

Supplementary Table 3. Quality assessment of non-randomized controlled studies

Study	Selection ^{a)}				Comparability ^{b)}		Exposure ^{c)}			Newcastle-Ottawa Scale
	1	2	3	4	5A	5B	6	7	8	
Jang et al. (2011) [3]	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Yes	7
Saafan et al. (2013) [4]	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Yes	7
Jung et al. (2013) [5]	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Yes	7
Lee et al. (2018) [6]	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Yes	7
Kim et al. (2021) [7]	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Yes	7
Chang et al. (2021) [8]	Yes	Yes	No	Yes	Yes	No	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).