

DAFTAR PUSTAKA

- Achterberg, H.C., Sørensen, L., Wolters, F.J., Niessen, W.J., Vernooij, M.W., Ikram, M.A., de Bruijne, M. 2019. The value of hippocampal volume, shape, and texture for 11-year prediction of dementia: a population-based study. *Neurobiology of Aging*. 81(221):58–66.
- Alfarissi, M. & Taufiqurrahman. 2021. Hubungan hiperkolesterolemia dengan fungsi kognitif. <https://dspace.uui.ac.id/bitstream/handle/123456789/31258/16711164.pdf?sequence=1>.
- Allen, H.B. and Joshi, S.G., 2016. Nicotine and Alzheimers Disease: Mechanism for How the Fog of Smoke Increases the Fog of Dementia. *J Neuroinfect Dis*, 7(4).
- Andrieu, S., Coley, N., Rolland, Y., Cantet, C., Arnaud, C., Guyonnet, S., Nourhashemi, F., Grand, A., Vellas, B., the PLASA group, 2015, Assessing Alzheimer's Disease Patients' Quality of Life: Discrepancies Between Patient and Caregiver Perspectives, *The Alzheimer's Association*, 1552-5260, <http://dx.doi.org/10.1016/j.jalz.2015.09.003>.
- Angelo, M. ed. 2019. *The limbic system*. *Uq.edu.au*. The University of Queensland. <https://qbi.uq.edu.au/brain/brain-anatomy/limbic-system>.
- Baba, Y. 2021. *Alzheimer disease | Radiology Reference Article | Radiopaedia.org*. Radiopaedia. <https://radiopaedia.org/articles/alzheimer-disease-1?lang=us>.
- Balázs, N., Ajtay, A., Oberfrank, F., Bereczki, D. & Kovács, T. 2021. Dementia epidemiology in Hungary based on data from neurological and psychiatric specialty services. *Scientific Reports*. 11(1).
- Banerjee, S., Smith, S.C., Lamping, D.L., Harwood, R.H., Foley, B., Smith, P., Murray, J., Prince, M., Levin, E., Mann, A., Knapp, M., 2006, Quality of Life in Dementia: More Than Just Cognition. An Analysis of Associations with Quality of Live in Dementia, *J Neurol Neurosurg Psychiatry*, 77:146–148, doi: 10.1136/jnnp.2005.072983.
- Banerjee, S., Willis, R., Matthews, D., Contell, F., Chan, J., Murray, J., 2007, Improving the Quality of Care for Mild to Moderate Dementia: An Evaluation of the Croydon Memory Service Model. *Int J Geriatr Psychiatry*, 22: 782-788, DOI: 10.1002/gps.1741.
- Banerjee, S. 2012. Development of DEMQOL-U and DEMQOL-Proxy-U: Generation of preference-based indices from DEMQOL and DEMQOL-Proxy for use in economic evaluation. *Alzheimer's & Dementia*. 8(4):P238.
- Barkhof, F., Fox, N.C., Bastos-Leite, A.J. & Scheltens, P. 2011. Neuroimaging in dementia. *research.vumc.nl/2782(112)*. <https://research.vumc.nl/en/publications/neuroimaging-in-dementia> Date of access: 07 Dec. 2021.
- Barkhof, F., Hazewinkel, M., Binnewijzend, M. & Smithuis, R. 2012. *The Radiology Assistant : Dementia - Role of MRI*. *radiologyassistant.nl*. Alzheimer Centre and Image Analysis Centre, Vrije Universiteit Medical Center, Amsterdam and the Rijnland Hospital, Leiderdorp, The Netherlands.

<https://radiologyassistant.nl/neuroradiology/dementia/role-of-mri>.

- Baumgart, M., Snyder, H.M., Carrillo, M.C., Fazio, S., Kim, H. & Johns, H. 2015. Summary of the evidence on modifiable risk factors for cognitive decline and dementia: A population-based perspective. *Alzheimer's & Dementia*. 11(6):718–726.
- Beerens, H.C., Zwakhalen, S.M.G., Verbeek, H., Ruwaard, D. & Hamers, J.P.H. 2013. Factors associated with quality of life of people with dementia in long-term care facilities: A systematic review. *International Journal of Nursing Studies*. 50(9):1259–1270.
- Beerens, H.C., Zwakhalen, S.M.G., Verbeek, H., Ruwaard, D., Ambergen, A.W., Leino-Kilpi, H., Stephan, A., Zabalegui, A., Soto, M., Saks, K., Bokberg, C., Sutcliffe, C.L., Hamers, J.P.H., on behalf of the RightTimePlaceCare Consortium, 2014, Change in Quality of Life of People with Dementia Recently Admitted to Long-Term Care Facilities, *Journal of Advanced Nursing*, 71(6): 1435-1447, doi: 10.1111/jan.12570.
- Borda, M.G., Jaramillo-Jimenez, A., Tovar-Rios, D.A., Ferreira, D., Garcia-Cifuentes, E., Vik-Mo, A.O., Oppedal, K. 2020. Hippocampal subfields and decline in activities of daily living in Alzheimer's disease and dementia with Lewy bodies. *Neurodegenerative Disease Management*. 10(6):357–367.
- Bourassa, E.A., Sved, A.F. and Speth, R.C., 2009. Angiotensin modulation of rostral ventrolateral medulla (RVLM) in cardiovascular regulation. *Molecular and cellular endocrinology*, 302(2), pp.167-175.
- Boutet, C., Chupin, M., Lehericy, S., Marrakchi-Kacem, L., Epelbaum, S., Poupon, C., Wiggins, C., Vignaud, A., Hasboun, D., Defontaine, B. and Hanon, O., 2014. Detection of volume loss in hippocampal layers in Alzheimer's disease using 7 T MRI: a feasibility study. *NeuroImage: Clinical*, 5, pp.341-348.
- Bremer, P., Challis, D., Hallberg, I.R., Leino-Kilpi, H., Saks, K., Vellas, B., Sauerland, D. 2017. Informal and formal care: Substitutes or complements in care for people with dementia? Empirical evidence for 8 European countries. *Health Policy*. 121(6):613–622.
- Brown, W.R., Moody, D.M., Thore, C.R., Anstrom, J.A. and Challa, V.R., 2009. Microvascular changes in the white matter in dementia. *Journal of the neurological sciences*, 283(1-2), pp.28-31.
- Brown, W.R. and Thore, C.R., 2011. Cerebral microvascular pathology in ageing and neurodegeneration. *Neuropathology and applied neurobiology*, 37(1), pp.56-74.
- Burks, H.B., Bordes, J.K.A. des, Chadha, R., Holmes, H.M. & Rianon, N.J. 2021. Quality of Life Assessment in Older Adults with Dementia: A Systematic Review. *Dementia and Geriatric Cognitive Disorders*. 50(2):103–110.
- Byers, A.L. and Yaffe, K., 2011. Depression and risk of developing dementia. *Nature Reviews Neurology*, 7(6), pp.323-331.
- Calvini, P., Chincarini, A., Gemme, G., Penco, M.A., Squarcia, S., Nobili, Fantacci, M.E. 2009. Automatic analysis of medial temporal lobe atrophy from structural MRIs for the early assessment of Alzheimer disease. *Medical Physics*. 36(8):3737–3747.
- Covinsky, K.E., Newcomer, R., Fox, P., Wood, J., Sands, L., Dane, K., Yaffe, K.,

- 2003, Patient and Caregiver Characteristics Associated with Depression in Caregivers of Patients with Dementia, *J Gen Intern Med*, 18:1006–1014.
- Cunningham, E.L., McGuinness, B., Herron, B., Passmore, A.P. 2015. Dementia. *Ulster Medical Journal*, 84(2), pp.79-87.
- Dahlan, M.S., 2014. *Besar Sampel dalam Penelitian Kedokteran dan Kesehatan*, 4th Edition. Salemba Medika, Jakarta. 281-287.
- Davis, D.H., Creavin, S.T., Yip, J.L., Noel-Storr, A.H., Brayne, C. and Cullum, S., 2021. Montreal Cognitive Assessment for the detection of dementia. *Cochrane Database of Systematic Reviews*, (7).
- Dawe, R.J., Yu, L., Arfanakis, K., Schneider, J.A., Bennett, D.A. & Boyle, P.A. 2020. Late-life cognitive decline is associated with hippocampal volume, above and beyond its associations with traditional neuropathologic indices. *Alzheimer's & Dementia*. 16(1):209–218.
- De Flores, R., La Joie, R. and Chételat, G., 2015. Structural imaging of hippocampal subfields in healthy aging and Alzheimer's disease. *Neuroscience*, 309, pp.29-50.
- Dekeyser, S., De Kock, I., Nikoubashman, O., Vanden Bossche, S., Van Eetvelde, R., De Groote, J., Achten, E. 2017. "Unforgettable" – a pictorial essay on anatomy and pathology of the hippocampus. *Insights into Imaging*. 8(2):199–212.
- Deskianditya, R.B., Astuti, A. & Yudiyanta, Y. 2022. Studi determinan caregiver terhadap kualitas hidup penderita demensia. *Berkala NeuroSains*. 19(3):108–114.
- Dhikav, V. & Anand, K. 2011. Potential predictors of hippocampal atrophy in Alzheimer's disease. *Drugs & aging*. 28(1):1–11.
- Dhikav, V. & Anand, K. 2012. Hippocampus in health and disease: An overview. *Annals of Indian Academy of Neurology*. 15(4):239.
- Dhikav, V. & Anand, K.S. 2007. Is hippocampal atrophy a future drug target? *Medical Hypotheses*. 68(6):1300–1306.
- Dichgans, M. & Leys, D. 2017. Vascular Cognitive Impairment. *Circulation Research*. 120(3):573–591.
- Dominguez, J., Jiloca, L., Fowler, K.C., De Guzman, Ma.F., Dominguez-Awao, J.K., Natividad, B., Phung, T.K.T. 2021. Dementia Incidence, Burden and Cost of Care: A Filipino Community-Based Study. *Frontiers in Public Health*. 9(1).
- Doxey, C.R. & Kirwan, C.B. 2014. Structural and functional correlates of behavioral pattern separation in the hippocampus and medial temporal lobe. *Hippocampus*. 25(4):524–533.
- Dreier, A., Thyrian, J.R., Eichler, T. & Hoffmann, W. 2016. Qualifications for nurses for the care of patients with dementia and support to their caregivers: A pilot evaluation of the dementia care management curriculum. *Nurse Education Today*. 36(1652):310–317.
- Durvenoy, H. 2005. The human hippocampus, H.M. Duvernoy Third edition, Springer-Verlag Berlin Heidelberg 2005 (232 pages). *Journal of Neuroradiology*. 32(4):288.
- Eggert, L.D., Sommer, J., Jansen, A., Kircher, T. & Konrad, C. 2012. Accuracy and

- Reliability of Automated Gray Matter Segmentation Pathways on Real and Simulated Structural Magnetic Resonance Images of the Human Brain. *PLoS ONE*. 7(9):e45081. Fischl, B., Salat, D.H., Busa, E., Albert, M., Dieterich, M., Haselgrove, C., Dale, A.M. 2002. Whole Brain Segmentation. *Neuron*. 33(3):341–355.
- Frisoni, G.B., Fox, N.C., Jack, C.R., Scheltens, P. & Thompson, P.M. 2010. The clinical use of structural MRI in Alzheimer disease. *Nature Reviews Neurology*. 6(2):67–77.
- Gaillard, F. 2021. *Hippocampus | Radiology Reference Article | Radiopaedia.org.Radiopaedia.*
https://radiopaedia.org/articles/hippocampus?lang=us#image_list_item_5673
51 43 Date of access: 27 Dec. 2021.
- Gilbert, P.E. & Brushfield, A.M. 2009. The role of the CA3 hippocampal subregion inspatial memory: A process oriented behavioral assessment. *Progress in Neuro- Psychopharmacology and Biological Psychiatry*. 33(5):774–781.
- Goukasian, N., Porat, S., Blanken, A., Avila, D., Zlatev, D., Hurtz, S., Apostolova, Liana G. 2019. Cognitive Correlates of Hippocampal Atrophy and Ventricular Enlargement in Adults with or without Mild Cognitive Impairment. *Dementia and Geriatric Cognitive Disorders Extra*. 101(202):281–293.
- Gudala, K., Bansal, D., Schifano, F. and Bhansali, A., 2013. Diabetes mellitus and risk of dementia: A meta-analysis of prospective observational studies. *Journal of diabetes investigation*, 4(6), pp.640-650.
- Hajjar, I., Zhao, P., Alsop, D. and Novak, V., 2010. Hypertension and cerebral vasoreactivity: a continuous arterial spin labeling magnetic resonance imaging study. *Hypertension*, 56(5), pp.859-864.
- Hakansson, C., Tamaddon, A., Andersson, H., Torisson, G., Mårtensson, G., Truong, M. *et al.* 2021. Inter-modality assessment of medial temporal lobe atrophy in a non-demented population: application of a visual rating scale template across radiologists with varying clinical experience. *European Radiology*, 32(2), pp.1127-1134.
- Hanifah, A.K., Astari, R.V., Muktamiroh, H. and Saleh, A.Y., 2022. Vascular Dementia Patients Characteristics With a History of Stroke in a National Brain Center Hospital Jakarta, Indonesia. *Folia Medica Indonesiana* (2355-8393), 58(3).
- Hasan, K.M., Mwangi, B., Cao, B., Keser, Z., Tustison, N.J., Kochunov, P., Soares, J. 2015. Entorhinal Cortex Thickness across the Human Lifespan. *Journal of Neuroimaging*. 26(3):278–282.
- Heidebrink, J.L. 2002. Is Dementia with Lewy Bodies the Second Most Common Cause of Dementia? *Journal of Geriatric Psychiatry and Neurology*. 15(4):182–187.
- Hidayat, A. 2012. *Jenis Uji Korelasi: Pearson, Spearman-rho, Kendall-Tau, Gamma dan Somers.* *Statistikian*
<https://www.statistikian.com/2012/07/pearson-spearman-rho-kendall-tau-gamma-dan-somers>.

- Hock, C., Heese, K., Hulette, C., Rosenberg, C. and Otten, U., 2000. Region-specific neurotrophin imbalances in Alzheimer disease: decreased levels of brain-derived neurotrophic factor and increased levels of nerve growth factor in hippocampus and cortical areas. *Archives of neurology*, 57(6), pp.846-851.
- Ikram, M.A., Vrooman, H.A., Vernooij, M.W., Heijer, T. den, Hofman, A., Niessen, W.J., Breteler, M.M.B. 2010. Brain tissue volumes in relation to cognitive function and risk of dementia. *Neurobiology of Aging*. 31(3):378–386.
- Imami, N., Haryono, Y., Dwi Sensusiaty, A., Hamdan, M. & Badriyah Hidayati, H. 2021. Dementia in Dr. Soetomo general hospital surabaya: a synthetic review of characteristic. *MNJ (Malang Neurology Journal)*. 7(1):12–16.
- Inouye, K., Pedrazzani, E.S., Pavarini, S.C.I., Toyoda, C.Y., 2010, Quality of Life of Elderly with Alzheimer's Disease: a Comparative Study Between The Patient's and The Caregiver's Report, *Rev. Latino-Am Enfermagem*, 18(1).26-32.
- Iyer, G.K., Alladi, S., Bak, T.H., Shailaja, M., Mamidipudi, A., Rajan, A., Gollahalli, D., Chaudhuri, J.R. and Kaul, S., 2014. Dementia in developing countries: Does education play the same role in India as in the West?. *Dementia & Neuropsychologia*, 8, pp.132-140.
- Jack, C.R., Bernstein, M.A., Fox, N.C., Thompson, P., Alexander, G., Harvey, D., DeCarli, C.S. 2008. The Alzheimer's disease neuroimaging initiative (ADNI): MRI methods. *Journal of Magnetic Resonance Imaging*. 27(4):685–691.
- Jellinger, K.A. and Attems, J., 2007. Neuropathological evaluation of mixed dementia. *Journal of the neurological sciences*, 257(1-2), pp.80-87.
- Jing, W., Willis, R., Feng, Z., 2016, Factors Influencing Quality of Life of Elderly People with Dementia and Care Implications: A Systematic Review, *Archives of Gerontology and Geriatrics*, 04.009, <http://dx.doi.org/doi:10.1016/j.archger.2016.04.009>.
- Kalaria, R.N., Maestre, G.E., Arizaga, R., Friedland, R.P., Galasko, D., Hall, K., Luchsinger, J.A., Ogunniyi, A., Perry, E.K., Potocnik, F. and Prince, M., 2008. Alzheimer's disease and vascular dementia in developing countries: prevalence, management, and risk factors. *The Lancet Neurology*, 7(9), pp.812-826.
- Kasper, J.D., Black, B.S., Shore, A.D. & Rabins, P.V. 2009. Evaluation of the Validity and Reliability of the Alzheimer Disease-related Quality of Life Assessment Instrument. *Alzheimer Disease & Associated Disorders*. 23(3):275–284.
- Khifzhon Azwar, M. & Setiati, S. 2019. *The Clinical Profile of Dementia in Indonesia's National General Hospital Nutrition Problem in Older Adult View project frailty and sarcopenia View project*. https://www.researchgate.net/publication/337821436_The_Clinical_Profile_of_Dementia_in_Indonesia%27s_National_General_Hospital Date of access: 27Dec. 2021.
- Klapwijk, M.S., Caljouw, M.A.A., Pieper, M.J.C., van der Steen, J.T. & Achterberg, W.P. 2016. Characteristics Associated with Quality of Life in

- Long-Term Care Residents with Dementia: A Cross-Sectional Study. *Dementia and Geriatric Cognitive Disorders*. 42(3-4):186–197.
- Knierim, J.J., 2015. The hippocampus. *Current Biology*, 25(23), pp.R1116-R1121.
- Koca, E., Taşkapılıoğlu, Ö. & Bakar, M. 2017. Caregiver Burden in Different Stages of Alzheimer's Disease. *Noro psikiyatri arsivi*. 54(1):82–86.
- Kovacevic, S., Rafii, M.S. & Brewer, J.B. 2009. High-throughput, Fully Automated Volumetry for Prediction of MMSE and CDR Decline in Mild Cognitive Impairment. *Alzheimer Disease & Associated Disorders*. 23(2):139–145.
- Kristina, S.A., Endarti, D., Prabandari, Y.S., Ahsan, A. and Thavorncharoensap, M., 2015. Burden of cancers related to smoking among the Indonesian population: premature mortality costs and years of potential life lost. *Asian Pacific Journal of Cancer Prevention*, 16(16), pp.6903-6908.
- Kumar, A., Singh, A. & Ekavali. 2015. A review on Alzheimer's disease pathophysiology and its management: an update. *Pharmacological Reports*. 67(2):195–203.
- Liu, C.-C., Li, C.-Y., Sun, Y. & Hu, S.C. 2019. Gender and Age Differences and the Trend in the Incidence and Prevalence of Dementia and Alzheimer's Disease in Taiwan: A 7-Year National Population-Based Study. *BioMed Research International*. 2019(119):1–12.
- Lu, J., Li, D., Li, F., Zhou, A., Wang, F., Zuo, X., Jia, J. 2011. Montreal Cognitive Assessment in Detecting Cognitive Impairment in Chinese Elderly Individuals: A Population-Based Study. *Journal of Geriatric Psychiatry and Neurology*. 24(4):184–190.
- Ma, Y., Wolters, F.J., Chibnik, L.B., Licher, S., Ikram, M.A., Hofman, A., et al. 2019. Variation in blood pressure and long-term risk of dementia: A population-based cohort study. *PLOS Medicine*. 16(11):e1002933.
- Maclaren, J., Han, Z., Vos, S.B., Fischbein, N. & Bammer, R. 2014. Reliability of brain volume measurements: A test-retest dataset. *Scientific Data*. 1(1).
- Mamonto, S., Sekeon, S.S. & Kalesaran, A.F.C. 2018. Hubungan antara status merokok dengan gangguan fungsi kognitif masyarakat desa tambun kecamatan likupang barat sebagai riset kesehatan desa. *KESMAS*. 7(4). <https://ejournal.unsrat.ac.id/index.php/kesmas/article/view/23133> Date of access: 06 Dec. 2021.
- McKhann, G.M., Knopman, D.S., Chertkow, H., Hyman, B.T., Jack, C.R., Kawas, C.H., Phelps, C.H. 2011. The diagnosis of dementia due to Alzheimer's disease: Recommendations from the National Institute on Aging-Alzheimer's Association workgroups on diagnostic guidelines for Alzheimer's disease. *Alzheimer's & Dementia*. 7(3):263–269.
- Mega, M.S., Small, G.W., Xu, M.L., Felix, J., Manese, M., Tran, N.P., Toga, A.W. 2002. Hippocampal Atrophy in Persons With Age-Associated Memory Impairment: Volumetry Within a Common Space. *Psychosomatic Medicine*. 64(3):487–492.
- Mielke, M.M., Vemuri, P. and Rocca, W.A., 2014. Clinical epidemiology of Alzheimer's disease: assessing sex and gender differences. *Clinical epidemiology*, pp.37-48.
- Miller-Thomas, M.M., Sipe, A.L., Benzinger, T.L.S., McConathy, J., Connolly, S.

- & Schwetye, K.E. 2016. Multimodality Review of Amyloid-related Diseases of the Central Nervous System. *RadioGraphics*. 36(4):1147–1163.
- Missotten, P., Squelard, G., Ylief, M., Di Notte, D., Paquay, L., De Lepeleire, J., Buntinx, F. and Fontaine, O., 2008. Relationship between quality of life and cognitive decline in dementia. *Dementia and geriatric cognitive disorders*, 25(6), pp.564-572.
- Mondragón, J.D., Celada-Borja, C., Barinagarrementeria-Aldatz, F., Burgos-Jaramillo, M. & Barragán-Campos, H.M. 2016. Hippocampal Volumetry as a Biomarker for Dementia in People with Low Education. *Dementia and Geriatric Cognitive Disorders Extra*. 6(3):486–499.
- Morey, R.A., Petty, C.M., Xu, Y., Hayes, J.P., Wagner, H.R., Lewis, D.V. *et al.* 2009. A comparison of automated segmentation and manual tracing for quantifying hippocampal and amygdala volumes. *Neuroimage* 45, pp. 855-866.
- Moyle, W., Fetherstonhaugh, D., Greben, M., Beattie, E., and AusQoL group, 2015, Influencers of Quality of Life as Reported by People Living with Dementia in Long-Term Care: a Descriptive Exploratory Approach, *BMC Geriatrics*, 15: 50, DOI 10.1186/s12877-015-0050-z.
- Moyle, W., Venturto, L., Griffiths, S., Grimbeek, P., McAllister, M., Oxlade, D. and Murfield, J., 2011. Factors influencing quality of life for people with dementia: a qualitative perspective. *Aging & mental health*, 15(8), pp.970-977.
- Mulhern, B., Rowen, D., Brazier, J., Smith, S., Romeo, R., Tait, R., Banerjee, S. 2013. Development of DEMQOL-U and DEMQOL-PROXY-U: generation of preference-based indices from DEMQOL and DEMQOL-PROXY for use in economic evaluation. *Health Technology Assessment*. 17(5):1–140.
- Navarro, V., Sanchez-Mejias, E., Jimenez, S., Muñoz-Castro, C., Sanchez-Varo, R., Davila, J.C., Vizuite, M., Gutierrez, A. and Vitorica, J., 2018. Microglia in Alzheimer's disease: activated, dysfunctional or degenerative. *Frontiers in aging neuroscience*, 10, p.140.
- Ninomiya, T., 2019. Epidemiological evidence of the relationship between diabetes and dementia. *Diabetes Mellitus: A risk factor for Alzheimer's Disease*, pp.13-25.
- Norfray, J.F. & Provenzale, J.M. 2004. Alzheimer's Disease: Neuropathologic Findings and Recent Advances in Imaging. *American Journal of Roentgenology*. 182(1):3–13.
- O'Donnell, C.A., Manera, V., Köhler, S. & Irving, K. 2015. Promoting modifiable risk factors for dementia: is there a role for general practice? *British Journal of General Practice*. 65(640):567–568.
- Ondrejčák, T., Klyubin, I., Hu, N.-W., Barry, A.E., Cullen, W.K. & Rowan, M.J. 2009. Alzheimer's Disease Amyloid β -Protein and Synaptic Function. *NeuroMolecular Medicine*. 12(1):13–26.
- Otuyama, L.J., Oliveira, D., Locatelli, D., Machado, D. de A., Noto, A.R., Galduróz, J.C.F. Ferri, C.P. 2019. Tobacco smoking and risk for dementia: evidence from the 10/66 population-based longitudinal study. *Aging & Mental Health*. 1(10):1–11.

- Peavy, G.M., Jacobson, M.W., Salmon, D.P., Gamst, A.C., Patterson, T.L., Goldman, S., Mills, P.J., Khandrika, S. and Galasko, D., 2012. The influence of chronic stress on dementia-related diagnostic change in older adults. *Alzheimer disease and associated disorders*, 26(3), p.260.
- Peng, G.-P., Feng, Z., He, F.-P., Chen, Z.-Q., Liu, X.-Y., Liu, P., et al. 2014. Correlation of Hippocampal Volume and Cognitive Performances in Patients with Either Mild Cognitive Impairment or Alzheimer's disease. *CNS Neuroscience & Therapeutics*. 21(1):15–22.
- Perl, D.P. 2010. Neuropathology of Alzheimer's Disease. *Mount Sinai Journal of Medicine: A Journal of Translational and Personalized Medicine*. 77(1):32–42.
- Petersen, R. 2009. Early Diagnosis of Alzheimers Disease: Is MCI Too Late? *Current Alzheimer Research*. 6(4):324–330.
- Perhimpunan Dokter Spesialis Saraf Indonesia, 2016, *Panduan Praktik Klinik Demensia*. Jakarta: Perhimpunan Dokter Spesialis Saraf Indonesia.
- Perlaki, G., Orsi, G., Plozer, E., Altbacker, A., Darnai, G., Nagy, S.A., Horvath, R., Toth, A., Doczi, T., Kovacs, N. and Bogner, P., 2014. Are there any gender differences in the hippocampus volume after head-size correction? A volumetric and voxel-based morphometric study. *Neuroscience letters*, 570, pp.119-123
- Prince, M., Comas-Harrera, A., Knapp, M., Guerchet, M., Karagiannidou, M., 2016, *World Alzheimer Report 2016*, Alzheimer's Disease International.
- Ready, R.E., Ott, B.R., Grace, J. & Fernandez, I. 2002. The Cornell-Brown Scale for Quality of Life in Dementia. *Alzheimer Disease & Associated Disorders*. 16(2):109–115.
- Rechnitz, O., Slutsky, I., Morris, G. & Derdikman, D. 2021. Hippocampal sub-networks exhibit distinct spatial representation deficits in Alzheimer's disease model mice. *Current Biology*. 31(15):3292-3302.e6.
- Reitz, C., 2012. Dyslipidemia and dementia: current epidemiology, genetic evidence, and mechanisms behind the associations. *Journal of Alzheimer's disease*, 30(s2), pp.S127-S145.
- Resnick, B., Galik, E., Kolanowski, A., Van Haitsma, K., Boltz, M., Ellis, J., Flanagan, N.M. 2018. Reliability and Validity Testing of the Quality of Life in Late-Stage Dementia Scale. *American Journal of Alzheimer's Disease & Other Dementias®*. 33(5):277–283.
- Ritter, A., Hawley, N., Banks, S.J. & Miller, J.B. 2017. The Association between Montreal Cognitive Assessment Memory Scores and Hippocampal Volume in a Neurodegenerative Disease Sample. *Journal of Alzheimer's Disease*. 58(3):695–699.
- Robinson, L., Tang, E. & Taylor, J.-P. 2015. Dementia: timely diagnosis and early intervention. *BMJ*. 350(jun15 14):h3029–h3029.
- Rocca, W.A. and Henderson, V.W., 2014. Is there a link between gynecologic surgeries and Alzheimer disease?. *Neurology*, 82(3), pp.196-197.
- Rocca, W.A., Mielke, M.M., Vemuri, P. and Miller, V.M., 2014. Sex and gender differences in the causes of dementia: a narrative review. *Maturitas*, 79(2), pp.196-201.

- Sachdev, P.S., Chen, X., Joscelyne, A., Wen, W., Altendorf, A. and Brodaty, H., 2007. Hippocampal size and dementia in stroke patients: the Sydney stroke study. *Journal of the neurological sciences*, 260(1-2), pp.71-77.
- Salat, D.H., Williams, V.J., Leritz, E.C., Schnyer, D.M., Rudolph, J.L., Lipsitz, L.A., McGlinchey, R.E. and Milberg, W.P., 2012. Inter-individual variation in blood pressure is associated with regional white matter integrity in generally healthy older adults. *Neuroimage*, 59(1), pp.181-192.
- Sarazin, M., Berr, C., De Rotrou, J., Fabrigoule, C., Pasquier, F., Legrain, S., Dubois, B. 2007. Amnesic syndrome of the medial temporal type identifies prodromal AD: A longitudinal study. *Neurology*. 69(19):1859–1867.
- Sari, R.V., Kuswardhani, R.T., Aryana, I.G.P.S., Purnami, R., Putrawan, I.B. & Astika, I.N. 2019. Hubungan hipertensi terhadap gangguan kognitif pada lanjut usia di panti werdha wana seraya Denpasar. *Jurnal Penyakit Dalam Udayana*. 3(1):14–17.
- Schmidt, M.F., Storrs, J.M., Freeman, K.B., Jack, C.R., Turner, S.T., Griswold, M.E. *et al.* 2018. A comparison of manual tracing and FreeSurfer for estimating hippocampal volume over the adult lifespan. *Human Brain Mapping*, 39(6), pp.2500-2513.
- Smith, S.C., Lamping, D.L., Banerjee, S., Harwood, R., Foley, B., Smith, P., Cook, J.C., Murray J., Prince M., Levin E., Mann A., Knapp. M., 2005, Measurement of Health-Related Quality of Life for People With Dementia: Development of A New Instrument (DEMQOL) and An Evaluation of Current Methodology, *Health Technology Assessment*, Vol 9: No.10.
- Solomon, N. 2021. *Kenhub*. *Kenhub*.
<https://www.kenhub.com/en/library/anatomy/hippocampus-structure-and-functions>.
- Sousa, M.F.B., Santos, R.L., Arcoverde, C., Simões, P., Belfort, T., Adler, I., Dourado, M.C.N. 2013. Quality of life in dementia: the role of non-cognitive factors in the ratings of people with dementia and family caregivers. *International Psychogeriatrics*. 25(7):1097–1105.
- Souza-Talarico, J.N., Chaves, E.C., Lupien, S.J., Nitrini, R. and Caramelli, P., 2010. Relationship between cortisol levels and memory performance may be modulated by the presence or absence of cognitive impairment: evidence from healthy elderly, mild cognitive impairment and Alzheimer's disease subjects. *Journal of Alzheimer's disease*, 19(3), pp.839-848.
- Sperling, R. & Johnson, K. 2010. Pro: Can biomarkers be gold standards in Alzheimer's disease? *Alzheimer's Research & Therapy*. 2(3):17.
- Surendranathan, A. 2019. *Dementia and the brain*.
https://www.alzheimers.org.uk/sites/default/files/migrate/downloads/factsheet_dementia_and_the_brain.pdf.
- Suriastini, N.W., Turana, Y., Supraptilah, B., Wicaksono, T.Y. & Mulyanto, E.D. 2021. Prevalence and Risk Factors of Dementia and Caregiver's Knowledge of the Early Symptoms of Alzheimer's Disease. *Aging Medicine and Healthcare*. 11(2):60–66.
- Takai, M., Takahashi, M., Iwamitsu, Y., Ando, N., Okazaki, S., Nakajima, K., Oishi, S. and Miyaoka, H., 2009. The experience of burnout among home

- caregivers of patients with dementia: Relations to depression and quality of life. *Archives of gerontology and geriatrics*, 49(1), pp.e1-e5.
- Tasker, J.G. & Herman, J.P. 2011. Mechanisms of rapid glucocorticoid feedback inhibition of the hypothalamic–pituitary–adrenal axis. *Stress*. 14(4):398–406.
- Tran, T.T., Srivareerat, M., Alhaider, I.A. & Alkadhi, K.A. 2011. Chronic psychosocial stress enhances long-term depression in a subthreshold amyloid- beta rat model of Alzheimer’s disease. *Journal of Neurochemistry*. 119(2):408–416.
- Van der Lijn, F., den Heijer, T., Breteler, M.M.B. & Niessen, W.J. 2008. Hippocampus segmentation in MR images using atlas registration, voxel classification, and graph cuts. *NeuroImage*. 43(4):708–720.
- Vidyanti, A.N., Hardhantyo, M., Wiratama, B.S., Prodjohardjono, A. & Hu, C.-J. 2020. Obesity Is Less Frequently Associated with Cognitive Impairment in Elderly Individuals: A Cross-Sectional Study in Yogyakarta, Indonesia. *Nutrients*. 12(2):367.
- Vijayakumar, A. & Vijayakumar, A. 2012. Comparison of Hippocampal Volume in Dementia Subtypes. *ISRN Radiology*. 2013(902).
- Wahlund, L.O., Westman, E., van Westen, D., Wallin, A., Shams, S., Cavallin, L. *et al.* 2017. Imaging biomarkers of dementia: recommended visual rating scales with teaching cases. *Insights into Imaging*, 8(1), pp.79-90.
- Wanamaker, B.L., Swiger, K.J., Blumenthal, R.S. and Martin, S.S., 2015. Cholesterol, statins, and dementia: what the cardiologist should know. *Clinical cardiology*, 38(4), pp.243-250
- Wee, J., Sukudom, S., Bhat, S., Marklund, M., Peiris, N.J., Hoyos, C.M., Patel, S., Naismith, S.L., Dwivedi, G. and Misra, A., 2023. The relationship between midlife dyslipidemia and lifetime incidence of dementia: A systematic review and meta-analysis of cohort studies. *Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring*, 15(1), p.e12395.
- Weintraub, D., Dietz, N., Duda, J.E., Wolk, D.A., Doshi, J., Xie, S.X., Siderowf, A. 2012. Alzheimer’s disease pattern of brain atrophy predicts cognitive decline in Parkinson’s disease. *Brain*. 135(1):170–180.
- WHO. 2017. *Statistik tentang Demensia - Alzheimer Indonesia*. [alzi.or.id](https://alzi.or.id/statistik-tentang-demensia/). <https://alzi.or.id/statistik-tentang-demensia/>.
- Williamson, J., Petraliad, R.S., Wang, Y.-X., Mattson, M.P. & Yao, P.J. 2017. Purine Biosynthesis Enzymes in Hippocampal Neurons. *NeuroMolecular Medicine*. 19(4):518–524.
- World Health Organisation. 2021. *Dementia*. *Who.int*. World Health Organization: WHO. <https://www.who.int/news-room/fact-sheets/detail/dementia>.
- Wrigglesworth, J., Ward, P., Harding, I.H., Nilaweera, D., Wu, Z., Woods, R.L., *et al.* 2021. Factors associated with brain ageing - a systematic review. *BMC Neurology*. 21(1).
- Yassa, M.A. 2019. hippocampus | Definition, Location, Function, & Facts | Britannica. In: *Encyclopædia Britannica*. <https://www.britannica.com/science/hippocampus>.
- Yin, X., Liu, C., Gui, L., Zhao, L., Zhang, J., Wei, L., Wang, J. 2014. Comparison of Medial Temporal Measures between Binswanger’s Disease and

Alzheimer's Disease. *PLoS ONE*. 9(1):e86423.

Zheng, F., Cui, D., Zhang, L., Zhang, S., Zhao, Y., Liu, X., Qiu, J. 2018. The Volume of Hippocampal Subfields in Relation to Decline of Memory Recall Across the Adult Lifespan. *Frontiers in Aging Neuroscience*. 10(213).

Zhong, G., Wang, Y., Zhang, Y., Guo, J.J. and Zhao, Y., 2015. Smoking is associated with an increased risk of dementia: a meta-analysis of prospective cohort studies with investigation of potential effect modifiers. *PloS one*, 10(3), p.e0118333.