

## DAFTAR PUSTAKA

1. Kemenkes RI. Analisis Lansia di Indonesia. Pus data dan Inf Kementeri Kesehatan RI [Internet]. 2017;1–2. Available from: [www.depkes.go.id/download.php?file=download/.../infodatin lansia 2016.pdf](http://www.depkes.go.id/download.php?file=download/.../infodatin%20lansia%202016.pdf)
2. Mubarak WI, Nurul C, Bambang AS. Ilmu keperawatan komunitas konsep dan aplikasi. Jakarta Salemba Med. 2009;
3. Kementrian Kesehatan RI. Eksperimen Semu . Lansia yang sehat, lansia yang jauh dari demensia. 2017;
4. Prasetyo H, Nugroho P, Sukrillah UA. The Effect of Memory Training : Anagram Towards Improving Cognitive Memory Training Anagram for Improving Kognitif Function of Eldery Memory Training Anagram terhadap Peningkatan Fungsi Konitif Lansia Herry Prasetyo Petrus Nugroho D . S Ulfah Agus Sukrill. J Ris Kesehat. 2015;4(3):798–806.
5. Pandean G V., Surachmanto EE. Hubungan hipertensi dengan fungsi kognitif di Poliklinik SMF Ilmu Penyakit Dalam RSUP Prof. Dr. R. D. Kandou Manado. e-CliniC. 2016;
6. Muzamil MS, Martini RD. Hubungan antara tingkat aktivitas fisik dengan fungsi kognitif pada usila di Kelurahan Jati Kecamatan Padang Timur. Hub Antara Tingkat Akt Fis dengan Fungsi Kogn pada Usila di Kelurahan Jati Kec Padang Timur. 2014;
7. Henderson VW. Cognitive changes after menopause: Influence of estrogen. Clin Obstet Gynecol. 2008;51(3):618–26.
8. Momtaz YA, Haron SA, Hamid TA, Ibrahim R, Tanjani PT. Body Mass Index (BMI) and Cognitive Functions in Later Life. Curr Alzheimer Res. 2018;
9. Gunstad J, Paul RH, Cohen RA, Tate DF, Spitznagel MB, Gordon E. Elevated body mass index is associated with executive dysfunction in otherwise healthy adults. Compr Psychiatry. 2007;
10. Dahl AK, Hassing LB, Fransson EI, Gatz M, Reynolds CA, Pedersen NL.

- Body mass index across midlife and cognitive change in late life. *Int J Obes.* 2013;
11. Kujawski S, Kujawska A, Jaroch A, Fierek E, Bieniek D, Piskorska B, et al. Correlation of BMI and cognitive functioning tests in older people – a spurious relationship ? Preliminary study Korelacja BMI z wynikami testów poznawczych – zależność pozorna ? *Badania wstępne.* 2018;172–6.
  12. Dema B, Wahid J, Sudarma V, Sarjana P, Fakultas K, Universitas K, et al. Hubungan Status Gizi Dan Penurunan Fungsi Kognitif Pada Lansia. *Semin Nas Pakar ke 1.* 2018;(3):331–7.
  13. Cui GH, Guo HD, Xu RF, Jiang GX, Chen S Di, Cheng Q. The association of weight status with cognitive impairment in the elderly population of a Shanghai suburb. *Asia Pac J Clin Nutr.* 2013;
  14. Woo EK, Han C, Jo SA, Park MK, Kim S, Kim E, et al. Morbidity and related factors among elderly people in South Korea: Results from the Ansan Geriatric (AGE) cohort study. *BMC Public Health.* 2007;
  15. Scott-Warren V, Maguire S. *Physiology of ageing. Anaesthesia and Intensive Care Medicine.* 2017.
  16. Osterlund LC. *Wisdom in the Counseling Relationship.* Jesuit High Educ. 2014;
  17. Nehlig A. Is caffeine a cognitive enhancer? In: *Journal of Alzheimer's Disease.* 2010.
  18. Wreksoatmodjo BR. Beberapa Kondisi Fisik dan Penyakit yang Merupakan Faktor Risiko Gangguan Fungsi Kognitif. *Cdk-212.* 2014;
  19. Korten AE, Henderson AS, Christensen H, Jorm AF, Rodgers B, Jacomb P, et al. A prospective study of cognitive function in the elderly. *Psychol Med.* 1997;
  20. Havighurst RJ. *Successful aging.* *Gerontologist.* 1961;
  21. Navaratnarajah A, Jackson SHD. *The physiology of ageing. Medicine (United Kingdom).* 2017.
  22. Luis CA, Loewenstein DA, Acevedo A, Barker WW, Duara R. Mild cognitive

- impairment: Directions for future research. *Neurology*. 2003.
23. Birda AM, Kamid, Rusdi M. Proses Atensi Pengetahuan Pada Siswa Attention Deficit Hyperactivity Disorder (ADHD) Dalam Memecahkan Masalah Matematika Materi Aritmetika Sosial. 2012;(2006):10–9.
  24. Markwick A, Zamboni G, De Jager CA. Profiles of cognitive subtest impairment in the Montreal Cognitive Assessment (MoCA) in a research cohort with normal Mini-Mental State Examination (MMSE) scores. *J Clin Exp Neuropsychol*. 2012;
  25. Murtiyani N, Hartono A, Suidah H, Putri Pangertika N, Keperawatan Dian Husada A, Ilmu Keperawatan P, et al. Fungsi Kognitif dengan Activities of Daily Living (ADL) pada Lansia (Kognitif Function with Activites of Daily Living (ADL) in The Elderly). In: *Prosiding Seminar Nasional*. 2017.
  26. Von Hippel W. Aging, executive functioning, and social control. *Curr Dir Psychol Sci*. 2007;
  27. Hassing LB, Hofer SM, Nilsson SE, Berg S, Pedersen NL, McClearn G, et al. Comorbid type 2 diabetes mellitus and hypertension exacerbates cognitive decline: Evidence from a longitudinal study. *Age Ageing*. 2004;
  28. Stein, Jill.; Schettler, Ted.; Rohrer, Ben.; Valenti M. Environmental Threats to Healthy Aging Threats to. *Environ Heal*. 2008;
  29. Roberts RO, Knopman DS, Przybelski SA, Mielke MM, Kantarci K, Preboske GM, et al. Association of type 2 diabetes with brain atrophy and cognitive impairment. *Neurology*. 2014;
  30. Craft S. The role of metabolic disorders in Alzheimer disease and vascular dementia: Two roads converged. *Archives of Neurology*. 2009.
  31. Tan ZS, Beiser AS, Fox CS, Au R, Himali JJ, Debette S, et al. Association of metabolic dysregulation with volumetric brain magnetic resonance imaging and cognitive markers of subclinical brain aging in middle-aged adults: The Framingham offspring study. *Diabetes Care*. 2011;
  32. Jin J, Maren S. Prefrontal-hippocampal interactions in memory and emotion. *Frontiers in Systems Neuroscience*. 2015.

33. Zhang YW, Zhang JQ, Liu C, Wei P, Zhang X, Yuan QY, et al. Memory dysfunction in type 2 diabetes mellitus correlates with reduced hippocampal CA1 and subiculum volumes. *Chin Med J (Engl)*. 2015;
34. Friedman JI, Wallenstein S, Moshier E, Parrella M, White L, Bowler S, et al. The effects of hypertension and body mass index on cognition in schizophrenia. *Am J Psychiatry*. 2010;
35. Novak V. Cognition and Hemodynamics. *Current Cardiovascular Risk Reports*. 2012.
36. Roberts RO, Geda YE, Knopman DS, Christianson TJH, Pankratz VS, Boeve BF, et al. Association of duration and severity of diabetes mellitus with mild cognitive impairment. *Arch Neurol*. 2008;
37. Hughes T, Ganguli M. Modifiable Midlife Risk Factors for Late-Life Cognitive Impairment and Dementia. *Curr Psychiatry Rev*. 2009;
38. Luchsinger JA, Patel B, Tang MX, Schupf N, Mayeux R. Measures of adiposity and dementia risk in elderly persons. *Arch Neurol*. 2007;
39. Wu G, Fang Y-Z, Yang S, Lupton JR, Turner ND. Glutathione Metabolism and Its Implications for Health. *J Nutr*. 2004;
40. Panza F, Lozupone M, Solfrizzi V, Sardone R, Dibello V, Di Lena L, et al. Different Cognitive Frailty Models and Health-and Cognitive-related Outcomes in Older Age: From Epidemiology to Prevention. *Journal of Alzheimer's Disease*. 2018.
41. Kesehatan FI, Magelang UM, Kesehatan FI, Magelang UM, Kesehatan FI, Magelang UM. HUBUNGAN ANTARA LIFESTYLE DENGAN FUNGSI KOGNITIF PADA LANSIA Sambodo Sriadi Pinilih 1 , Retna Tri Astuti 2 , Desi Risaditia Rini 3 1. 2017;(2013):25–35.
42. Samodra YL, Rahmawati NT, Sumarni S. Faktor-faktor yang mempengaruhi kemampuan kognitif pada lansia obesitas di Indonesia. *J Gizi Klin Indones*. 2018;14(4):154.
43. Fitzpatrick AL, Kuller LH, Lopez OL, Diehr P, O'Meara ES, Longstreth Jr. WT., et al. Mid- and Late-Life Obesity: Risk of Dementia in the

- Cardiovascular Health Cognition Study. *Arch Neurol*. 2009;
44. Castro-Costa É, Peixoto S V., Firmo JOA, Uchoa E, Lima-Costa MFF. The association between nutritional status and cognitive impairment in Brazilian community-dwelling older adults assessed using a range of anthropometric measures - the Bambui Study. *Dement Neuropsychol*. 2013;
  45. B.D. J, J.A. S. Increasing incidence of dementia in the oldest old: Evidence and implications. *Alzheimer's Res Ther*. 2010;
  46. Yao S, Zeng H, Sun S. Investigation on status and influential factors of cognitive function of the community-dwelling elderly in Changsha City. *Arch Gerontol Geriatr*. 2009;
  47. Sundström A, Westerlund O, Kotyrlo E. Marital status and risk of dementia: A nationwide population-based prospective study from Sweden. *BMJ Open*. 2016;
  48. Kim E, Cho MH, Cha KR, Park JS, Ahn CW, Oh BH, et al. Interactive effect of central obesity and hypertension on cognitive function in older out-patients with type 2 diabetes. *Diabet Med*. 2008;
  49. Yuliati Y, Hidaayah N, Hidaayah N. Pengaruh Senam Otak (Brain Gym) Terhadap Fungsi Kognitif Pada Lansia Di Rt 03 Rw 01 Kelurahan Tandes Surabaya. *J Heal Sci*. 2018;10(1):88–95.
  50. Mons U, Schöttker B, Müller H, Kliegel M, Brenner H. History of lifetime smoking, smoking cessation and cognitive function in the elderly population. *Eur J Epidemiol*. 2013;
  51. Sánchez-García S, García-Peñ C, Duque-López MX, Juárez-Cedillo T, Cortés-Núñez AR, Reyes-Beaman S. Anthropometric measures and nutritional status in a healthy elderly population. *BMC Public Health*. 2007;
  52. Quan SA, Jeong J-Y, Kim D-H. The Relationship between Height and Cognitive Function among Community-dwelling Elderly: Hallym Aging Study. *Epidemiol Health*. 2013;
  53. Choi SI, Chung D, Lim JS, Lee MY, Shin JY, Chung CH, et al. Relationship between regional body fat distribution and diabetes mellitus: 2008 to 2010

- Korean national health and nutrition examination surveys. *Diabetes Metab J*. 2017;
54. Nasreddine ZS, Phillips NA, Bedirian V, Charbonneau S, Whitehead V, Collin I, et al. The Montreal Cognitive Assessment, MoCA: A Brief Screening. *J Am Geriatr Soc*. 2005;
  55. Smith T, Gildeh N, Holmes C. The Montreal cognitive assessment: Validity and utility in a memory clinic setting. *Can J Psychiatry*. 2007;
  56. Surya Rini S, Kuswardhani T, Aryana S. Faktor – faktor yang berhubungan dengan gangguan kognitif pada lansia di Panti Sosial Tresna Werdha Wana Seraya Denpasar. *J Penyakit Dalam Udayana*. 2018;2(2):32–7.
  57. Husein N, Lumempouw S, Ramli Y, Herquatanto. Montreal cognitive assessment versi indonesia (moca-ina) untuk skrining gangguan fungsi kognitif. *Maj Neurona*. 2010;
  58. Mei Z, Grummer-Strawn LM, Pietrobelli A, Goulding A, Goran MI, Dietz WH. Validity of body mass index compared with other body-composition screening indexes for the assessment of body fatness in children and adolescents. *Am J Clin Nutr*. 2002;
  59. Strauss J, Witoelar F, Sikoki B. The Fifth Wave of the Indonesia Family Life Survey: Overview and Field Report: Volume 1. *The Fifth Wave of the Indonesia Family Life Survey: Overview and Field Report: Volume 1*. 2016.
  60. Mohammad G, Faisalabad A. A factor Affecting BMI: Assessment of the effect of sociodemographic factors on BMI In the population of Ghulam Mohammad Abad Faisalabad. *Prof Med J [Internet]*. 2013;20(6):956–64. Available from: [www.theprofesional.com](http://www.theprofesional.com)
  61. Luchsinger JA, Gustafson DR. Adiposity and Alzheimer’s disease. *Current Opinion in Clinical Nutrition and Metabolic Care*. 2009.
  62. Pi-Sunyer FX. The obesity epidemic: Pathophysiology and consequences of obesity. *Obes Res*. 2002;
  63. Poirier P, Giles TD, Bray GA, Hong Y, Stern JS, Pi-Sunyer FX, et al. Obesity and cardiovascular disease: Pathophysiology, evaluation, and effect of weight

- loss: An update of the 1997 American Heart Association Scientific Statement on obesity and heart disease from the Obesity Committee of the Council on Nutrition, Physical. *Circulation*. 2006.
64. Nguyen JCD, Killcross AS, Jenkins TA. Obesity and cognitive decline: Role of inflammation and vascular changes. *Front Neurosci*. 2014;
  65. Gustafson D, Lissner L, Bengtsson C, Björkelund C, Skoog I. A 24-year follow-up of body mass index and cerebral atrophy. *Neurology*. 2004.
  66. Morganstern I, Ye Z, Liang S, Fagan S, Leibowitz SF. Involvement of cholinergic mechanisms in the behavioral effects of dietary fat consumption. *Brain Res*. 2012;
  67. Banks WA, Coon AB, Robinson SM, Moinuddin A, Shultz JM, Nakaoke R, et al. Triglycerides Induce Leptin Resistance at the Blood-Brain Barrier. *Diabetes*. 2004;
  68. Weisberg SP, McCann D, Desai M, Rosenbaum M, Leibel RL, Ferrante AW. Obesity is associated with macrophage accumulation in adipose tissue. *J Clin Invest*. 2003;
  69. Baumgartner RN, Heymsfield SB, Roche AF. Human Body Composition and the Epidemiology of Chronic Disease. *Obesity Research*. 1995.
  70. Heiat A, Vaccarino V, Krumholz HM. An evidence-based assessment of federal guidelines for overweight and obesity as they apply to elderly persons. *Arch Intern Med*. 2001;
  71. Farris W, Mansourian S, Chang Y, Lindsley L, Eckman EA, Frosch MP, et al. Insulin-degrading enzyme regulates the levels of insulin, amyloid  $\beta$ -protein, and the  $\beta$ -amyloid precursor protein intracellular domain in vivo. *Proc Natl Acad Sci U S A*. 2003;
  72. Reger MA, Watson GS, Frey WH, Baker LD, Cholerton B, Keeling ML, et al. Effects of intranasal insulin on cognition in memory-impaired older adults: Modulation by APOE genotype. *Neurobiol Aging*. 2006;
  73. Watson GS, Bernhardt T, Reger MA, Cholerton BA, Baker LD, Peskind ER, et al. Insulin effects on CSF norepinephrine and cognition in Alzheimer's

- disease. *Neurobiol Aging*. 2006;
74. Watson GS, Craft S. Modulation of memory by insulin and glucose: Neuropsychological observations in Alzheimer's disease. *Eur J Pharmacol*. 2004;
  75. Friedman JM, Halaas JL. Leptin and the regulation of body weight in mammals. *Nature*. 1998.
  76. Lissner L, Karlsson C, Lindroos AK, Sjöström L, Carlsson B, Carlsson L, et al. Birth weight, adulthood BMI, and subsequent weight gain in relation to leptin levels in Swedish women. *Obes Res*. 1999;
  77. Davidson TL, Kanoski SE, Walls EK, Jarrard LE. Memory inhibition and energy regulation. In: *Physiology and Behavior*. 2005.
  78. Visser PJ, Verhey FRJ, Hofman PAM, Scheltens P, Jolles J. Medial temporal lobe atrophy predicts Alzheimer's disease in patients with minor cognitive impairment. *J Neurol Neurosurg Psychiatry*. 2002;
  79. De Leon MJ, George AE, Golomb J, Tarshish C, Convit A, Kluger A, et al. Frequency of hippocampal formation atrophy in normal aging and Alzheimer's disease. *Neurobiol Aging*. 1997;
  80. Marcus M, Yasamy MT, van Ommeren M, Chisholm D. Depression, a global public health concern. WHO Department of Mental Health and Substance Abuse. 2012.
  81. Federation ID. IDF Diabetes Atlas Eighth edition 2017. International Diabetes Federation. IDF Diabetes Atlas, 8th edn. Brussels, Belgium: International Diabetes Federation, 2017. <http://www.diabetesatlas.org>. 2017.
  82. Dipiro J. *Pharmacotherapy : A Pathophysiologic Approach* 7th edition. Journal of Chemical Information and Modeling. 2013.
  83. Sheehan B. Assessment scales in dementia. *Ther Adv Neurol Disord*. 2012;
  84. Duong S, Patel T, Chang F. Dementia: What pharmacists need to know. *Can Pharm J*. 2017;
  85. Wittenauer R, Smith L. Background Paper 6.6 Ischaemic and Haemorrhagic Stroke. *Prior Med Eur World "A Public Heal Approach to Innov Pap* 66



- Ischaem Haemorrh Stroke. 2012;
86. Arsana PM, Rosandi R, Manaf A, Budhiarta A, Hikmat Permana. Pedoman Pengelolaan Dislipidemi di Indonesia 2019. Pb Perkeni. 2019;
  87. Pusat Bahasa Kemdikbud. Kamus Besar Bahasa Indonesia ( KBBI ). Kementerian Pendidik dan Budaya. 2016;
  88. Hawkins MAW, Gunstad J, Dolansky MA, Redle JD, Josephson R, Moore SM, et al. Greater body mass index is associated with poorer cognitive functioning in male heart failure patients. J Card Fail. 2014;
  89. Arvanitakis Z, Capuano AW, Bennett DA, Barnes LL. Body mass index and decline in cognitive function in older black and white persons. Journals Gerontol - Ser A Biol Sci Med Sci. 2018;

