Supplementary Digital Content 3. Newcastle-Ottawa Scale for Risk of Bias Assessment of Studies

Study	Selection				Comparability	Outcome			Total	AHRQ standard
	1	2	3	4	5	6	7	8		
Lee et al., 2015[37]	*	*	*	*	**	*			7/9	Poor
Gustafsson et al., 2009[27]	*	*	*	*	**	*	*	*	9/9	Good
Goh et al., 2017[35]	*	*	*	*	**	*	*	*	9/9	Good
Goodenough et al. 2015[24]	*	*	*		**	*	*		7/9	Good
Kamarajah et al., 2018[26]	*	*	*		**	*	*		7/9	Good
Huang et al., 2017[34]	*	*	*		**	*	*		7/9	Good
Jones et al., 2017[25]	*	*	*	*	**	*	*	*	9/9	Good
Villamiel et al., 2019[29]	*	*	*	*	**	*	*	*	9/9	Good
Okamura et al., 2017[38]	*	*	*	*	**	*	*	*	9/9	Good
Oh et al., 2018[28]	*	*	*	*	**	*	*	*	9/9	Good
Chen et al., 2018[33]	*	*	*		**	*		*	7/9	Good
Zhou et al., 2019[32]	*	*	*	*	**	*	*	*	9/9	Good
Dai et al., 2017[31]	*	*	*		**	*	*	*	8/9	Good
Zhang et al., 2008[36]	*	*	*		**	*	*	*	8/9	Good
Wang et al., 2010[30]	*	*	*		**	*	*	*	8/9	Good

ITEMS

1. Representativeness of the exposed cohort
2. Selection of the non-exposed cohort
3. Ascertainment of exposure
4. Demonstration that outcome of interest was not present at start of study
5. Comparability of cohorts on the basis of the design or analysis
6. Assessment of outcome
7. Was follow-up long enough for outcomes to occur
8. Adequacy of follow up of cohorts