

Table Supplementary 1. Quality assessment of included studies (Newcastle-Ottawa Scale)

Study	Selection		Comparability			Exposure		Score	
	Adequate definition of cases	Representativeness of the cases	Selection of control subjects	Definition of control subjects	Control for important factor or additional factor	Exposure assessment	Same method of ascertainment for all subjects		Non-response rate
Mera-Menendez F	1	0	0	1	2	1	1	0	6
Shieh TM	1	1	0	1	2	1	1	0	7
Chen MK	1	1	1	1	1	1	1	0	7
Munoz-Guerra MF	1	1	0	1	1	1	1	1	7
Tanimoto K	1	0	1	1	1	1	1	0	6
Prasad J	1	0	0	1	2	1	1	0	6
Alves LR	1	0	0	1	1	1	1	0	5

Table Supplementary 2. The risk of bias of included studies on the basis of the OHAT.

Study	Selection Bias	Confounding Bias	Exclusion Bias	Detection Bias			Other Bias
	Comparison groups	Variable assessment	Outcome data complete	Exposure characterization	Outcome assessment	Outcome reported	
Mera-Menendez F	++	++	+	++	++	++	+
Shieh TM	++	NR	NR	+	+	++	+
Chen MK	++	NR	+	++	++	++	+
Munoz-Guerra MF	++	+	+	++	++	++	+
Tanimoto K	++	NR	NR	++	++	+	+
Prasad J	++	NR	NR	++	++	+	+
Alves LR	++	+	NR	++	++	++	+

++ definitely low risk of bias

+ probably low risk of bias

NR probably high risk of bias