評価対象論文リスト(要因:歯周病、アウトカム:早産・低出生体重児・在胎不当過小児)

評価判定日:2024/11/29

①既存の系統的レビュー・メタ解析・統合解析

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■メタ解析、系統的レビュー

			Include study						
Author	Title	Year	First author	Year	Event (*Definition)	Category	Relative risk (95% CI or p)	Weight	**Magnitude of association**
Konopka T, Paradowska-Stolarz A.	Periodontitis and risk of preterm birth and low birthweight--a meta-analysis	2012	Goepfert et al.	2004			2.8739 (1.2815 to 6.4451)	12.41%	
			Mollerino et al.	2005			3.4118 (1.6889 to 6.8919)	16.37%	
			Bosnjak et al.	2006			7.1923 (2.2405 to 23.0883)	5.95%	
			Jeffcoate et al.	2001	PTB		4.3884 (2.3173 to 8.3104)	19.85%	
			Rajapakse et al.	2004			2.2 (0.4503 to 10.7484)	3.22%	
			Agueda et al.	2008			1.6904 (1.0669 to 2.6784)	38.21%	
			Arbage-Guerra et al.	2010			1.875 (0.4506 to 7.8019)	3.98%	
						Overall	2.702 (2.0329 to 3.5912)	100%	↑ ↑ ↑
			Jarjoura et al.	2005			2.032 (1.0455 to 3.9494)	6.96%	
			Siqueira et al.	2007	LBW		1.9179 (1.4435 to 2.5481)	38.07%	
			Bassani et al.	2007			1.1794 (0.8929 to 1.5577)	39.70%	
			Moore et al.	2004			1.379 (0.8805 to 2.1597)	15.27%	
						Overall	1.5096 (1.2668 to 1.7989)	100%	↑ ↑
Zhang Y, Feng W, Li J, Cui L, Chen ZJ.	Periodontal Disease and Adverse Neonatal Outcomes: A Systematic Review and Meta-Analysis	2022	Moore (2004)	2004			1.26 (0.68, 2.34)	4.42	
			Offenbacher (2006)	2006			2.10 (1.39, 3.15)	8.99	
			Agueda (2008)	2008			1.69 (1.07, 2.68)	6.31	
			Pitiphat (2008)	2008			1.28 (0.50, 3.26)	1.74	
			Nabet (2010)	2010			1.29 (1.00, 1.68)	24.73	
			Ryu (2010)	2010			1.41 (0.73, 2.70)	3.71	
			Vogt (2010)	2010			2.02 (0.93, 4.39)	2.27	
			Baskaradoss (2011)	2011	PTB		1.97 (1.08, 3.58)	3.57	
			Tejada (2012)	2012			1.90 (1.15, 3.12)	5.23	
			Kumar (2013)	2013			1.35 (0.78, 2.33)	5.57	
			Macedo (2014)	2014			1.77 (0.90, 3.46)	2.9	
			Turton (2017)	2017			2.42 (1.47, 3.99)	5.38	
			Erchick (2020)	2020			1.15 (0.85, 1.56)	18.78	
			Micu (2020)	2020			2.10 (1.02, 4.30)	2.47	
			Novák (2020)	2020			2.06 (1.17, 3.64)	3.94	
						Overall	1.57 (1.39, 1.77)	100	↑ ↑

			Moore	2004			1.08 (0.59, 1.99)	7.31
			Cruz	2005			2.15 (1.32, 3.49)	7.98
			Bassini	2007			1.18 (0.89, 1.56)	8.92
			Agueda	2008			1.64 (1.01, 2.65)	8.01
			Saddki	2008			4.81 (2.17, 10.65)	6.31
			Vogt	2010			1.73 (0.80, 3.71)	6.47
			Kumar	2013	LBW		1.85 (1.15, 2.95)	8.06
			Jacob	2014			2.94 (1.87, 4.62)	8.15
			Mathew	2014			4.94 (1.03, 23.66)	3.22
			Filho	2016			4.51 (2.63, 7.74)	7.7
			Khan	2016			4.17 (2.14, 8.11)	7.01
			Souza	2016			0.93 (0.63, 1.35)	8.5
			Turton	2017			14.74 (5.30, 40.99)	5.17
			Novak	2020			3.02 (1.61, 5.69)	7.19
						Overall	2.39 (1.69, 3.38)	100
			Boggess	2006			2.63 (1.28, 5.37)	28.25
			Pitiphat	2008	SGA		1.57 (0.61, 4.03)	22.44
			Vogt	2010			2.50 (0.93, 6.75)	21.25
			Kumar	2013			0.74 (0.36, 1.52)	28.05
						Overall	1.62 (0.89, 3.07)	100
Karimi N, Samiee N, Moradi Y.	The association between periodontal disease and risk of adverse maternal or neonatal outcomes: A systematic review and meta-analysis of analytical observational studies	2023	Novák	2020			2.02 [1.09, 3.74]	0.09
			Chan	2010			5.89 [1.28, 27.03]	0.01
			Srinivas	2009			0.77 [0.49, 1.21]	0.16
			Nabet	2010			2.46 [1.58, 3.83]	0.17
			de Oliveira	2020			1.20 [0.88, 1.64]	0.34
			Uwambaye	2021			6.36 [3.89, 10.39]	0.14
			Radnai	2004			5.46 [1.72, 17.33]	0.02
			Vergnes	2011			1.10 [0.88, 1.37]	0.66
			Kumar	2013	PTB		2.72 [1.30, 5.69]	0.06
			Lafaurie	2018			2.04 [1.12, 3.71]	0.09
			da Mota Krüger	2018			0.94 [0.61, 1.45]	0.17
			Marquez-Corona	2019			9.03 [4.08, 19.97]	0.05
			Lee	2022			1.09 [1.07, 1.11]	97.71
			Micu	2020			2.26 [1.06, 4.82]	0.06
			Erchick	2020			1.37 [0.81, 2.32]	0.12

Agueda	2008		1.77 [1.08, 2.89]	0.14	
		Overall	1.10 [1.08, 1.12]	-	↑
Savitha	2022		1.90 [1.48, 2.44]	54.33	
Offenbacher	1996		7.90 [1.51, 41.23]	1.26	
Kumar	2013		3.03 [1.53, 5.99]	7.45	
Lafaurie	2018		2.52 [1.36, 4.68]	8.98	
Boggess	2005		2.30 [1.14, 4.65]	6.95	
Novák	2020	LBW	2.28 [1.06, 4.90]	5.9	
Louro	2001		7.20 [0.41, 127.48]	0.42	
Gallagher-Cobos	2022		1.43 [0.53, 3.87]	3.48	
Jacob & Nath	2014		2.85 [1.55, 5.25]	9.24	
Figueiredo MGOP	2019		2.93 [0.78, 10.94]	1.99	
		Overall	2.19 [1.82, 2.64]	-	↑ ↑