

DAFTAR PUSTAKA

1. George ES, Sood S, Daly RM, Tan SY. Is there an association between non-alcoholic fatty liver disease and cognitive function? A systematic review. *BMC Geriatr.* 2022;22(1):1-19. doi:10.1186/s12877-021-02721-w
2. Bellentani S, Scaglioni F, Marino M, Bedogni G. Epidemiology of non-alcoholic fatty liver disease. *Dig Dis.* 2010;28(1):155-161. doi:10.1159/000282080
3. Fan JG, Kim SU, Wong VWS. *New Trends on Obesity and NAFLD in Asia.* Vol 67. European Association for the Study of the Liver; 2017. doi:10.1016/j.jhep.2017.06.003
4. Cahyono SB, Bayupurnama P, Ratnasari N, Maduseno S, Nurdjanah S. Ultrasound-diagnosed non-alcoholic fatty liver disease among medical check up patients. *Indones J Gastroenterol Hepatol Dig Endosc.* 2013;14(3):145-149.
5. Li J, Zou B, Yeo YH, et al. Prevalence, incidence, and outcome of non-alcoholic fatty liver disease in Asia, 1999–2019: a systematic review and meta-analysis. *Lancet Gastroenterol Hepatol.* 2019;4(5):389-398. doi:10.1016/S2468-1253(19)30039-1
6. Kjærgaard K, Mikkelsen ACD, Wernberg CW, et al. Cognitive dysfunction in non-alcoholic fatty liver disease—current knowledge, mechanisms and perspectives. *J Clin Med.* 2021;10(4):1-20. doi:10.3390/jcm10040673
7. Seo SW, Gottesman RF, Clark JM, et al. Nonalcoholic fatty liver disease is associated with cognitive function in adults. *Neurology.* 2016;86(12):1136-1142. doi:10.1212/WNL.0000000000002498
8. Han F, Luo C, Lv D, Tian L, Qu C. Risk Factors Affecting Cognitive Impairment of the Elderly Aged 65 and Over: A Cross-Sectional Study. *Front Aging Neurosci.* 2022;14:903794. doi:10.3389/fnagi.2022.903794
9. Wang CW, Grønkjær LL, Gade Jacobsen B, et al. The prevalence and risk factors for cognitive impairment in obesity and NAFLD. *Hepatol Commun.* 2023;7(7).



doi:10.1097/hc9.0000000000000203

10. Liu Q, Liu C, Hu F, Deng X, Zhang Y. Non-alcoholic Fatty Liver Disease and Longitudinal Cognitive Changes in Middle-Aged and Elderly Adults. *Front Med.* 2022;8(January):1-7. doi:10.3389/fmed.2021.738835
11. Hashimoto E, Tokushige K, Ludwig J. Diagnosis and classification of non-alcoholic fatty liver disease and non-alcoholic steatohepatitis: Current concepts and remaining challenges. *Hepatol Res.* 2015;45(1):20-28. doi:10.1111/hepr.12333
12. Amarapurkar DN, Hashimoto E, Lesmana LA, Sollano JD, Chen PJ, Goh KL. How common is non-alcoholic fatty liver disease in the Asia-Pacific region and are there local differences? *J Gastroenterol Hepatol.* 2007;22(6):788-793. doi:10.1111/j.1440-1746.2007.05042.x
13. Rinella ME, Neuschwander-Tetri BA, Siddiqui MS, et al. *AASLD Practice Guidance on the Clinical Assessment and Management of Nonalcoholic Fatty Liver Disease*. Vol Publish Ah.; 2023. doi:10.1097/hep.0000000000000323
14. Buzzetti E, Pinzani M, Tsochatzis EA. The multiple-hit pathogenesis of non-alcoholic fatty liver disease (NAFLD). *Metabolism.* 2016;65(8):1038-1048. doi:10.1016/j.metabol.2015.12.012
15. Dowman JK, Tomlinson JW, Newsome PN. Pathogenesis of non-alcoholic fatty liver disease. *Qjm.* 2009;103(2):71-83. doi:10.1093/qjmed/hcp158
16. HI ES, EA ES. Type 2 Diabetes and Developmental Origin of Non-Alcohol Fatty Liver Disease and Future Directions of Treatment. *Clin Exp Pharmacol.* 2016;6(5). doi:10.4172/2161-1459.1000220
17. Sears B, Perry M. The role of fatty acids in insulin resistance. *Lipids Health Dis.* 2015;14(1):1-9. doi:10.1186/s12944-015-0123-1
18. Sudoyo A, Simadibrata M, Setiyohadi B, Af S, Ilmu A, Dalam P, Rani A, Fauzi A. *Ielicobacter Pylori dan Penyakit Gastroduodenal*. In: Setiati S, Alwi I, Sudoyo librata M, Setiyohadi B, Syam AF, eds. *Buku Ajar Ilmu Penyakit Dalam*. VI.



Pusat Penerbitan Departemen Ilmu Penyakit Dalam FKUI; 2014:1772. Published online 2014:2014.

19. Sporea I, Şirli R, Başa E, et al. The value of transabdominal ultrasound for assessment of the severity of liver steatosis as compared to liver biopsy. *Cent Eur J Med.* 2009;4(4):490-495. doi:10.2478/s11536-009-0067-9
20. Sadighi N, Aslani A, Malekzadeh R. The Effect of Weight Reduction on Ultrasonographic Findings of Nonalcoholic Fatty Liver Registry of diseases and health outcomes View project Serum Hyalururate View project The Effect of Weight Reduction on Ultrasonographic Findings of Nonalcoholic Fatty . 2014;(January). <https://www.researchgate.net/publication/265418325>
21. del Barrio V. *Diagnostic and Statistical Manual of Mental Disorders.*; 2004. doi:10.1016/B0-12-657410-3/00457-8
22. Gerber Y, VanWagner LB, Yaffe K, et al. Non-alcoholic fatty liver disease and cognitive function in middle-aged adults: the CARDIA study. *BMC Gastroenterol.* 2021;21(1):1-9. doi:10.1186/s12876-021-01681-0
23. Aldridge DR, Tranah EJ, Shawcross DL. Pathogenesis of hepatic encephalopathy: Role of ammonia and systemic inflammation. *J Clin Exp Hepatol.* 2015;5(S1):S7-S20. doi:10.1016/j.jceh.2014.06.004
24. Snowden MB, Steinman LE, Bryant LL, et al. Dementia and co-occurring chronic conditions: a systematic literature review to identify what is known and where are the gaps in the evidence? *Int J Geriatr Psychiatry.* 2017;32(4):357-371.
25. Filipović B, Marković O, Đurić V, Filipović B. Cognitive changes and brain volume reduction in patients with nonalcoholic fatty liver disease. *Can J Gastroenterol Hepatol.* 2018;2018.
26. Tuttolomondo A, Petta S, Casuccio A, et al. Reactive hyperemia index (RHI) and performance indexes are associated with histologic markers of liver disease in patients with non-alcoholic fatty liver disease (NAFLD): a case control study.



Cardiovasc Diabetol. 2018;17:1-12.

27. Cheon SY, Song J. Novel insights into non-alcoholic fatty liver disease and dementia: insulin resistance, hyperammonemia, gut dysbiosis, vascular impairment, and inflammation. *Cell Biosci*. 2022;12(1):99.

28. Yu Q, He R, Jiang H, et al. Association between Metabolic Dysfunction-associated Fatty Liver Disease and Cognitive Impairment. *J Clin Transl Hepatol*. 2022;10(6):1034-1041. doi:10.14218/JCTH.2021.00490

29. Weinstein AA, de Avila L, Paik J, et al. Cognitive performance in individuals with non-alcoholic fatty liver disease and/or type 2 diabetes mellitus. *Psychosomatics*. 2018;59(6):567-574.

30. Miao Y, Zhang B, Sun X, et al. The presence and severity of NAFLD are associated with cognitive impairment and hippocampal damage. *J Clin Endocrinol Metab*. 2023;108(12):3239-3249.

31. Unger T, Borghi C, Charchar F, et al. 2020 International Society of Hypertension global hypertension practice guidelines. *Hypertension*. 2020;75(6):1334-1357.

32. Celikbilek A, Celikbilek M, Bozkurt G. Cognitive assessment of patients with nonalcoholic fatty liver disease. *Eur J Gastroenterol Hepatol*. 2018;30(8):944-950.

33. Shang Y, Widman L, Hagström H. Nonalcoholic fatty liver disease and risk of dementia: a population-based cohort study. *Neurology*. 2022;99(6):e574-e582.

34. Cook RL, O'Dwyer NJ, Donges CE, et al. Relationship between obesity and cognitive function in young women: The food, mood and mind study. *J Obes*. 2017;2017.

35. Cserjési R, Luminet O, Poncelet AS, Lénárd L. Altered executive function in obesity. Exploration of the role of affective states on cognitive abilities. *Appetite*. 2009;52(2):535-539.

36. Gunstad J, Lhotsky A, Wendell CR, Ferrucci L, Zonderman AB. Longitudinal association of obesity and cognitive function: results from the Baltimore longitudinal aging. *Neuroepidemiology*. 2010;34(4):222-229.



37. Prickett C, Brennan L, Stolwyk R. Examining the relationship between obesity and cognitive function: a systematic literature review. *Obes Res Clin Pract.* 2015;9(2):93-113.
38. Feinkohl I, Janke J, Hadzidiakos D, et al. Associations of the metabolic syndrome and its components with cognitive impairment in older adults. *BMC Geriatr.* 2019;19:1-11.
39. Holtzman DM. Role of apoE/A β interactions in the pathogenesis of Alzheimer's disease and cerebral amyloid angiopathy. *J Mol Neurosci.* 2001;17:147-155.
40. Ma C, Yin Z, Zhu P, Luo J, Shi X, Gao X. Blood cholesterol in late-life and cognitive decline: a longitudinal study of the Chinese elderly. *Mol Neurodegener.* 2017;12(1):24. doi:10.1186/s13024-017-0167-y
41. Wang C, Chan JSY, Ren L, Yan JH. Obesity reduces cognitive and motor functions across the lifespan. *Neural Plast.* 2016;2016.

