

DAFTAR PUSTAKA

1. Soertidewi L, Misbach J. Epidemiologi stroke. In Stroke, Aspek diagnosis, patofisiologi, manajemen. Jakarta: Balai Penerbit FKUI, 2011: 1-12,307.
2. Adams RD, Victor M. Cerebrovascular disease. In Principles of Neurology, 8^{ed}. United States; 2005:661-740
3. Waters RJ, Nicoll JAR, Genetic influences on outcome following acute neurological insults. In Curr opin crit care 2005;11:105-10
4. Tamam Y, Tasdemir N, Toprak R, Tamam B, Iltumur K, Apolipoprotein E genotype in patients with cerebrovascular diseaseas and its effect on the disease outcome. International journal of Neuroscience. 2009; 119: 919-35.
5. Hagberg JM, Wilund KR, Ferrel RE. APOE gene and gene environment effects on plasma lipoprotein lipid levels. Physiol Genomics 2000;4:101-8
6. Davignon J, Gregg RE and Sing CF. Apolipoprotein E polymorphism and atherosclerosis. Arteroscler Thromb Vasc Biol 1998;8;1-21
7. Sing CF, Davignon J. Role of the apolipoprotein E polymorphism in determining normal plasma lipid and lipoprotein variation. Am J Hum Genet 1985;37:268-82
8. Couderc R, Maheux F, Baileal F, Fenelon G, Mary R, Fermenian J. Prevalence of apolipoprotein E phenotypes in ischemic cerebrovaskular disease. A case control study. Stroke.1993;24:661-664
9. Laskowitz DT, Horsburg K, Roses AD. Apolipoprotein E and the CNS response to injury. Review article, Journal of cerebral blood flow and metabolism. 1998;18:465-71
10. Mc Carron MO, Muir KW, Weir CJ, Dyker AG, Bone I, Nicoll JAR et al. The Apolipoprotein E e4 allele and outcome in Cerebrovascular disease. Stroke 1998;29:1882-87
11. McCarron MO, Muir KW, Nicoll JAR, Stewart J, Currie Y, Brown K et al. Prospective study of apolipoprotein E genotype and functional outcome following ischemic stroke.Arch Neurol. 2000;57:1480-84.
12. Treger I, Froom P, Ring H, Friedman G. Association between ApoE4 and rehabilitation outcome in hospitalised ischemic stroke patients . Arch Phys Med Rehabil. 2003 Jul;84(7):973-6.

13. Sudlow C, Gonzalez NAM, Kim J, Clark C. Does Apolipoprotein E Genotype influence the risk of ischemic stroke, intracerebral hemorrhage, or subarachnoid hemorrhage? Systematic review and meta analyses of 31 studies among 5961 cases and 17965 controls. *Stroke*. 2006;37:364-70.
14. Parvenof MG, Nikolaeva TY, Sudomoina MA, Fedorova SA, Guekht AB, Gusev EL et al Polymorphism of apolipoprotein E (APOE) and lipoprotein lipase (LPL) genes and ischaemic stroke in individuals of Yakut ethnicity. *J Neurol Sci*. 2007 Apr 15;255(1-2):42-9.
15. Gromadzka B, Baranska-Gieruszack M, Sarzynska-Dlugosz I, Cieselska A, Czlonkowska A. The APOE polymorphism and 1-year outcome in ischemic stroke: genotype gender interaction. *Acta Neurol Scand*. 2007 Dec; 116(6):392-8
16. Tamam Y, Tasdemir N, Toprak R, Tamam B, Iltumur K. Apolipoprotein E genotype in patients with cerebrovascular diseases and its effect on the disease outcome. *International Journal of Neuroscience*. 2009;119:919-35.
17. Andhitara Y. Asosiasi Genotip Gen ApoE Dengan Profil Lipid Dan Ketebalan Tunika Intima-Media Arteri Karotis Interna Pada Pasien Pasca Stroke Iskemik [thesis]. Semarang (Indonesia): Universitas Diponegoro;2011
18. Noerjanto M. Management of acute stroke: Masalah-masalah dalam diagnosis stroke akut. Semarang: Badan penerbit UNDIP; 2002: 1-2.
19. Iskandar J. Panduan praktis pencegahan dan pengobatan stroke: Stroke iskemik. Jakarta: PT Bhuna Ilmu Populer Kelompok Gramedia; 2002; 85-108.
20. Rao R, Tah V, Casas JP, Hingorani A, Whittaker J, Smeeth L, Sharma P. Ischaemic Stroke Subtypes and Their Genetic Basis: A Comprehensive Meta- Analysis of Small and Large Vessel Stroke. *Eur Neurol*; 2009;61:76-86
21. Lotspeich-Steininger CA. Introduction to hemostasis. In: Lotspeich-Steininger CA, Steine Martin EA, Koepke JA (eds). *Clinical hematology*. Philadelphia: J.B. Lippincott, 1992: 564-78.
22. Misbach J. Stroke, aspek diagnostik, patofisiologi manajemen. Jakarta: Balai Penerbit FKUI, 1999: 46-54.
23. Gusev E, Skvortsova VI. *Brain ischemia*. New York: Plenum Publishers; 2003: 21-97.

24. Sacco RL. Pathogenesis, classification, and epidemiology of cerebrovascular disease. In: Merritt's neurology 10th ed. Philadelphia: Lippincott Williams & Wilkins; 2000: 217-29.
25. Suroto. Berbagai aspek biomolekuler dari stroke iskemik akut. Dalam: Management of acute stroke. Semarang: Badan Penerbit Universitas Diponegoro; 2002: 21-35.
26. Lyden PD. The ischemic penumbra and neural salvage. In Thrombolytic therapy for stroke. New Jersey: Humana Press; 2001: 43-57.
27. Stroke Syndrome Table. Victorian Stroke Clinical Network; [updated 27th August, 2010; cited 2011, June10]; Available from: <http://www.estroke.com.au/eLearning/Stroke+Syndromes/Stroke+Syndromes+Table>.
28. Eichner JE, Dunn ST, Perveen G, Thompson DM, Stewart KE, Stroehla BC. Apolipoprotein E polymorphism and cardiovascular disease: A HuGE review. Am J Epidemiol 2002;155:487–95.
29. Mahley RW. Apolipoprotein E: cholesterol transport protein with expanding role in cell biology. Science; 1988;240: 622-30
30. Venkatramana P, Reddy PC, Ferrell RE. Apolipoprotein E Polymorphism Among the Indian Populations and its Comparison with Other Asian Populations. IJHG 2001;1(2): 123-8.
31. Harris JD, Evans V, Owen JS. Apo E gene therapy to treat hyperlipidemia and atherosclerosis. Current opinion in molecular therapeutics 2006 8(4). Genotyping and sequence analysis of apolipoprotein E isoform.
32. Reynolds D. Apolipoprotein E. [cited 1997, May] Available from : <http://wwwchem.csustan.edu/chem4400/sjbr/content97.HTM>
33. Riddell, D.; Graham, A.; Owen, J. Apolipoprotein E Inhibits Platelet Aggregation through the L- Arginine/Nitric oxide Pathway *Journal of Biological Chemistry*, 1997; Vol. 272; pg. 89-95
34. Hiekkainen H. Apolipoprotein E and recovery from traumatic brain injury [dissertation]. Turku (Finland): University of Turku; 2009.
35. Horsburgh K, McCarron MO, Whitea F, Nicollb JAR. The role of apolipoprotein E in Alzheimer's disease, acute brain injury and cerebrovascular disease: evidence of common mechanisms and utility of animal models. Neurobiology of Aging 2000;21:245–55.

36. Cramer S, Basting E. Mapping clinically relevant plasticity after stroke. *Neuropharmacology*. 2000;39(5):842-51
37. Rossini PM, Calawttic, Paun F, Baron JC. Post stroke plastic reorganization in the adult brain. *Lancet Neurol*.2003;2(8):493-502
38. Ward NS, Cohen LG. Mechanism underlying recovery of motor function after stroke. *Arch Neurol*.2004;61(12):1844-48
39. Pearson KM, Kleim JA, Cramer. Brain plasticity and genetic factors. *Top Stroke Rehabil*.2009;16(4):282-99
40. Nwosu I, Galrhe S, Struble RG, Nathan BP. Impact of ApoE deficiency during synaptic remodelling in the mouse olfactory bulb. *Neurosci lett*.200;441(3):282-85
41. White F, Nicoll JA, Roses AD, Horsburgh K. Impaired neuronal plasticity in transgenic mice expressing human apolipoprotein E4 compared to E3 in a model of entorhinal cortex lesion. *Neurobiol Dis*. 2001;8(4):611-25
42. Cramer SC, Warren M, Enney L, Sanaee N,Hancock S, Procaccio V. Polymorphisms in BDNF and ApoE relate to clinical outcome in the GAIN trials [abstract]. International Stroke Conference;2009; San Diego. *Stroke*. 2009;40:e28.
43. Beilby JP, Hunt CCJ, Palmer LJ, Chapman CML, Burley JP, Mc Quilan BM, et al. Apolipoprotein E gene polymorphism are associated with carotid plaque formation but not with intima media wall thickening. Results from the part carotid ultrasound disease assessment study (CUDAS). *Stroke*; 2003;34:869-74
44. Saidi S, Slamia LB, Amman SB, Mahjoub T, Almawi WY. Association of apolipoprotein E gene polymorphism with ischemic stroke involving large vessel disease and its relation to serum lipid level. *J.Stroke cerebrovasc Dis*;2007;16(4):160-66
45. Hassan A, Markus HS. Genetics and ischemic stroke. *Brain*.2000;123:1784-812
46. Casas JP, Hingorani AD, Bautista LE, Sharma P. Metaanalysis of genetics studies in ischemic stroke. Thirty two genes involving approximately 18.000 cases ad 58.000 controls. *Arch Neurol*.2004;61:1652-62
47. Sorbi S, Naemias B, Piacentini S. Apo Eas prognostic factor for post tarumatic coma.*Nat med*.1995;1:852 (letter)

48. Teasdale GM, Nicoll JA, Murray G, Fiddes M. Association of apolipoprotein E polymorphism with outcome after head injury. *Lancet.* 1997;300:1067-71
49. Xu X, Li J, Sheng W, Liu L. Meta-analysis of genetic studies from journals published in China of ischemic stroke in the Han Chinese population. *Cerebrovasc Dis* 2008;26(1):48–62.
50. Masliah E, Mallory M, Nianfeng G, Alford M, Veinbergs I, Roses AD. Neurodegeneration in the central nervous system of apo E-deficient mice. *Exp Neurol.* 1995;136:107–22.
51. Miyata M, Smith JD. Apolipoprotein E allele-specific antioxidant activity and effects of cytotoxicity by oxidative insults and b-amyloid peptides. *Nat Genet.* 1996;14:55– 61.
52. Laskowitz DT, Goel S, Bennett ER, Mathew WD. Apolipoprotein E suppresses glial secretion of TNFa. *J Neuroimmunol.* 1997;76:70–4.
53. Dlugosz IS, Gromadzka G, Gieruszczak BM, Ciesielska A, Czlonkowska A. APOE does not predict poor outcome 1 year after ischemic stroke. *Neurol Res.* 2007 Jan;29(1):64-9
54. Cramer SC. Repairing the human brain after stroke: mechanism of spontaneous recovery. *Ann Neurol.* 2008;63:272-287.
55. Masciochi SN, Diamond PT, Alves WM, Mertz T. Ischemic stroke: relation of age, lesion location and initial neurologic deficit to functional outcome. *Archives of Physical Medicine and Rehabilitation.* 1998;79(10):1255-57
56. Nakayama H, Jorgensen HS, Raaschou HS, Olsen TS. The Influence of age on stroke outcome. The Copenhagen Stroke Study. *Stroke.* 1994 Apr;25(4):808-13
57. Appelros P, Stegmayr B, Terant A. A review on sex differences in stroke treatment and outcome. *Acta Neurol Scand.* 2010 Jun;121(6):359-69
58. Nedeltchev K, Renz N, Karameshev A, Haefeli T, Brekenfeld C, Meier N et al. Predictors of early mortality after acute ischemic stroke. *Swiss Med Wkly* 2010;140(17-18):254-59
59. Young FB, Weir CJ and Lees KR. Comparison of the National Institutes of Health Stroke Scale with disability outcome measures in acute stroke trials. *Stroke* 2005, 36:2187-92

60. Kelly-Hayes PM, Robertson JT, Broderick JP, Duncan PW, Hershey LA, et al. The American Heart Association Stroke Outcome Classification. *Stroke* 1998; 29:1274-80
61. Clarck WM, Hourihane JM. Clinical stroke scales. In: Herndon RM, editor. Handbook of neurologic rating scales. 2nd ed. New York: Demos Medical Publishing.2006.p.261-64
62. Madiyono B, Moeslichan S, Sastroasmoro S, Budiman I, Purwanto SH. Perkiraan besar sampel. In: Sastroasmoro S, editor. Dasar-dasar metodologi penelitian klinis. 2nd ed. Jakarta: Sagung Seto; 2002. p.265-73
63. Miller SA, Dykes DD, Polesky HF. A simple salting out procedure for extracting DNA from human nucleated cells. Nucleic acids research; 1998;16:1215
64. Zivelin A, Rosenberg N, Peretz H, Amit Y, Kornbort N, Seligoshna U. Improved method for genotyping apolipoprotein E polymorphisms by a PCR-Based assay simultaneously utilizing two distinct restriction enzymes. *Clinical chemistry*;1997;43:1657-59
65. Nakayama J, Hamano K, Iwasaki N, Nakahara S, Horigome Y, Saitoh H et al. Clinical evidence for linkage of febrile seizures to chromosome 5q14-q15. *Hum. Mol. Genet*; 2000; 9: 87-91.
66. Baulac S, Gourfinkel-An I, Picard F, Bourgin MR, Prud'homme JF, Baulac M et al. A Second Locus for Familial Generalized Epilepsy with Febrile Seizures Plus Maps to Chromosome 2q21-q33. *Am. J. Hum. Genet*; 1999; 65:1078-85
67. Gasser T, Dichgans M, Finsterer J, Hausmanowa-Petrusewicz I, Jurkat-Rott K, Klopstock T. EFNS task force on molecular diagnosis of neurologic disorders: guidelines for the molecular diagnosis of inherited neurologic diseases: second of two parts. *Eur J Neurol*; 2001; 8: 407-24.
68. Ahmad U, Mahmood MS, Siddiqui S, Frossard PM. Effects of apolipoprotein E polymorphism on the development of stroke. Review article [internet].c2012. Available from: <http://www.jpma.org.pk>
69. Markus HS. Unravelling the genetics of ischaemic stroke. *Plos Med*; 2010; 7(3):e1000225