

評価対象論文リスト(要因:歯周病、アウトカム:がん)

評価判定日:2024/10/25

①既存の系統的レビュー・メタ解析・統合解析

1	Sadighi Shamami M, Sadighi Shamami M, Amini S. Periodontal disease and tooth loss as risks for cancer: a systematic review of the literature. <i>Iran J Cancer Prev.</i> 2011;4(4):189-198.
2	Zeng X, Xia L, Zhang Y, Li S, Leng W, Kwong JSW. Periodontal disease and incident lung cancer risk: a meta-analysis of cohort studies. <i>Journal of Periodontology.</i> 2016;87(10):1158-1164. doi:10.1902/jop.2016.150597
3	Javed F, Warnakulasuriya S. Is there a relationship between periodontal disease and oral cancer? A systematic review of currently available evidence. <i>Critical Reviews in Oncology/Hematology.</i> 2016;97:197-205. doi:10.1016/j.critrevonc.2015.08.018
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5	Michaud DS, Fu Z, Shi J, Chung M. Periodontal disease, tooth loss, and cancer risk. <i>Epidemiologic Reviews.</i> 2017;39(1):49-58. doi:10.1093/epirev/mxx006
6	Shi T, Min M, Sun C, Zhang Y, Liang M, Sun Y. Periodontal disease and susceptibility to breast cancer: A meta-analysis of observational studies. <i>J Clin Periodontology.</i> 2018;45(9):1025-1033. doi:10.1111/jcpe.12982
7	Corbella S, Veronesi P, Galimberti V, Weinstein R, Del Fabbro M, Francetti L. Is periodontitis a risk indicator for cancer? A meta-analysis. Trackman PC, ed. <i>PLoS ONE.</i> 2018;13(4):e0195683. doi:10.1371/journal.pone.0195683
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12	Ali A, Lassi ZS, Kapellas K, Jamieson L, Rumbold AR. A systematic review and meta-analysis of the association between periodontitis and oral high-risk human papillomavirus infection. <i>Journal of Public Health.</i> 2021;43(4):e610-e619. doi:10.1093/pubmed/fdaa156
13	Guo Z, Gu C, Li S, et al. Periodontal disease and the risk of prostate cancer: a meta-analysis of cohort studies. <i>Int braz j urol.</i> 2021;47(6):1120-1130. doi:10.1590/s1677-5538.ibju.2020.0333
14	Vu H, Shin YJ, Kong MS, Kim HD. Smoking and drinking adjusted association between head and neck cancers and oral health status related to periodontitis: a meta-analysis. <i>J Korean Med Sci.</i> 2021;36(15):e98. doi:10.3346/jkms.2021.36.e98
15	Li R, Hou M, Yu L, Luo W, Liu R, Wang H. Association between periodontal disease and oral squamous cell carcinoma: a systematic review and meta-analysis. <i>British Journal of Oral and Maxillofacial Surgery.</i> 2023;61(6):394-402. doi:10.1016/j.bjoms.2023.05.004

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20	Kaliamoorthy S, Priya Sayeeram S, Gowdhaman N, et al. Association of periodontal red complex bacteria with the incidence of gastrointestinal cancers: a systematic review and meta-analysis. <i>Cureus</i> . April 2024. doi:10.7759/cureus.59251
21	Márquez-Arrico CF, Silvestre FJ, Marquez-Arrico JE, Silvestre-Rangil J. Could periodontitis increase the risk of suffering from pancreatic cancer? —a systematic review. <i>Cancers</i> . 2024;16(7):1257. doi:10.3390/cancers16071257
22	Aguiar FJN, Menezes FDS, Fagundes MDA, et al. Gastric adenocarcinoma and periodontal disease: A systematic review and meta-analysis. <i>Clinics</i> . 2024;79:100321. doi:10.1016/j.clinsp.2023.100321

(口腔がん)

■ 系統的レビュー・メタ解析

Reference			Include study					Design	Category	Relative risk (95% CI or p)	Weight	Magnitude of association	
Author	Title	Year	Ref No.	First author	Year	Study period	Study location	Event (*Definition)					
Ma Y, Tuerxun N, Maimaitili G.	Periodontitis and the risk of oral cancer: a meta-analysis of case-control studies	2024	47	Chen	2021		China	Oral cancer patient	Case-control	Periodontal disease patient vs non-periodontal disease patient	2.22 (1.07, 4.60)	10.90	
			41	Moergel	2013		Germany				2.40 (1.50, 3.80)	16.22	
			39	Shin	2019		Korea				3.66 (1.46, 9.23)	8.20	
			37	Tezal	2009		USA				4.36 (3.16, 6.01)	19.63	
			48	Rosenquist	2005		Sweden				1.70 (0.50, 5.80)	5.43	
			33	Laprise	2016		Canada				2.02 (0.90, 4.55)	9.65	
			33	Laprise	2016		Canada				1.83 (1.110, 3.04)	15.22	
			34	Moraes	2016		Brazil				10.90 (1.90, 61.20)	3.05	
			45	Tezal	2007		USA				5.23 (2.64, 10.35)	11.69	
											2.94 (2.13, 4.07)	100.00	↑ ↑ ↑
Li R, Hou M, Yu L, Luo W, Liu R, Wang H.	Association between periodontal disease and oral squamous cell carcinoma: a systematic review and meta-analysis	2023	13	Eliot	2013		USA	Oral squamous cell carcinoma patient	Case-control	Periodontal disease patient vs non-periodontal disease	1.70 (1.13, 2.55)	21.05	
			17	Laprise	2016		Southern India				2.77 (1.64, 3.13)	21.95	
			9	Shin	2019		Korea				4.19 (2.01, 8.72)	16.86	
			14	Saira	2019		Pakistan				7.15 (4.87, 10.50)	21.31	
			18	Gyorgy	2021		Hungary				3.48 (1.94, 6.24)	18.83	
											3.28 (1.87, 5.74)	100.00	↑ ↑ ↑