

評価対象論文リスト(要因:能動喫煙、アウトカム:認知症・認知機能低下)

評価判定日:2023/5/29

①評価の際に参照した既存のガイドライン

-	WHOガイドライン「認知機能低下および認知症のリスク低減 (Risk Reduction of Cognitive Decline and Dementia)」
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②既存の系統的レビュー・メタ解析・統合解析

1	Graves AB, van Duijn CM, Chandra V, et al. Alcohol and tobacco consumption as risk factors for Alzheimer's disease: a collaborative re-analysis of case-control studies. EURODEM Risk Factors Research Group. <i>Int J Epidemiol.</i> 1991;20 Suppl 2:S48-S57. doi:10.1093/ije/20.supplement_2.s48
2	López-Arrieta JM, Rodríguez JL, Sanz F. Efficacy and safety of nicotine on Alzheimer's disease patients. <i>Cochrane Database Syst Rev.</i> 2001;(2):CD001749. doi:10.1002/14651858.CD001749
3	Almeida OP, Hulse GK, Lawrence D, Flicker L. Smoking as a risk factor for Alzheimer's disease: contrasting evidence from a systematic review of case-control and cohort studies. <i>Addiction.</i> 2002;97(1):15-28. doi:10.1046/j.1360-0443.2002.00016.x
4	Anstey KJ, von Sanden C, Salim A, O'Kearney R. Smoking as a risk factor for dementia and cognitive decline: a meta-analysis of prospective studies. <i>Am J Epidemiol.</i> 2007;166(4):367-378. doi:10.1093/aje/kwm116
5	Peters R, Poulter R, Warner J, Beckett N, Burch L, Bulpitt C. Smoking, dementia and cognitive decline in the elderly, a systematic review. <i>BMC Geriatr.</i> 2008;8:36. Published 2008 Dec 23. doi:10.1186/1471-2318-8-36
6	Lee Y, Back JH, Kim J, et al. Systematic review of health behavioral risks and cognitive health in older adults [published correction appears in <i>Int Psychogeriatr.</i> 2010 Mar;22(2):188]. <i>Int Psychogeriatr.</i> 2010;22(2):174-187. doi:10.1017/S1041610209991189
7	Plassman BL, Williams JW Jr, Burke JR, Holsinger T, Benjamin S. Systematic review: factors associated with risk for and possible prevention of cognitive decline in later life. <i>Ann Intern Med.</i> 2010;153(3):182-193. doi:10.7326/0003-4819-153-3-201008030-00258
8	Beydoun MA, Beydoun HA, Gamaldo AA, Teel A, Zonderman AB, Wang Y. Epidemiologic studies of modifiable factors associated with cognition and dementia: systematic review and meta-analysis. <i>BMC Public Health.</i> 2014;14:643. Published 2014 Jun 24. doi:10.1186/1471-2458-14-643
9	Di Marco LY, Marzo A, Muñoz-Ruiz M, et al. Modifiable lifestyle factors in dementia: a systematic review of longitudinal observational cohort studies. <i>J Alzheimers Dis.</i> 2014;42(1):119-135. doi:10.3233/JAD-132225
10	Russ TC, Starr JM, Stamatakis E, Kivimäki M, Batty GD. Pulmonary function as a risk factor for dementia death: an individual participant meta-analysis of six UK general population cohort studies. <i>J Epidemiol Community Health.</i> 2015;69(6):550-556. doi:10.1136/jech-2014-204959
11	Zhong G, Wang Y, Zhang Y, Guo JJ, Zhao Y. Smoking is associated with an increased risk of dementia: a meta-analysis of prospective cohort studies with investigation of potential effect modifiers [published correction appears in <i>PLoS One.</i> 2015 Apr 13;10(4):e0126169. doi:10.1371/journal.pone.0126169.]. <i>PLoS One.</i> 2015;10(3):e0118333. Published 2015 Mar 12. doi:10.1371/journal.pone.0118333
12	Deckers K, van Boxtel MP, Schiepers OJ, et al. Target risk factors for dementia prevention: a systematic review and Delphi consensus study on the evidence from observational studies. <i>Int J Geriatr Psychiatry.</i> 2015;30(3):234-246. doi:10.1002/gps.4245

13	North TL, Palmer TM, Lewis SJ, et al. Effect of smoking on physical and cognitive capability in later life: a multicohort study using observational and genetic approaches. <i>BMJ Open</i> . 2015;5(12):e008393. Published 2015 Dec 15. doi:10.1136/bmjopen-2015-008393
14	Xu W, Tan L, Wang HF, et al. Meta-analysis of modifiable risk factors for Alzheimer's disease. <i>J Neurol Neurosurg Psychiatry</i> . 2015;86(12):1299-1306. doi:10.1136/jnnp-2015-310548
15	Hazar N, Seddigh L, Rampisheh Z, Nojomi M. Population attributable fraction of modifiable risk factors for Alzheimer disease: A systematic review of systematic reviews. <i>Iran J Neurol</i> . 2016;15(3):164-172.
16	Lafortune L, Martin S, Kelly S, et al. Behavioural Risk Factors in Mid-Life Associated with Successful Ageing, Disability, Dementia and Frailty in Later Life: A Rapid Systematic Review. <i>PLoS One</i> . 2016;11(2):e0144405. Published 2016 Feb 4. doi:10.1371/journal.pone.0144405
17	Hersi M, Irvine B, Gupta P, Gomes J, Birkett N, Krewski D. Risk factors associated with the onset and progression of Alzheimer's disease: A systematic review of the evidence. <i>Neurotoxicology</i> . 2017;61:143-187. doi:10.1016/j.neuro.2017.03.006
18	Hazar N, Seddigh L, Rampisheh Z, Nojomi M. Population attributable fraction of modifiable risk factors for Alzheimer disease: A systematic review of systematic reviews. <i>Iran J Neurol</i> . 2016;15(3):164-172.
19	Kuźma E, Hannon E, Zhou A, et al. Which Risk Factors Causally Influence Dementia? A Systematic Review of Mendelian Randomization Studies. <i>J Alzheimers Dis</i> . 2018;64(1):181-193. doi:10.3233/JAD-180013
20	Stirland LE, O'Shea CI, Russ TC. Passive smoking as a risk factor for dementia and cognitive impairment: systematic review of observational studies. <i>Int Psychogeriatr</i> . 2018;30(8):1177-1187. doi:10.1017/S1041610217002824
21	Peters R, Ee N, Peters J, Booth A, Mudway I, Anstey KJ. Air Pollution and Dementia: A Systematic Review. <i>J Alzheimers Dis</i> . 2019;70(s1):S145-S163. doi:10.3233/JAD-180631
22	Li XY, Zhang M, Xu W, et al. Midlife Modifiable Risk Factors for Dementia: A Systematic Review and Meta-analysis of 34 Prospective Cohort Studies. <i>Curr Alzheimer Res</i> . 2019;16(14):1254-1268. doi:10.2174/1567205017666200103111253
23	Otuyama LJ, Oliveira D, Locatelli D, et al. Tobacco smoking and risk for dementia: evidence from the 10/66 population-based longitudinal study. <i>Aging Ment Health</i> . 2020;24(11):1796-1806. doi:10.1080/13607863.2019.1647140
24	Liang JH, Lu L, Li JY, et al. Contributions of Modifiable Risk Factors to Dementia Incidence: A Bayesian Network Analysis. <i>J Am Med Dir Assoc</i> . 2020;21(11):1592-1599.e13. doi:10.1016/j.jamda.2020.04.006

②日本人個別研究(ランダム化比較試験、コホート研究、症例対照研究、横断研究などの個別疫学研究)

25	Ikedo A, Yamagishi K, Tanigawa T, et al. Cigarette smoking and risk of disabling dementia in a Japanese rural community: a nested case-control study. <i>Cerebrovasc Dis</i> . 2008;25(4):324-331. doi:10.1159/000118377
26	Ohara T, Ninomiya T, Hata J, et al. Midlife and Late-Life Smoking and Risk of Dementia in the Community: The Hisayama Study. <i>J Am Geriatr Soc</i> . 2015;63(11):2332-2339. doi:10.1111/jgs.13794
27	Lu Y, Sugawara Y, Zhang S, Tomata Y, Tsuji I. Smoking cessation and incident dementia in elderly Japanese: the Ohsaki Cohort 2006 Study. <i>Eur J Epidemiol</i> . 2020;35(9):851-860. doi:10.1007/s10654-020-00612-9
28	Kotaki Y, Tomata Y, Tanji F, Zhang S, Sugawara Y, Tsuji I. Joint impact of seven risk factors on incident dementia in elderly Japanese: the Ohsaki Cohort 2006 Study. <i>J Neurol</i> . 2019;266(5):1222-1229. doi:10.1007/s00415-019-09252-w

29	Lu Y, Sugawara Y, Zhang S, Tomata Y, Tsuji I. Smoking cessation and incident dementia in elderly Japanese: the Ohsaki Cohort 2006 Study. <i>Eur J Epidemiol.</i> 2020;35(9):851-860. doi:10.1007/s10654-020-00612-9
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③有力な研究

30	van Duijn CM, Havekes LM, Van Broeckhoven C, de Knijff P, Hofman A. Apolipoprotein E genotype and association between smoking and early onset Alzheimer's disease. <i>BMJ.</i> 1995;310(6980):627-631. doi:10.1136/bmj.310.6980.627
31	Ott A, Slioter AJ, Hofman A, et al. Smoking and risk of dementia and Alzheimer's disease in a population-based cohort study: the Rotterdam Study. <i>Lancet.</i> 1998;351(9119):1840-1843. doi:10.1016/s0140-6736(97)07541-7
32	Llewellyn DJ, Lang IA, Langa KM, Naughton F, Matthews FE. Exposure to secondhand smoke and cognitive impairment in non-smokers: national cross sectional study with cotinine measurement. <i>BMJ.</i> 2009;338:b462. Published 2009 Feb 12. doi:10.1136/bmj.b462