

## DAFTAR PUSTAKA

1. Pustil R. Global AIDS. *Aids*. 2016; 17:1-13.
2. Ditjen P2P Kementerian Kesehatan RI. Final Laporan HIV AIDS Triwulan I Tahun 2016. 2016; hlm 1-136.
3. Harezlak J, Buchthal S, Taylor M, Schifitto G, Zhong J, Daar ES, et al. Persistence of HIV-associated cognitive impairment, inflammation, and neuronal injury in era of highly active antiretroviral treatment. *AIDS*. 2011; 25(5):625–633. doi:10.1097/QAD.0b013e3283427da7.
4. Sattler FR, He J, Letendre S, Wilson C, Sanders C, Heaton R, et al. Abdominal Obesity Contributes to Neurocognitive Impairment in HIV-Infected Patients With Increased Inflammation and Immune Activation. *J. Acquir. Immune Defic. Syndr.* 2015; 68(3):281–288. Doi: 10.1097/QAI.0000000000000458.
5. Fitri FI, Rambe AS, Fitri A. Higher plasma CD4 lymphocyte count correlates with better cognitive function in human immunodeficiency virus-acquired immunodeficiency sy. *ICTROMI*. 2018; 125: 1-6. Doi :10.1088/1755-1315/125/1/012030.
6. Childs E, Lyles RH, Selnes OA, Chen B, Miller EN, Cohen BA, et al. Plasma viral load and CD4 lymphocytes predict HIV-associated dementia and sensory neuropathy. *Neurology*. 1999; 52(3): 607-613.
7. Valcour V, Yee P, Williams AE, Shiramizu B, Watters M, Selnes O, et al. Lowest ever CD4 lymphocyte count (CD4 nadir) as a predictor of current cognitive and neurological status in human immunodeficiency virus type 1 infection - The Hawaii aging with HIV cohort. *Journal of NeuroVirolog*. 2016; 12(5): 387–391. Doi: 10.1080/13550280600915339.
8. Nasreddine ZS, Phillips NA, Bedirian V, Charbonneau S, Whitehead V, Collin S, et al. The Montreal Cognitive Assessment, MoCA: a brief screening tool for mild cognitive impairment. *Journal of American Geriatrics Society*. 2005; 53(4): 695–699. Doi:10.1111/j.1532-5415.2005.53221.x.
9. Hidayati AN, Barakbah. J. Informasi Dasar Infeksi Human Immunodeficiency Virus (HIV) dan Acquired Immunodeficiency Syndrome (AIDS). Dalam Hidayati AN, Daili SF, Niode NJ, Indriatmi W, Budiono SE, Barakbah J, Editor. Jakarta : FKUI, 2018.
10. Suryono, Nasronudin, 2014. Clinical Description and Diagnosis of HIV / AIDS. *Indonesian Journal of Tropical and Infectious Disease* 5(1): 23–27.
11. Djoerban Z, Samsuridjal D. HIV/AIDS Di Indonesia. Dalam Setiati S, Alwi I, Sudaya AW, Simadibrata M, Setiyahadi B, Syam AF, Editor. *Buku Ajar Ilmu Penyakit Dalam*. Edisi keenam. Jakarta: InternaPublishing, 2014. hlm 887-897.
12. Maartens G, Celum C, Lewin SR. HIV infection: Epidemiology, pathogenesis, treatment, and prevention. *Lancet*. 2014; 384: 258–271. Doi: 10.1016/S0140-6736(14)60164-1.
13. Deeks SG, Overbaugh J, Phillips A, Buchbinder S. HIV infection. *Nature Reviews Disease Primer*. 2015; 1: 1-22. Doi: 10.1038/nrdp.2015.35.

14. An P, Winkler CA. Host genes associated with HIV/AIDS: advances in gene discovery. *Trends in Genetics*. 2010; 26: 119–131. Doi:10.1016/j.tig.2010.01.002.
15. Kemenkes. Peraturan Menteri Kesehatan Republik Indonesia Nomor 87 Tahun 2014 Tentang Pedoman Pengobatan Antiretroviral. hlm 1-121. 2014.
16. Kementerian Kesehatan Republik Indonesia. Penatalaksanaan Orang Dengan HIV AIDS (ODHA) Untuk Eliminasi HIV AIDS Tahun 2030. 2018.
17. Luckheeram RV, Zhou R, Verma AD, Xia B. CD4+T cells: Differentiation and functions. *Clinical and Developmental Immunology*. 2012; 2012:1-12. Doi: 10.1155/2012/925135.
18. Zhu, J. & Paul, W. E. CD4 T cells : fates , functions , and faults ASH 50th anniversary review CD4 T cells : fates , functions , and faults. *Blood*. 2009; 112(5): 1557–1569. Doi:10.1182/blood-2008-05-078154.
19. Corthay A. How do regulatory t cells work?. *Scandinavian Journal of Immunology*. 2009; 70(4): 326–336. doi: 10.1111/j.1365-3083.2009.02308.x.
20. Wijoto, Poerwadi T. Gangguan Neurobehaviour. Dalam Machfoed MH, Hamdan M, Machin A, Islamiyah WR, Editor. *Buku Ajar Ilmu Penyakit Saraf*, edisi pertama. Surabaya: Airlangga University Press, 2011. hlm 49-80.
21. Heyanka DJ, MacKelprang JL, Golden CJ, Marke CD. Distinguishing Alzheimer's disease from vascular dementia: An exploration of five cognitive domains. *International Journal of Neuroscience*. 2010; 120(6): 409–414. Doi: 10.3109/00207451003597177.
22. Sanmarti M, Ibanez L, Huertas S, Badenes D, Dalmau D, Slevin M, et al. HIV-associated neurocognitive disorders. *Journal of Molecular Psychiatry*. 2017; 2(1):1-10. Doi: 10.1186/2049-9256-2-2.
23. Woods SP, Moore DJ, Weber E, Grant I. Cognitive neuropsychology of HIV-associated neurocognitive disorders. *Neuropsychol. Rev*. 2009; 19(2): 152–168. Doi: 10.1007/s11065-009-9102-5.
24. Rosca EC, Rosca O, Chirileanu RD, Simu M. HIV & AIDS Review Neurocognitive disorders due to HIV infection. *HIV & AIDS Review*. 2011; 10:33–37. Doi:10.1016/j.hivar.2011.02.003.
25. Elbirt D, Guri KM, Rosenberg SB, Gill H, Attali M, Asher I. HIV-associated neurocognitive disorders (HAND). *Isr. Med. Assoc. J*. 2015; 17(1): 54–59.
26. Zayyad Z, Spudich S. Neuropathogenesis of HIV: From Initial Neuroinvasion to HIV Associated Neurocognitive Disorder (HAND). *Curr. HIV/AIDS Rep*. 2015; 12(1): 16–24. Doi:10.1007/s11904-014-0255-3.
27. McArthur JC, Steiner J, Sacktor N, Nath A. Human immunodeficiency virus-associated neurocognitive disorders mind the gap. *Ann. Neurol*. 2010; 67(6): 699–714. Doi: 10.1002/ana.22053.
28. Clifford DB, Ances BM. HIV-Associated Neurocognitive Disorder (HAND). *Lancet Infect. Dis*. 2013; 13(11): 976–986. Doi: 10.1016/S1473-3099(13)70269-X.

29. Milanini B, Wendelken LA, Firidouni PE, Chartier M, Crouch PC, Valcour V. The Montreal Cognitive Assessment to Screen for Cognitive Impairment in HIV Patients Older Than 60 Years. *Journal of Acquired Immune Deficiency Syndrome*. 2014; 67(1): 67–70. Doi: 10.1097/QAI.0000000000000220.
30. Saylor D, Dickens AM, Sacktor N, Haughey N, Slusher B, Pletnikov M, et al. HIV-associated neurocognitive disorder — pathogenesis and prospects for treatment. *Nat. Rev. Neurol*. 2016; 12(4): 234–248. Doi: 10.1038/nrneurol.2016.27.
31. Cross S, Önen N, Gase A, Overton ET, Ances BM. Identifying Risk Factors for HIV-Associated Neurocognitive Disorders Using the International HIV Dementia Scale. *Journal of Neuroimmune Pharmacology*. 2013; 8(5): 1114–1122. Doi: 10.1007/s11481-013-9505-1.
32. Stern Y, McDermott P, Albert S, Palumbo D, Selnes OA, McArthur J, et al., Factors Associated With Incident Human Immunodeficiency Virus–Dementia. *Arch Neurol*. 2001; 58(3): 473-479. Doi: doi:10.1001/archneur.58.3.473.
33. Beyrer C, Abdool Karim Q. The changing epidemiology of HIV in 2013. *Curr. Opin. HIV AIDS*. 2013; 8(4): 306–310. Doi: 10.1097/COH.0b013e328361f53a.
34. Maki PM, Thormeyer EM. HIV, Cognition and Women. *Neuropsychol Rev*. 2009; 19(2): 204–214. Doi: 10.1007/s11065-009-9093-2.
35. Garrido JMF, Fernandez ML, Foltz M, Castro YR, Fernandez MVC. Cognitive Performance in Men and Women Infected with HIV-1. *Psychiatry Journal*. 2013; 2013:1-6. Doi: 10.1155/2013/382126.
36. Subica AM, Elhai JD, Sharp C, Fowler JC, Frueh BC, Kelly EL, et al., Factor structure and diagnostic validity of the Beck Depression Inventory-II with adult inpatients: comparison to a gold-standard diagnostic interview. *Psychol Assess*. 2014; 26(4):1106–1115. Doi: 10.1037/a0036998.
37. Tedaldi EM, Minniti NL, Fischer T. Review Article HIV-Associated Neurocognitive Disorders: The Relationship of HIV Infection with Physical and Social Comorbidities. *BioMed Research International*. 2015; 2015:1-13. Doi:10.1155/2015/641913.
38. Okafor CN, Kelso NE, Bryant V, Burrell II LE, Miguez MJ, Gongvatana A, et al. Body mass index, inflammatory biomarkers and neurocognitive impairment in HIV-infected persons. *Psychol. Health Med*. 2017; 22(3): 289–302. Doi: 10.1080/13548506.2016.1199887.
39. Taphoorn MJ, Klein M. Cognitive deficits in adult patients with brain tumours. *The Lancet Neurology*. 2004; 3(3): 159–168. Doi: 10.1016/S1474-4422(04)00680-5.
40. Sun JH, Tan L, Yu JT. Post-stroke cognitive impairment: epidemiology, mechanisms and management. *Ann. Transl. Med.*. 2014; 2(8): 80-91. Doi: 10.3978/j.issn.2305-5839.2014.08.05.
41. Levine AJ, Hinkin CH, Ando K, Santangelo G, Martinez M, Sueiras MV, et al. An exploratory study of long-term neurocognitive outcomes

- following recovery from opportunistic brain infections in HIV+ adults. *J. Clin. Exp. Neuropsychol.* 2010; 30: 836–843. Doi: 10.1080/13803390701819036.
42. Robertson K, Liner J, Heaton R. Neuropsychological assessment of HIV-infected populations in international settings. *Neuropsychol. Rev.* 2009; 19(2): 232–249. Doi: 10.1007/s11065-009-9096-z.
  43. Rambe AS, Fitri FI. Correlation between the Montreal Cognitive Assessment- Indonesian Version (Moca-INA) and the Mini-Mental State Examination (MMSE) in Elderly. *Open Access Maced J Med Sci. Dec Repub. Maced. Open Access Maced. J. Med. Sci.* 2017; 5(7): 915–919. Doi: 10.3889/oamjms.2017.202.
  44. Ong PA. Montreal cognitive assessment versi Indonesia (MoCA- Ina). Surabaya: Airlangga University Press, 2013.
  45. Valcour V, Shikuma C, Shiramizu B, Watters M, Poff P, Selnes O, et al. Higher frequency of dementia in older HIV-1 individuals: The Hawaii Aging with HIV-1 Cohort. *Neurology.* 2004; 63(5): 822–827.
  46. McCutchan JA, Beck JAM, FritzSimons CA, Letendre SL, Ellis RJ, Heaton RK, et al. Role of obesity, metabolic variables, and diabetes in HIV-associated neurocognitive disorder. *Neurology.* 2012; 78(7): 485–492. Doi: 10.1212/WNL.0b013e3182478d64.
  47. Ku NS, Lee Y, Ahn JY, Song JE, Kim MH, Kim SB, et al. HIV-associated neurocognitive disorder in HIV-infected Koreans : the Korean NeuroAIDS Project. *HIV Medicine.* 2014; 15(8): 470–477. Doi: 10.1111/hiv.12137.