

Supplementary Material

Newcastle-Ottawa Criteria (Yes, No, Uncertain) for cross-sectional studies	Delaney et al.¹¹	Vargas et al.¹⁷	Yang et al.¹⁹	Kiefer et al.²⁰	Swartz et al.²¹	Mulder et al.²⁴	Graziano et al.²⁵	Teicher et al.²⁶	Mackey et al.²⁷	Perino et al.²⁸
Selection										
Representativeness of the sample	Yes	Uncertain	Yes	Yes	Yes	Yes	No	Yes	Yes	No
Non-responders	No	Yes	Uncertain	Yes	Yes	No	Yes	Yes	No	No
Ascertainment of the exposure (risk factor)	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Comparability										
The study controls for the most important factor	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
The study controls for any additional factor	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	No
Outcome										
Assessment of outcome	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Statistical test	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Evaluation	5	6	6	7	7	6	5	7	5	3

Newcastle-Ottawa Criteria (Yes, No, Uncertain) for case control studies	Lee et al.¹⁴	Nolfe et al.¹⁵	Lim et al.¹⁸	Lim et al.²³
Selection				
Is the case definition adequate?	Yes	Yes	Yes	Yes
Representativeness of the cases	Yes	Yes	Yes	Yes
Selection of Controls	No	No	Yes	Yes
Definition of Controls	Yes	Yes	Yes	Yes

Comparability				
The study controls for the most important factor	Yes	Yes	Yes	Yes
The study controls for any additional factor	Yes	Yes	Yes	Yes
Exposure				
Ascertainment of exposure	No	No	No	No
Same method of ascertainment for cases and controls	Yes	Yes	Yes	Yes
Non-response rate	Yes	Yes	Yes	Yes
Evaluation	7	7	8	8

Newcastle-Ottawa Criteria (Yes, No, Uncertain) for cohort and pre-post interventional studies	Quinlan et al.¹⁶	Kim et al.²⁹
Selection		
Representativeness of the exposed cohort	Yes	No
Selection of the non-exposed cohort	No	-
Ascertainment of exposure	Yes	Yes
Demonstration that outcome of interest was not present at start of study	No	Yes
Comparability		
The study controls for the most important factor	Yes	Yes
The study controls for any additional factor	Yes	Yes
Outcome		
Assessment of outcome	Yes	Yes
Was follow-up long enough for outcomes to occur?	Yes	Yes
Adequacy of follow-up of cohorts	Yes	Yes
Evaluation	7	7