評価対象論文リスト（要因：歯周病、アウトカム：フレイル・サルコペニア）

評価判定日：2024/11/29

（フレイル）
①既存の系統的レビュー・メタ解析・統合解析

1	Slashcheva LD, Karjalahti E, Hassett LC, Smith B, Chamberlain AM. A systematic review and gap analysis of frailty and oral health characteristics in older adults: A call for clinical translation. Gerodontology. 2021;38(4):338-350. doi:10.1111/ger.12577
2	Hakeem FF, Bernabé E, Sabbah W. Association between oral health and frailty: A systematic review of longitudinal studies. Gerodontology. 2019;36(3):205-215.

②日本人集団の個別疫学研究

3	Satake A, Kobayashi W, Tamura Y, et al. Effects of oral environment on frailty: particular relevance of tongue pressure. Clin Interv Aging. 2019;14:1643-1648. Published 2019 Sep 12. doi:10.2147/CIA.S212980
4	Tanaka T, Takahashi K, Hirano H, et al. Oral frailty as a risk factor for physical frailty and mortality in community-dwelling elderly. The Journals of Gerontology: Series A. 2018;73(12):1661-1667. doi:10.1093/gerona/glx225

（サルコペニア）
②日本人集団の個別疫学研究

1	Tanaka T, Takahashi K, Hirano H, et al. Oral frailty as a risk factor for physical frailty and mortality in community-dwelling elderly. The Journals of Gerontology: Series A. 2018;73(12):1661-1667. doi:10.1093/gerona/glx225

（フレイル）

■コホート研究（コホートのプール解析含む）

Reference				Study subjects					Category	Number among cases	Relative risk (95%CI or p)	P for trend	Confounding variables considered	**Magnitude of association**
Author	Title		Year	Study period	Number of subjects	Source of subjects	Event followed	Number of incident cases or deaths	Participant's race					
tomoki tanaka.,et al	Oral Frailty as a Risk Factor for Physical Frailty and Mortality in Community-Dwelling Elderly		2018	2012-2016	n=1151	japanese	frailty	83/1151	japanese	CPI (>2 maximum CPI score)				age, sex, BMI, chronic conditions, depressive symptoms, cognitive function, living arrangement, yearly income, and smoking behavior	NS
										Physical frailty not onset	74% (n=1068)	p = 0.124	N/A		
										Physical frailty onset	64% (n=83)				

CPI：地域歯周疾患指数

■コホート研究(コホートのプール解析含む)

Reference			Study subjects						Category	Number among cases	Relative risk (95%CI or p)	P for trend	Confounding variables considered	**Magnitude of association**
Author	Title	Year	Study period	Number of subjects	Source of subjects	Event followed	Number of incident cases or deaths	Participant's race						
Tanaka T., et al	Oral Frailty as a Risk Factor for Physical Frailty and Mortality in Community-Dwelling Elderly	2018	2012-2016	n=1216	japanese	frailty	63/1216	sarcopenia	CPI (>2 maximum CPI score) sarcopenia　not onset	73% (n=1153)			age, sex, BMI, chronic conditions, depressive symptoms, cognitive function, living arrangement, yearly income, and smoking behavior	
									sarcopenia　onset	81% (n=63)	p = 0.272	N/A		NS

CPI：地域歯周疾患指　　　　COX比例ハザードモデル