

Supplementary Table 2. Risk of bias assessment

First author (year)	Selection ^{a)}				Comparability ^{b)}		Exposure ^{c)}			The Newcastle-Ottawa Scale
	1	2	3	4	5A	5B	6	7	8	
Nafstad (2000) [1]	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	7
Montgomery (2000) [2]	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	7
Xu (2001) [3]	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	6
McKeever (2002) [4]	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	6
Bager (2003) [5]	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	7
Negele (2004) [6]	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	7
Renz-Polster (2005) [7]	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	6
Salam (2006) [8]	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	7
Miyake (2007) [9]	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	7
Westergaard (2005) [10]	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	6
Ehlayel (2008) [11]	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	7
Mallen (2008) [12]	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	6
Pistiner (2008) [13]	Yes	Yes	Yes	Yes	No	No	Yes	Yes	No	6
Park (2010) [14]	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	7
Goycochea Valdivia (2010) [15]	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	7
Jelding-Dannemand (2015) [16]	Yes	Yes	Yes	Yes	No	No	Yes	Yes	No	6
Li (2015) [17]	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	7
Bion (2016) [18]	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	6
Brandao (2016) [19]	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	7
Chu (2017) [20]	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	6
Bedolla-Barajas (2018) [21]	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	7
Krzych-Falta (2018) [22]	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	7
Han (2019) [23]	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	7
Kim (2019) [24]	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	7
Gorris (2020) [25]	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	7
Lu (2020) [26]	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	6
Tong (2020) [27]	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	7
Hu (2021) [28]	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	6
Meza-Lopez (2021) [29]	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	7
Tong (2022) [30]	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	7
Wang (2023) [31]	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	7

A star rating system was used to indicate the quality of a study, with a maximum of nine stars. A study could be awarded a maximum of one star for each numbered item within the selection and exposure categories.

^{a)}Selection (4 items): adequacy of case definition; representativeness of the cases; selection of controls; and definition of controls. ^{b)}Comparability (1 item): comparability of cases and controls on the basis of the design or analysis. ^{c)}Exposure (3 items): ascertainment of exposure; same method of ascertainment for cases and controls; and non-response rate (same rate for both groups).