

SUPPLEMENTAL MATERIAL

Table S1. Meta-analysis of Observational Studies in Epidemiology (MOOSE) Checklist.

Reporting of background should include:
- Problem definition
- Hypothesis statement
- Description of study outcome(s)
- Type of exposure or intervention used
- Type of study designs used
- Study population
Reporting of search strategy should include:
- Qualifications of searchers
- Search strategy, including time period included in the synthesis and keywords
- Effort to include all available studies, including contact with authors
- Databases and registries searched
- Search software used, name and version, including special features used
- Use of hand searching
- List of citations located and those excluded, including justification
- Method of addressing article published in languages other than English
- Method of handling abstracts and unpublished studies
- Description of any contact with authors
Reporting of methods should include:
- Description of relevance or appropriateness of studies assembled for assessing the hypothesis to be tested
- Rationale for the selection and coding of data
- Documentation of how data were classified and coded
- Assessment of confounding
- Assessment of study quality, including blinding of quality assessors, stratification or regression on possible predictors of study results
- Assessment of heterogeneity
- Description of statistical methods in sufficient details to be replicated
- Provision of appropriate tables and graphics
Reporting of results should include:
- Graphic summarizing individual study estimates and overall estimate
- Table giving descriptive information for each study included
- Results of sensitivity testing
- Indication of statistical uncertainty of findings
Reporting of discussion should include:
- Quantitative assessment of bias
- Justification for exclusion
- Assessment of quality of included studies

Reporting of conclusions should include:
- Consideration of alternative explanations of observed results
- Generalization of the conclusions
- Guidelines for future research
- Disclosure of funding source

Table adapted from Stroup et al. JAMA 2000;283:2008-12.

Table S2. Individual assessment for each meta-analysis (see Excel file).