

DAFTAR PUSTAKA

1. Margarini E. Ketahui Cara Penilaian Level Pemberlakuan Pembatasan Kegiatan Masyarakat (PPKM) 1-4 [Internet]. 2021 [cited 2021 Nov 16]. Available from: <https://promkes.kemkes.go.id/ketahui-cara-penilaian-level-pemberlakuan-pembatasan-kegiatan-masyarakat-ppkm-1-4>
2. Data Pemantauan COVID-19 DKI Jakarta [Internet]. 2021 [cited 2021 Dec 5]. Available from: <https://corona.jakarta.go.id/id/data-pemantauan>
3. Canello R, Soranna D, Zambra G, Zambon A, Invitti C. Determinants of the lifestyle changes during covid-19 pandemic in the residents of northern italy. *International Journal of Environmental Research and Public Health*. 2020 Sep 1;17(17):1–14.
4. Manakah yang lebih rentan terinfeksi coronavirus, apakah orang yang lebih tua, atau orang yang lebih muda? [Internet]. 2021 [cited 2021 Dec 7]. Available from: <https://infeksiemerging.kemkes.go.id/uncategorized/qna-pertanyaan-dan-jawaban-terkait-covid-19>
5. Armitage R, Nellums LB. COVID-19 and the consequences of isolating the elderly. *The Lancet Public Health*. 2020 May;5(5):e256.
6. US Department of Health and Human Services. Weekly Updates by Select Demographic and Geographic Characteristics [Internet]. Centers for Disease Control and Prevention. 2020 [cited 2021 Dec 7]. Available from: https://www.cdc.gov/nchs/nvss/vsrr/covid_weekly/index.htm
7. Adams KB, Sanders S, Auth EA. Loneliness and depression in independent living retirement communities: risk and resilience factors. *Aging & Mental Health*. 2004 Nov;8(6):475–85.
8. Esain I, Gil SM, Dunabeitia I, Rodriguez-Larrad A, Bidaurrazaga-Letona I. Effects of covid-19 lockdown on physical activity and health-related quality of life in older adults who regularly exercise. *Sustainability (Switzerland)*. 2021 Apr 1;13(7).
9. Falcetta P, Aragona M, Ciccarone A, Bertolotto A, Campi F, Coppelli A, et al. Impact of COVID-19 lockdown on glucose control of elderly people with type 2 diabetes in Italy. *Diabetes Research and Clinical Practice*. 2021 Apr;174:108750.
10. khare J, jindal S. Observational study on Effect of Lock Down due to COVID 19

on glycemic control in patients with Diabetes: Experience from Central India. *Diabetes & Metabolic Syndrome: Clinical Research & Reviews*. 2020 Nov;14(6):1571–4.

11. Karatas S, Yesim T, Beysel S. Impact of lockdown COVID-19 on metabolic control in type 2 diabetes mellitus and healthy people. *Primary Care Diabetes*. 2021 Jun;15(3):424–7.
12. Biancalana E, Parolini F, Mengozzi A, Solini A. Short-term impact of COVID-19 lockdown on metabolic control of patients with well-controlled type 2 diabetes: a single-centre observational study. *Acta Diabetologica*. 2021 Apr 21;58(4):431–6.
13. Aschnerr P, Assal J, Bennet P, Groop L, Jervell J, Kanazawa Y, et al. Definition, Diagnosis and Classification of Diabetes Mellitus and its Complications. 1999 [cited 2021 Dec 5];2–11.
14. Carrillo-Larco RM, Barengo NC, Albitres-Flores L, Bernabe-Ortiz A. The risk of mortality among people with type 2 diabetes in Latin America: A systematic review and meta-analysis of population-based cohort studies. *Diabetes/Metabolism Research and Reviews*. 2019 May;35(4):e3139.
15. Picke A-K, Campbell G, Napoli N, Hofbauer LC, Rauner M. Update on the impact of type 2 diabetes mellitus on bone metabolism and material properties. *Endocrine Connections*. 2019 Mar;8(3):R55–70.
16. Klein BEK, Klein R, Moss SE, Cruickshanks KJ. Parental History of Diabetes in a Population-Based Study. *Diabetes Care*. 1996 Aug 1;19(8):827–30.
17. Gæde P, Vedel P, Larsen N, Jensen GVH, Parving H-H, Pedersen O. Multifactorial Intervention and Cardiovascular Disease in Patients with Type 2 Diabetes. *New England Journal of Medicine*. 2003 Jan 30;348(5):383–93.
18. Ramachandran A. Know the signs and symptoms of diabetes. *The Indian journal of medical research*. 2014 Nov;140(5):579–81.
19. Hypoglycemia in the Diabetes Control and Complications Trial. The Diabetes Control and Complications Trial Research Group. *Diabetes*. 1997 Feb;46(2):271–86.
20. American Diabetes Association. Diagnosis and classification of diabetes mellitus. *Diabetes care*. 2010 Jan;33 Suppl 1:S62-9.

21. PEDOMAN NASIONAL PELAYANAN KEDOKTERAN TATA LAKSANA DIABETES MELITUS TIPE 2 DEWASA. 2019;17–47.
22. Cerf ME. Beta Cell Dysfunction and Insulin Resistance. *Frontiers in Endocrinology*. 2013;4.
23. Bunney PE, Zink AN, Holm AA, Billington CJ, Kotz CM. Orexin activation counteracts decreases in nonexercise activity thermogenesis (NEAT) caused by high-fat diet. *Physiology & Behavior*. 2017 Jul;176:139–48.
24. Halban PA. Proinsulin processing in the regulated and the constitutive secretory pathway. *Diabetologia*. 1994 Sep;37(S2):S65–72.
25. Fu Z, Gilbert ER, Liu D. Regulation of insulin synthesis and secretion and pancreatic Beta-cell dysfunction in diabetes. *Current diabetes reviews*. 2013 Jan 1;9(1):25–53.
26. Boland BB, Rhodes CJ, Grimsby JS. The dynamic plasticity of insulin production in β -cells. *Molecular Metabolism*. 2017 Sep;6(9):958–73.
27. Seino S, Shibasaki T, Minami K. Dynamics of insulin secretion and the clinical implications for obesity and diabetes. *Journal of Clinical Investigation*. 2011 Jun 1;121(6):2118–25.
28. Cuññas A, García-Morales V, Viña D, Gil-Longo J, Campos-Toimil M. Activation of PKA and Epac proteins by cyclic AMP depletes intracellular calcium stores and reduces calcium availability for vasoconstriction. *Life Sciences*. 2016 Jun;155:102–9.
29. Christensen AA, Gannon M. The Beta Cell in Type 2 Diabetes. *Current Diabetes Reports*. 2019 Sep 9;19(9):81.
30. Halban PA, Polonsky KS, Bowden DW, Hawkins MA, Ling C, Mather KJ, et al. β -Cell Failure in Type 2 Diabetes: Postulated Mechanisms and Prospects for Prevention and Treatment. *Diabetes Care*. 2014 Jun;37(6):1751–8.
31. Yamamoto WR, Bone RN, Sohn P, Syed F, Reissaus CA, Mosley AL, et al. Endoplasmic reticulum stress alters ryanodine receptor function in the murine pancreatic β cell. *Journal of Biological Chemistry*. 2019 Jan;294(1):168–81.
32. Liu M, Weiss MA, Arunagiri A, Yong J, Rege N, Sun J, et al. Biosynthesis,

- structure, and folding of the insulin precursor protein. *Diabetes, Obesity and Metabolism*. 2018 Sep;20:28–50.
33. Hoang Do O, Thorn P. Insulin secretion from beta cells within intact islets: Location matters. *Clinical and Experimental Pharmacology and Physiology*. 2015 Apr 27;42(4):406–14.
 34. Wannamethee SG, Shaper AG, Whincup PH, Lennon L, Sattar N. Impact of Diabetes on Cardiovascular Disease Risk and All-Cause Mortality in Older Men. *Archives of Internal Medicine*. 2011 Mar 14;171(5).
 35. Forbes JM, Cooper ME. Mechanisms of Diabetic Complications. *Physiological Reviews*. 2013 Jan;93(1):137–88.
 36. Chen ST, Siddarth P, Ercoli LM, Merrill DA, Torres-Gil F, Small GW. Modifiable Risk Factors for Alzheimer Disease and Subjective Memory Impairment across Age Groups. *PLoS ONE*. 2014 Jun 4;9(6):e98630.
 37. Taheri Tanjani P, Moradinazar M, Esmail Mottlagh M, Najafi F. The prevalence of diabetes mellitus (DM) type II among Iranian elderly population and its association with other age-related diseases, 2012. *Archives of Gerontology and Geriatrics*. 2015 May;60(3):373–9.
 38. Wedick NM, Barrett-Connor E, Knoke JD, Wingard DL. The Relationship Between Weight Loss and All-Cause Mortality in Older Men and Women With and Without Diabetes Mellitus: The Rancho Bernardo Study. *Journal of the American Geriatrics Society*. 2002 Nov;50(11):1810–5.
 39. Tyrovolas S, Koyanagi A, Garin N, Olaya B, Ayuso-Mateos JL, Miret M, et al. Diabetes mellitus and its association with central obesity and disability among older adults: A global perspective. *Experimental Gerontology*. 2015 Apr;64:70–7.
 40. Wannamethee SG, Welsh P, Papacosta O, Lennon L, Whincup PH, Sattar N. Copeptin, Insulin Resistance, and Risk of Incident Diabetes in Older Men. *The Journal of Clinical Endocrinology & Metabolism*. 2015 Sep;100(9):3332–9.
 41. Enhörning S, Struck J, Wirfält E, Hedblad B, Morgenthaler NG, Melander O. Plasma Copeptin, A Unifying Factor behind the Metabolic Syndrome. *The Journal of Clinical Endocrinology & Metabolism*. 2011 Jul;96(7):E1065–72.
 42. Li Y-X, Zhou L. Vitamin D Deficiency, Obesity and Diabetes. *Cellular and*

molecular biology (Noisy-le-Grand, France). 2015 Jun 10;61(3):35–8.

43. Sung C-C, Liao M-T, Lu K-C, Wu C-C. Role of Vitamin D in Insulin Resistance. *Journal of Biomedicine and Biotechnology*. 2012;2012:1–11.
44. Cândido F, Bressan J. Vitamin D: Link between Osteoporosis, Obesity, and Diabetes? *International Journal of Molecular Sciences*. 2014 Apr 17;15(4):6569–91.
45. Chaudhary DP, Sharma R, Bansal DD. Implications of Magnesium Deficiency in Type 2 Diabetes: A Review. *Biological Trace Element Research*. 2010 May 24;134(2):119–29.
46. Rodríguez-Morán M, Simental Mendía LE, Zambrano Galván G, Guerrero-Romero F. The role of magnesium in type 2 diabetes: A brief based-clinical review. *Magnesium Research*. 2011 Dec;24(4):156–62.
47. Yang Y, Li W, Zhang Q, Zhang L, Cheung T, Xiang Y-T. Mental health services for older adults in China during the COVID-19 outbreak. *The Lancet Psychiatry*. 2020 Apr;7(4):e19.
48. Yau YHC, Potenza MN. Stress and eating behaviors. *Minerva endocrinologica*. 2013 Sep;38(3):255–67.
49. Martins Van Jaarsveld G. The Effects of COVID-19 Among the Elderly Population: A Case for Closing the Digital Divide. *Frontiers in Psychiatry*. 2020 Nov 12;11.
50. Genetics of stress response and stress-related disorders. *Dialogues in Clinical Neuroscience*. 2006 Dec;8(4):433–44.
51. Use of Glycated Haemoglobin (HbA1c) in the Diagnosis of Diabetes Mellitus Abbreviated Report of a WHO Consultation. 2011.
52. Permatasar D. Kebijakan COVID-19 dari PSBB hingga PPKM Empat level [Internet]. *Kompas* . 2021 [cited 2022 Jan 5]. Available from: <https://kompaspedia.kompas.id/baca/infografik/kronologi/kebijakan-covid-19-dari-psbb-hingga-ppkm-empat-level>
53. Emily Eyth, Hajira Basit, Carrie J. Smith. Glucose Tolerance Test [Internet]. [cited 2021 Dec 5]. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK532915/>
54. UNDANG-UNDANG REPUBLIK INDONESIA NOMOR 13 TAHUN 1998

TENTANG KESEJAHTERAAN LANJUT USIA.

55. Jake Turner, Meghana Parsi, Madhu Badireddy. Anemia [Internet]. 2011 [cited 2021 Dec 5]. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK499994/>
56. Satyanarayana R. Vaidya, Narothama R. Aeddula. Chronic Renal Failure. 2021;
57. Alcohol Misuse [Internet]. 2018 [cited 2021 Dec 5]. Available from: <https://www.nhs.uk/conditions/alcohol-misuse/>
58. Giacomelli R, Ruscitti P, Alvaro S, Ciccio F, Liakouli V, di Benedetto P, et al. IL-1 β at the crossroad between rheumatoid arthritis and type 2 diabetes: may we kill two birds with one stone? *Expert Review of Clinical Immunology*. 2016 Aug 2;12(8):849–55.
59. Szablewski L, Sulima A. The structural and functional changes of blood cells and molecular components in diabetes mellitus. *Biological Chemistry*. 2017 Apr 1;398(4):411–23.
60. Jagota P, Bhidayasiri R, Lang AE. Movement disorders in patients with diabetes mellitus. *Journal of the Neurological Sciences*. 2012 Mar;314(1– 2):5–11.
61. Karatas S, Yesim T, Beysel S. Impact of lockdown COVID-19 on metabolic control in type 2 diabetes mellitus and healthy people. *Primary Care Diabetes*. 2021 Jun 1;15(3):424–7.