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 (eg, librarians and investigators)  ✓
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 (eg, explosion)  ✓
Use of hand searching (eg, reference lists of obtained articles)  ✓
List of citations located and those excluded, including justification  ✓
Method of addressing articles 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Method of handling abstracts and unpublished studies  ✓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 (eg, sound clinical principles or convenience)  ✓
Documentation of how data were classified and coded (eg, multiple raters, blinding, and interrater reliability)  ✓
Assessment of confounding (eg, comparability of cases and controls in studies where appropriate)  ✓
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 (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  ✓
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 (eg, subgroup analysis)  ✓
Indication of statistical uncertainty of findings  ✓

Reporting of discussion should include
Quantitative assessment of bias (eg, publication bias)  ✓
Justification for exclusion (eg, exclusion of non–English-language citations)  ✓
Assessment of quality of included studies  ✓

Reporting of conclusions should include
Consideration of alternative explanations for observed results  ✓
Generalization of the conclusions (ie, appropriate for the data presented and within the domain of the literature review)  ✓
Guidelines for future research  ✓
Disclosure of funding source  ✓