellitus dan penatalaksanaan keperawatan. Yogyakarta: Nuha Medika. 2015.
43. Soelistijo S, Novida H, Rudijanto A, Soewondo P, Suastika K, Manaf A, *et al.* Konsesus pengelolaan dan pencegahan diabetes melitus tipe 2 di Indonesia 2015. Perkeni. 2015;82.
44. Nurrahmani L. Stop! Diabetes mellitus. Yogyakarta: Familia. 2015.
45. Arisman. Obesitas, diabetes mellitus, dan dislipidemia: Konsep, teori, dan penanganan aplikatif. Jakarta: Buku Kedokteran EGC. 2018.
46. Kugbey N, Oppong Asante K, Adulai K. Illness perception, diabetes knowledge, and self-care practices among type-2 diabetes patients: A cross-sectional study. BMC Research Notes. 2017;10.
47. Perkumpulan Endokrinologi Indonesia. Konsensus pengelolaan dan pencegahan diabetes melitus tipe 2. Diss Abstr Int Sect A Humanit Soc Sci. 2015;71(2-A):730.
48. Larson-Wraase L. Essentials of clinical geriatrics (3rd ed.). J Gerontol Nurs. 1994;20(11):55–55.
49. Fajar DR, Stevani H. The diabetes mellitus treatment patterns in geriatric patients in inpatient installation of tk. II pelamonia hospital at Makassar. 2020;16(1):42–8.
50. Anorital A. Morbiditas dan multi morbiditas pada kelompok lanjut usia di Indonesia. J Biotek Medisiana Indonesia. 2016;4(2):77–88.
51. Wasityastuti W, Dhamarjati A, Siswanto. Imunosenesens dan kerentanan populasi usia lanjut terhadap Corona virus disease 2019 (Covid-19). 2019;40(3).
52. Andreas M, Romansyah MA, Zuandra RA. Laporan kasus silent hypoxemia pada penderita Covid-19 dengan komorbid diabetes melitus. Medica Hosp J Clin Med. 2020;7(1A):203–6.
53. Tewari A, Tewari V, Tewari J. A cross-sectional study for prevalence and association of risk factors of chronic kidney disease among people with type 2 diabetes in the Indian setting. Cureus. 2021;13(9):1–8.

54. Rita N. Hubungan jenis kelamin, olah raga dan obesitas dengan kejadian diabetes mellitus pada lansia. *Jik- J Ilmu Kesehatan*. 2018;2(1):93–100.
55. Setiyorini E, Wulandari NA, Efyuwinta A. Hubungan kadar gula darah dengan tekanan darah pada lansia penderita diabetes tipe 2. *J Ners dan Kebidanan (Journal Ners Midwifery)*. 2018;5(2):163–71.
56. Putra JR, Rahayu U, Shalahuddin I, Keperawatan F, Sumedang K. Self care for patients with diabetes mellitus complementary diseases of hypertension in public health center. 2021;13(1):54–69.
57. Safieddine B, Sperlich S, Epping J, Lange K, Geyer S. Development of comorbidities in type 2 diabetes between 2005 and 2017 using German claims data. *Sci Rep*. 2021;11(1):1–10.
58. Ariwijaya M, Suwitra K. Prevalensi, karakteristik dan faktor-faktor yang terkait dengan infeksi saluran kemih pada penderita diabetes melitus yang rawat inap. *J Intern Med*. 2007;8(2).
59. Hine JL, de Lusignan S, Burleigh D, Pathirannehelage S, McGovern A, Gatenby P, *et al*. Association between glycaemic control and common infections in people with type 2 diabetes: a cohort study. *Diabet Med*. 2017;34(4):551–7.
60. Brunetti VC, Ayele HT, Yu OHY, Ernst P, Filion KB. Type 2 diabetes mellitus and risk of community-acquired pneumonia: A systematic review and meta-analysis of observational studies. *C open*. 2021;9(1):E62–70.
61. López-de-Andrés A, De Miguel-Díez J, Jiménez-Trujillo I, Hernández-Barrera V, De Miguel-Yanes JM, Méndez-Bailón M, *et al*. Hospitalisation with community-acquired pneumonia among patients with type 2 diabetes: An observational population-based study in Spain from 2004 to 2013. *BMJ Open*. 2017;7(1).
62. Chen Y, Yang D, Cheng B, Chen J, Peng A, Yang C, *et al*. Clinical characteristics and outcomes of patients with diabetes and COVID-19 in association with glucose-lowering medication. *Diabetes Care*. 2020;43(7):1399–407.
63. Grasselli G, Zangrillo A, Zanella A, Antonelli M, Cabrini L, Castelli A, *et al*. Baseline characteristics and outcomes of 1591 patients infected with

- SARS-CoV-2 admitted to ICUs of the lombardy region, Italy. *JAMA - J Am Med Assoc.* 2020;323(16):1574–81.
64. Chow N, Fleming-Dutra K, Gierke R, Hall A, Hughes M, Pilishvili T, *et al.* Preliminary estimates of the prevalence of selected underlying health conditions among patients with COVID-19 - US, February 12-March 28, 2020. *MMWR Morb Mortal Wkly Rep.* 2020;69(13):382–6.
65. Alberti A, Freiberger V, Ventura L, Grigollo L, Dias P, Comim CM, *et al.* Obesity in people with diabetes in COVID-19 times: Important considerations and precautions to be taken. *World J Clin Cases.* 2021;9(20):5358–71.
66. Yogiswara KS, Herawati S, Wande N. Gambaran proporsi dan faktor resiko anemia pada pasien diabetes melitus di RSUP Sanglah, Bali, Indonesia. *Intisari Sains Medis.* 2021;12(1):171–6.
67. Wijaya IGANR, Mulyantari NK, Yasa IWPS. Prevalensi anemia pada diabetes mellitus tipe 2 di Rumah Sakit Sanglah Denpasar tahun 2014. *E-Jurnal Med.* 2018;7(9).
68. Michalak SS, Wolny-Rokicka E, Nowakowska E, Michalak M, Gil L. Clinical implications of the coexistence of anemia and diabetes mellitus in the elderly population. *J Diabetes Res.* 2021.
69. Bekele A, Roba KT, Egata G, Gebremichael B. Anemia and associated factors among type-2 diabetes mellitus patients attending public hospitals in Harari Region, Eastern Ethiopia. *PLoS One.* 2019;14(12):1–17.
70. Schernthaner G, Schernthaner-Reiter MH. Diabetes in the older patient: heterogeneity requires individualisation of therapeutic strategies. *Diabetologia.* 2018;61(7):1503–16.
71. Ningrum VDA, Ikawati Z, *et al.* Glycemic control and prevalence of chronic kidney disease in type-2 diabetes mellitus patients at primary healthcare centers in Yogyakarta Province 2015. *Indones J Clin Pharm.* 2017;6(2):78–90.
72. Ramadhani R, Amalia Y, Triliana R. Diabetes melitus tipe 2 menurunkan kadar kalium urin tetapi tidak menurunkan massa otot skeletal pada individu dengan usia dan gender yang sama di Malang Raya. 2020:1–10.

73. Aryanti, D. NR. Gambaran kadar kalium pada penderita diabetes melitus tipe 2. *J Kesehat Masy.* 2014;12(1):214–20.
74. Coregliano-ring L, Goia-nishide K. Hypokalemia in diabetes mellitus setting. 2022;1–18.
75. Thahir S, Ukkas DY. Gambaran nilai elektrolit (natrium-kalium) pada penderita dm (diabetes mellitus) di rumah sakit umum wisata universitas indonesia timur. 2020;10.
76. Iglay K, Hannachi H, Howie PJ, Xu J, Li X, Engel SS, *et al.* Prevalence and co-prevalence of comorbidities among patients with type 2 diabetes mellitus. *Curr Med Res Opin.* 2016;32(7):1243–52.
77. Du Y, Heidemann C, Göwald A, Schmich P, Scheidt-Nave C. Prevalence and comorbidity of diabetes mellitus among non-institutionalized older adults in Germany - Results of the national telephone health interview survey German Health Update (GEDA) 2009. *BMC Public Health.* 2013;13(1).
78. Chetty L, Govender N, Govender GM, Reddy P. Demographic stratification of type 2 diabetes and comorbidities in district healthcare in Kwazulu-Natal. *South African Fam Pract.* 2021;63(1):1–9.
79. Carey IM, Critchley JA, DeWilde S, Harris T, Hosking FJ, Cook DG. Risk of infection in type 1 and type 2 diabetes compared to the general population: A matched cohort study Running title (47 chars max): Diabetes type and infection risk. :1–35.
80. Bin Mohd Arifin KM, Weta I. Faktor-faktor yang berhubungan dengan kejadian hipertensi pada kelompok lanjut usia di wilayah kerja Upt Puskesmas Petang I Kabupaten Badung tahun 2016. *E-Jurnal Med Udayana.* 2016;5(7).
81. Onder G, Rezza G, Brusaferro S. Case-fatality rate and characteristics of patients dying in relation to COVID-19 in Italy. *JAM -J Am Med Assoc.* 2020;323(18):1775–6.
82. Corrao S, Pinelli K, Vacca M, Raspanti M, Argano C. Type 2 diabetes mellitus and COVID-19: A narrative review. *Front Endocrinol (Lausanne).* 2021;12(3):1–10.

83. Jiménez-Marrero S, Cainzos-Achirica M, Monterde D, Garcia-Eroles L, Enjuanes C, Yun S, *et al.* Real-world epidemiology of potassium derangements among chronic cardiovascular, metabolic and renal conditions: A population-based analysis. *Clin Epidemiol.* 2020;12:941–52.
84. Engwa GA, Nwalo FN, Attama TJC, Abonyi MC, Akaniro-Ejim EN, Unachukwu MN, *et al.* Influence of type 2 diabetes on serum electrolytes and renal function indices in patients. *J Clin Diagnostic Res.* 2018;12(6):BC13–6.
85. Liamis G. Diabetes mellitus and electrolyte disorders. *World J Clin Cases.* 2014;2(10):488.
86. Dibato JE, Montvida O, Zaccardi F, Sargeant JA, Davies MJ, Khunti K, *et al.* Association of cardiometabolic multimorbidity and depression with cardiovascular events in early-onset adult type 2 diabetes: A multiethnic study in the U.S. *Diabetes Care.* 2021;44(1):231–9.
87. Eilat-Tsanani S, Margalit A, Golan LN. Occurrence of comorbidities in newly diagnosed type 2 diabetes patients and their impact after 11 years' follow-up. *Sci Rep.* 2021;11(1):1–10.

