

## DAFTAR PUSTAKA

1. Park, D. C., & Yeo, S. G. (2013). Aging. *Korean Journal of Audiology*, 17(2), 39–44. <https://doi.org/10.7874/kja.2013.17.2.39>
2. World Health Organization. (2021). *Ageing and health*. <https://www.who.int/news-room/fact-sheets/detail/ageing-and-health>
3. Badan Pusat Statistik. (2021). *Statistik Penduduk Lanjut Usia 2021*.
4. Maylasari, I. et al. (2019). *Statistik Penduduk Lanjut Usia 2019*. Jakarta: Badan Pusat Statistik.
5. Evans, I. E. M., Llewellyn, D. J., Matthews, F. E., Woods, R. T., Brayne, C., Clare, L., Clarra, L., Windle, G., Burholt, V., Philips, J., McCracken, C., & Bennett, K. (2019). Social isolation, cognitive reserve, and cognition in healthy older people. *PLoS ONE*, 13(8). <https://doi.org/10.1371/journal.pone.0201008>
6. Murman D. L. (2015). The Impact of Age on Cognition. *Seminars in hearing*, 36(3), 111–121. <https://doi.org/10.1055/s-0035-1555115>
7. Cummings, J., Ritter, A., & Rothenberg, K. (2019). Advances in Management of Neuropsychiatric Syndromes in Neurodegenerative Diseases. In *Current Psychiatry Reports* (Vol. 21, Issue 8). Current Medicine Group LLC 1. <https://doi.org/10.1007/s11920-019-1058-4>
8. Woo, M. T., Davids, K., Liukkonen, J., Chow, J. Y., & Jaakkola, T. (2017). Falls, Cognitive Function, and Balance Profiles of Singapore Community-Dwelling Elderly Individuals: Key Risk Factors. *Geriatric Orthopaedic Surgery & Rehabilitation*, 8(4), 256–262. <https://doi.org/10.1177/2151458517745989>
9. Zhang, W., Low, L. F., Schwenk, M., Mills, N., Gwynn, J. D., & Clemson, L. (2019). Review of Gait, Cognition, and Fall Risks with Implications for Fall Prevention in Older Adults with Dementia. In *Dementia and Geriatric Cognitive Disorders* (Vol. 48, Issues 1–2, pp. 17–29). S. Karger AG. <https://doi.org/10.1159/000504340>
10. Nurmalasari, M., Widajanti, N., & Dharmanta, R. S. (2018). Hubungan Riwayat Jatuh dan Timed Up and Go Test pada Pasien Geriatri Correlation between

- History of Fall and Timed Up and Go Test in Geriatric. In *Jurnal Penyakit Dalam Indonesia* | (Vol. 5, Issue 4).
11. Ibrahim, A., Singh, D. K. A., & Shahr, S. (2017). 'Timed Up and Go' test: Age, gender and cognitive impairment stratified normative values of older adults. *PLoS ONE*, 12(10). <https://doi.org/10.1371/journal.pone.0185641>
  12. Centers for Disease Control and Prevention. (2017). *STEADI - Older Adult Fall Prevention* | CDC. <https://www.cdc.gov/steady/>
  13. Kemenkes. (2015). *Peraturan Menteri Kesehatan Republik Indonesia Nomor 67 Tahun 2015*. <https://persi.or.id/wp-content/uploads/2020/11/pmk672015.pdf>
  14. Alvis, B. D., & Hughes, C. G. (2015). Physiology Considerations in Geriatric Patients. In *Anesthesiology Clinics* (Vol. 33, Issue 3, pp. 447–456). W.B. Saunders. <https://doi.org/10.1016/j.anclin.2015.05.003>
  15. Khan, S. S., Singer, B. D., & Vaughan, D. E. (2017). Molecular and physiological manifestations and measurement of aging in humans. In *Aging Cell* (Vol. 16, Issue 4, pp. 624–633). Blackwell Publishing Ltd. <https://doi.org/10.1111/accel.12601>
  16. Nugroho T, P. F. (2021). Analisis Perbedaan Fungsi Kognitif pada Lansia antara Sebelum dan Sesudah Dilakukan Senam Vitalisasi Otak. *Healthy Journal*, IX.
  17. World Health Organization. (2021). *Falls*. <https://www.who.int/news-room/fact-sheets/detail/falls>
  18. Kelso, I. G. (2021, November 14). *Cognitive Assessment*. <https://www.ncbi.nlm.nih.gov/books/NBK556049/>
  19. Gómez-Gómez, M. E., & Zapico, S. C. (2019). Frailty, cognitive decline, neurodegenerative diseases and nutrition interventions. In *International Journal of Molecular Sciences* (Vol. 20, Issue 11). MDPI AG. <https://doi.org/10.3390/ijms20112842>
  20. Dhakal, A., & Bobrin, B. D. (2021). *Cognitive Deficits - StatPearls - NCBI Bookshelf*. StatPearls. <https://www.ncbi.nlm.nih.gov/books/NBK559052/>

21. Morley, J. E., Morris, J. C., Berg-Weger, M., Borson, S., Carpenter, B. D., del Campo, N., Dubois, B., Fargo, K., Fitten, L. J., Flaherty, J. H., Ganguli, M., Grossberg, G. T., Malmstrom, T. K., Petersen, R. D., Rodriguez, C., Saykin, A. J., Scheltens, P., Tangalos, E. G., Verghese, J., ... Vellas, B. (2015). Brain Health: The Importance of Recognizing Cognitive Impairment: An IAGG Consensus Conference. *Journal of the American Medical Directors Association, 16*(9), 731–739. <https://doi.org/10.1016/j.jamda.2015.06.017>
22. Pais, R., Ruano, L., Carvalho, O. P., & Barros, H. (2020). Global cognitive impairment prevalence and incidence in community dwelling older adults—a systematic review. In *Geriatrics (Switzerland)* (Vol. 5, Issue 4, pp. 1–16). MDPI AG. <https://doi.org/10.3390/geriatrics5040084>
23. Owens, D. K., Davidson, K. W., Krist, A. H., Barry, M. J., Cabana, M., Caughey, A. B., Doubeni, C. A., Epling, J. W., Kubik, M., Landefeld, C. S., Mangione, C. M., Pbert, L., Silverstein, M., Simon, M. A., Tseng, C. W., & Wong, J. B. (2020). Screening for Cognitive Impairment in Older Adults: US Preventive Services Task Force Recommendation Statement. *JAMA - Journal of the American Medical Association, 323*(8), 757–763. <https://doi.org/10.1001/jama.2020.0435>
24. Murman, D. L. (2015). The Impact of Age on Cognition. *Seminars in Hearing, 36*(3), 111. <https://doi.org/10.1055/S-0035-1555115>
25. Harvey, P. D. (2019). Domains of cognition and their assessment. *Dialogues in Clinical Neuroscience, 21*(3), 227–237. <https://doi.org/10.31887/DCNS.2019.21.3/pharvey>
26. Glisky, E. L. (2007). *Changes in Cognitive Function in Human Aging - Brain Aging* - NCBI Bookshelf. <https://www.ncbi.nlm.nih.gov/books/NBK3885/#ch1.s2>
27. Netter, F. H. (2013). *The Netter Collection of Medical Illustrations: Nervous System, Part I: Brain* (2nd ed., Vol. 7). Elseiver.
28. Petersen, R. C. (2016). *Mild Cognitive Impairment*. [www.ContinuumJournal.com](http://www.ContinuumJournal.com)

29. Jongsiriyanyong, S., & Limpawattana, P. (2018). Mild Cognitive Impairment in Clinical Practice: A Review Article. In *American Journal of Alzheimer's Disease and other Dementias* (Vol. 33, Issue 8, pp. 500–507). SAGE Publications Inc. <https://doi.org/10.1177/1533317518791401>
30. Rilianto, B. (2015). *Mild Cognitive Impairment (MCI): Transisi dari Penuaan Normal Menjadi Alzheimer*. 42, 341.
31. Anderson, N. D. (2019). State of the science on mild cognitive impairment (MCI). In *CNS Spectrums* (Vol. 24, Issue 1, pp. 78–87). Cambridge University Press. <https://doi.org/10.1017/S1092852918001347>
32. Emmady, P. D., & Tadi, P. (2022). Dementia. *StatPearls*. <https://www.ncbi.nlm.nih.gov/books/NBK557444/>
33. Duong, S., Patel, T., & Chang, F. (2017). Dementia: What pharmacists need to know. *Canadian Pharmacists Journal*, 150(2), 118–129. <https://doi.org/10.1177/1715163517690745>
34. Arvanitakis, Z., Shah, R. C., & Bennett, D. A. (2019). Diagnosis and Management of Dementia: Review. *JAMA - Journal of the American Medical Association*, 322(16), 1589–1599. <https://doi.org/10.1001/jama.2019.4782>
35. Center for Disease Control and Prevention. (2020). *What is Alzheimer's Disease?* CDC. <https://www.cdc.gov/aging/aginginfo/alzheimers.htm#AlzheimersDisease?>
36. Chopp, M., & Chen, J. (2015). Models and mechanisms of vascular dementia. In *Experimental Neurology* (Vol. 272, pp. 97–108). Academic Press Inc. <https://doi.org/10.1016/j.expneurol.2015.05.006>
37. Khan, M. W., Javalkar, V., Toledo, E. G., & Kelley, R. E. (2021). Emerging Concepts in Vascular Dementia: A Review. In *Journal of Stroke and Cerebrovascular Diseases* (Vol. 30, Issue 8). W.B. Saunders. <https://doi.org/10.1016/j.jstrokecerebrovasdis.2021.105864>
38. Ramos, A. R., Dib, S. I., Wright, C. B., & Author, C. (2013). Vascular Dementia. *Curr Transl Geriatr Exp Gerontol Rep*, 1350(3), 3–4.

39. Cholerton, B., Baker, L. D., Montine, T. J., & Craft, S. (2016). Type 2 diabetes, cognition, and dementia in older adults: Toward a precision health approach. *Diabetes Spectrum*, 29(4), 210–219. <https://doi.org/10.2337/ds16-0041>
40. Ravona-Springer, R., & Schnaider-Beerli, M. (2011). The association of diabetes and dementia and possible implications for nondiabetic populations. In *Expert Review of Neurotherapeutics* (Vol. 11, Issue 11, pp. 1609–1617). <https://doi.org/10.1586/ern.11.152>
41. Appeadu, M. K., & Gupta, V. (2022). Postural Instability. *Encyclopedia of Neuroscience*, 3219–3219. [https://doi.org/10.1007/978-3-540-29678-2\\_4710](https://doi.org/10.1007/978-3-540-29678-2_4710)
42. Moraes, D. C., Lenardt, M. H., Seima, M. D., Mello, B. H. de, Setoguchi, L. S., & Setlik, C. M. (2019). Postural instability and the condition of physical frailty in the elderly. *Revista Latino-Americana de Enfermagem*, 27. <https://doi.org/10.1590/1518-8345.2655-3146>
43. Melzer, I., Benjuya, N., & Kaplanski, J. (2004). Postural stability in the elderly: A comparison between fallers and non-fallers. *Age and Ageing*, 33(6), 602–607. <https://doi.org/10.1093/ageing/afh218>
44. Ludwig, O., Kelm, J., Hammes, A., Schmitt, E., & Fröhlich, M. (2020). Neuromuscular performance of balance and posture control in childhood and adolescence. *Heliyon*, 6(7). <https://doi.org/10.1016/j.heliyon.2020.e04541>
45. Widagdo, T. M., Rianto, N., Restyandito, & Kurniawan, E. (2021). Correlates of visuospatial ability among older people in Indonesia. *Indian Journal of Community Medicine*, 46(4), 614–617. [https://doi.org/10.4103/ijcm.IJCM\\_526\\_20](https://doi.org/10.4103/ijcm.IJCM_526_20)
46. Kipps, C. M., & Hodges, J. R. (2005). Cognitive assessment for clinicians. In *Neurology in Practice* (Vol. 76, Issue 1). <https://doi.org/10.1136/jnnp.2004.059758>
47. Shaji, K. S., Sivakumar, P. T., Rao, G. P., & Paul, N. (2018). Clinical Practice Guidelines for Management of Dementia. *Indian Journal of Psychiatry*, 60(Suppl 3), S312. <https://doi.org/10.4103/0019-5545.224472>
48. Nardelli, S., Gioia, S., Ridola, L., Carlin, M., Cioffi, A. D., Merli, M., Spagnoli, A., & Riggio, O. (2022). Risk of falls in patients with cirrhosis evaluated by

- timed up and go test: Does muscle or brain matter more? *Digestive and Liver Disease*, 54(3), 371–377. <https://doi.org/10.1016/j.dld.2021.06.019>
49. Jeong, S. M., Shin, D. W., Han, K., Jung, J. H., Chun, S., Jung, H. W., & Son, K. Y. (2019). Timed up-and-go test is a useful predictor of fracture incidence. *Bone*, 127, 474–481. <https://doi.org/10.1016/j.bone.2019.07.018>
50. Nakhostin-Ansari, A., Naghshtabrizi, N., Naghdi, S., Ghafouri, M., Khalifeloo, M., Mohammadzadeh, M., Vezvaei, P., & Nakhostin Ansari, N. (2022). Normative values of functional reach test, single-leg stance test, and timed “UP and GO” with and without dual-task in healthy Iranian adults: A cross-sectional study. *Annals of Medicine and Surgery*, 104053. <https://doi.org/10.1016/j.amsu.2022.104053>
51. Caronni, A., Picardi, M., Aristidou, E., Antoniotti, P., Pintavalle, G., Redaelli, V., Sterpi, I., & Corbo, M. (2019). How do patients improve their timed up and go test? Responsiveness to rehabilitation of the TUG test in elderly neurological patients. *Gait and Posture*, 70, 33–38. <https://doi.org/10.1016/j.gaitpost.2019.02.010>
52. Cardon-Verbecq, C., Loustau, M., Guitard, E., Bonduelle, M., Delahaye, E., Koskas, P., & Raynaud-Simon, A. (2017). Predicting falls with the cognitive timed up-and-go dual task in frail older patients. *Annals of Physical and Rehabilitation Medicine*, 60(2), 83–86. <https://doi.org/10.1016/j.rehab.2016.07.003>
53. Phu, S., Kirk, B., & Duque, G. (2019). Postural instability-balance, posture and gait. In *Encyclopedia of Biomedical Gerontology* (pp. 64–76). Elsevier. <https://doi.org/10.1016/B978-0-12-801238-3.11431-X>
54. Flint, B., & Tadi, P. (2021). Physiology, Aging. *StatPearls*. <https://www.ncbi.nlm.nih.gov/books/NBK556106/>
55. Amatullah, Y., Sastradimaja, S. B., Dwipa, L., & Sadikin, H. (2016). Intrinsic Risk Factors of Falls in Elderly. In *Althea Medical Journal* (Vol. 3, Issue 3).
56. Novita, O. (2020). *HUBUNGAN FUNGSI KOGNITIF DENGAN RISIKO JATUH PADA PASIEN LANJUT USIA*.

57. Aninditha T, H. S. W. W. (2022). *Buku Ajar Neurologi Edisi Kedua* (2nd ed., Vol. 2). Departemen Neurologi Fakultas Kedokteran Universitas Indonesia.
58. Akbar, N. L., Effendy, E., & Camellia, V. (2019). The Indonesian Version of Montreal Cognitive Assessment (MoCA-Ina): The Difference Scores Between Male Schizophrenia Prescribed by Risperidone and Adjunctive of Donepezil in Public Hospital of Dr Pirngadi Medan, Indonesia. *Open Access Macedonian Journal of Medical Sciences*, 7(11), 1762–1767. <https://doi.org/10.3889/oamjms.2019.461>
59. Pramadita, A. P., Wati, A. P., & Muhartomo, H. (2019). Hubungan Fungsi Kognitif dengan Gangguan Keseimbangan Postural pada Lansia. *Jurnal Kedokteran Diponegoro*, 8(2).
60. Koyama, A. K., Tworoger, S. S., Eliassen, A. H., Okereke, O. I., Weisskopf, M. G., Rosner, B., Yaffe, K., & Grodstein, F. (2016). Endogenous sex hormones and cognitive function in older women. *Alzheimer's and Dementia*, 12(7), 758–765. <https://doi.org/10.1016/j.jalz.2015.12.010>
61. Parisi, J. M., Rebok, G. W., Xue, Q. L., Fried, L. P., Seeman, T. E., Tanner, E. K., Gruenewald, T. L., Frick, K. D., & Carlson, M. C. (2012). The role of education and intellectual activity on cognition. *Journal of Aging Research*, 2012. <https://doi.org/10.1155/2012/416132>
62. Shen, S., He, T., Chu, J., He, J., & Chen, X. (2015). Uncontrolled hypertension and orthostatic hypotension in relation to standing balance in elderly hypertensive patients. *Clinical Interventions in Aging*, 10, 897–906. <https://doi.org/10.2147/CIA.S81283>
63. acar, S., Demİrbüken, İ., algun, C., Malkoç, mehtap, & Tekİn, nil. (n.d.). *Is hypertension a risk factor for poor balance control in elderly adults?*