

Supplementary Table 1. Meta-analysis of Observational Studies in Epidemiology (MOOSE) Checklist

	Reported on page
Reporting of background should include	
Problem definition	5
Hypothesis statement	5 and 6
Description of study outcomes	10-15, Table 1
Type of exposure or intervention used	10-15 Table 2 and 3
Type of study designs used	10-15, Table 1
Study population	10-15
Reporting of search strategy should include	
Qualifications of searchers (eg librarians and investigators)	1
Search strategy, including time period used in the synthesis and key words	7, Suppl Table 2
Effort to include all available studies, including contact with authors	All studies were available
Databases and registries searched	7
Search software used, name and version, including special features used (eg explosion)	7, Suppl Table 2
Use of hand searching (eg reference lists of obtained articles)	7, Figure 1
List of citations located and those excluded, including justification	10, Figure 1
Method of addressing articles published in languages other than English	All studies were published in English or Spanish
Method of handling abstracts and unpublished studies	The systematic review was limited to published studies
Description of any contact with authors	None
Reporting of methods should include	
Description of relevance or appropriateness of studies assembled for assessing the hypothesis to be tested	7 and 8

Rationale for the selection and coding of data (eg sound clinical principles or convenience)	7 and 8
Documentation of how data were classified and coded (eg multiple raters, blinding and interrater reliability)	8
Assessment of confounding (eg comparability of cases and controls in studies where appropriate)	There were no controlled studies
Assessment of study quality, including blinding of quality assessors, stratification or regression on possible predictors of study results	Figure 2
Assessment of heterogeneity	9
Description of statistical methods (eg complete description of fixed or random effects models, justification of whether the chosen models account for predictors of study results, dose-response models, or cumulative meta-analysis) in sufficient detail to be replicated	9
Provision of appropriate tables and graphics	Table 1-3, Figure 1-2, and Supplementary documents
Reporting of results should include	
Graphic summarizing individual study estimates and overall estimate	Not possible
Table giving descriptive information for each study included	Table 1-3.
Results of sensitivity testing (eg subgroup analysis)	Not enough studies were available
Indication of statistical uncertainty of findings	15
Reporting of discussion should include	
Quantitative assessment of bias (eg publication bias)	17, 18 and Figure 2
Justification for exclusion (eg exclusion of non-English language citations)	10 and Figure 1
Assessment of quality of included studies	8, 9 and Figure 2
Reporting of conclusions should include	
Consideration of alternative explanations for observed results	17, 18
Generalization of the conclusions (eg appropriate for the data presented and within the domain of the literature review)	17, 18
Guidelines for future research	17, 18

