

## Document S1. Checklist summarizing compliance with MOOSE guidelines

<b>Reporting background should include</b>	
Problem definition	Pages 4-11
Hypothesis statement	Page 10-11
Description	Pages 4-11
Type of exposure or intervention used	Pages 5-6
Type of study designs used	Page 10-11
Study population	Pages 10-11
<b>Reporting of search strategy should include</b>	
Qualifications of searches (e.g. librarians and investigators)	Page 12
Search strategy, including time period included in the synthesis and keywords	Page 12
Effort to include all available studies, including contact with authors	Page 12
Databases and registries searched	Page 12
Search software used, name and version, including special features	Page 12
Use of hand searching (e.g. reference lists of obtained articles)	Page 12
List of citations located and those excluded including justification	Pages 42-74
Method of addressing articles published in languages other than English	The authors of this manuscript are German, Italian and American. For this reason articles published in German and Italian were also searched. As two authors know respectively Spanish and French, these two languages were also considered.
Method of handling abstracts and unpublished studies	Unpublished literature was not considered (page 12)
Description of any contact with authors	Page 12
<b>Reporting methods should include</b>	
Description of relevance or appropriateness of studies assembled for assessing the hypothesis to be tested	Pages 11 and 12
Rationale for the selection and coding of data (eg, sound clinical principles or convenience)	Pages 11 and 12
Documentation of how data were classified and coded (eg, multiple raters, blinding, and interrater reliability)	Page 12
Assessment of confounding (eg, comparability of cases and controls in studies where appropriate)	Pages 11 and 12
Assessment of study quality, including blinding of quality assessors; stratification or regression on possible predictors of study results	Pages 14 and 15
Assessment of heterogeneity	Page 17
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	Pages 16 and 17
Provision of appropriate tables and graphics	Results section
<b>Reporting of results should include</b>	
Graphic summarizing individual study estimates and overall estimate	Tables 3-5 and Figure 2

Table giving descriptive information for each study included	Table S1
Results of sensitivity testing (eg, subgroup analysis)	Pages 20-23
Indication of statistical uncertainty of findings	Page 23
<b>Reporting of discussion should include</b>	
Quantitative assessment of bias (eg, publication bias)	Pages 30-31
Justification for exclusion (eg, exclusion of non-English-language citations)	Pages 11 and 12
Assessment of quality of included studies	Pages 30-31
<b>Reporting of conclusions should include</b>	
Consideration of alternative explanations for observed results	Page 31-32
Generalization of the conclusions (ie, appropriate for the data presented and within the domain of the literature review)	Page 31-32
Guidelines for future research	Page 31-32
Disclosure of funding source	Cover letter