

## 評価対象論文リスト（要因：受動喫煙、アウトカム：糖尿病）

評価判定日：2023/4/27

### ①既存の系統的レビュー・メタ解析・統合解析

1	Wei X, E M, Yu S. A meta-analysis of passive smoking and risk of developing Type 2 Diabetes Mellitus. <i>Diabetes Res Clin Pract.</i> 2015;107(1):9-14. doi:10.1016/j.diabres.2014.09.019
2	Sun K, Liu D, Wang C, Ren M, Yang C, Yan L. Passive smoke exposure and risk of diabetes: a meta-analysis of prospective studies. <i>Endocrine.</i> 2014;47(2):421-427. doi:10.1007/s12020-014-0194-1
3	Zhu B, Wu X, Wang X, Zheng Q, Sun G. The association between passive smoking and type 2 diabetes: a meta-analysis. <i>Asia Pac J Public Health.</i> 2014;26(3):226-237. doi:10.1177/1010539514531041
4	Wang Y, Ji J, Liu YJ, Deng X, He QQ. Passive smoking and risk of type 2 diabetes: a meta-analysis of prospective cohort studies. <i>PLoS One.</i> 2013;8(7):e69915. Published 2013 Jul 26. doi:10.1371/journal.pone.0069915

### 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)

5	Oba S, Goto A, Mizoue T, et al. Passive smoking and type 2 diabetes among never-smoking women: The Japan Public Health Center-based Prospective Study. <i>J Diabetes Investig.</i> 2020;11(5):1352-1358. doi:10.1111/jdi.13259
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■系統的レビュー、メタ解析

Reference			Category	Relative risk (95%CI)	Magnitude of association
Author	Title	Year			
Wei, X., et al.	A meta-analysis of passive smoking and risk of developing Type 2 Diabetes Mellitus	2015	Passive smoking	1.33 (1.20–1.46)	↑
Sun, K., et al.	Passive smoke exposure and risk of diabetes: a meta-analysis of prospective studies	2014	Passive smoking	1.21 (1.07–1.38)	↑
Zhu, B., et al.	The Association Between Passive Smoking and Type 2 Diabetes: A Meta-Analysis	2014	Passive smoking	Random-Effects Model: 1.26(1.15–1.37); Fixed-Effects Model: 1.22(1.15–1.30)	↑
Wang, Y., et al.	Passive Smoking and Risk of Type 2 Diabetes: A Meta-Analysis of Prospective Cohort	2013	Passive smoking	1.28 (1.14–1.44)	↑

■コホート研究

Reference			Study population							Category	Number among cases	Relative risk (95%CI)	p for trend	Confounding variables considered	Magnitude of association
Author	Title	Year	Study period	Number of subjects for analysis	Source of subjects	Event followed	Definitions	Number of incident cases or deaths	Participant's race						
Oba, S., et al.	Passive smoking and type 2 diabetes among never-smoking women: The Japan Public Health Center-based Prospective Study	2020	1990 (Cohort I) 1993 (Cohort II) followed up upto 10 years after the baseline survey	25391	Japan Public Health Center-based Prospective Study	Incidence	Individuals who reported physician-diagnosed diabetes and/or taking diabetes medications were defined as having diabetes	334 during first 5-year follow up  374 during second 5-year follow up	Japanese	Spouse's smoking status Never smoker Former smoker Current smoker, <20/day Current smoker, 20 to <30/day Current smoker, 30 to <40/day Current smoker, ≥40/day Workplace (or public facilities) exposure among women who worked No exposure Less than everyday Everyday	NA	Ref. 0.92 (0.75–1.13) 0.75 (0.57–0.98) 1.11 (0.89–1.38) 1.10 (0.79–1.53) 1.34 (0.96–1.87)  Ref. 0.86 (0.55–1.33) 1.23 (0.995–1.53)	0.02	Adjusted for nine regions, age, the term of survey, body mass index, hypertension, parental history of diabetes, leisure-time physical activity, intakes of coffee and alcohol, and workplace (or public facilities) passive smoke exposure Adjusted for nine regions, age, the term of survey, body mass index, hypertension, parental history of diabetes, leisure-time physical activity, intakes of coffee	— ↓ — — — — — — —