1. Did the research questions and inclusion criteria for the review include the components of PICO?						
For Yes: Population Intervention Comparator group Outcome	Optional (recommended) Timeframe for follow-up		Yes No			
2. Did the report of the review contain an explicit statement that the review methods were established prior to the conduct of the review and did the report justify any significant deviations from the protocol?						
For Partial Yes: The authors state that they had a written protocol or guide that included ALL the following:	For Yes: As for partial yes, plus the protocol should be registered and should also have specified:	П	Yes			
□ review question(s) □ a search strategy □ inclusion/exclusion criteria □ a risk of bias assessment	 □ a meta-analysis/synthesis plan, if appropriate, and □ a plan for investigating causes of heterogeneity □ justification for any deviations from the protocol 		Partial Yes No			
3. Did the review authors explain their selection of the study designs for inclusion in the review?						
For Yes, the review should satisfy ONE of the following: Explanation for including only RCTs OR Explanation for including only NRSI OR Explanation for including both RCTs and NRSI			Yes No			
4. Did the review authors use a co	emprehensive literature search strategy?					
For Partial Yes (all the following): searched at least 2 databases (relevant to research question) provided key word and/or search strategy justified publication restrictions (e.g. language)	For Yes, should also have (all the following): searched the reference lists / bibliographies of included studies searched trial/study registries included/consulted content experts in the field where relevant, searched for grey literature conducted search within 24 months of completion of the review		Yes Partial Yes No			
5. Did the review authors perform study selection in duplicate?						
and achieved consensus on which ☐ OR two reviewers selected a same	ntly agreed on selection of eligible studies in studies to include ple of eligible studies and achieved good with the remainder selected by one		Yes No			

6. Did the	review authors perform d	ata exti	raction in duplicate?			
☐ at least trincluded☐ OR two achieved		om a sar			Yes No	
7. Did the	review authors provide a l	list of e	xcluded studies and justify the excl	usion	s?	
relevant	a list of all potentially studies that were read xt form but excluded	For Yes, □	must also have: Justified the exclusion from the review of each potentially relevant study		Yes Partial Yes No	
8. Did the	review authors describe th	he inclu	ded studies in adequate detail?			
☐ described☐ described☐ described☐ described☐		Followin	g: described population in detail described intervention in detail (including doses where relevant) described comparator in detail (including doses where relevant) described study's setting timeframe for follow-up		Yes Partial Yes No	
individu RCTs	al studies that were included	ded in t		bias (RoB) in	
For Partial Yes, m		For Yes, rom:	, must also have assessed RoB			
☐ unconcea☐ lack of b assessors outcome	aled allocation, and linding of patients and when assessing s (unnecessary for outcomes such as all-		allocation sequence that was not truly random, <i>and</i> selection of the reported result from among multiple measurements or analyses of a specified outcome		Yes Partial Yes No Includes only NRSI	
RoB:	founding, <i>and</i> ection bias	For Yes,	must also have assessed RoB: methods used to ascertain exposures and outcomes, <i>and</i> selection of the reported result from among multiple measurements or analyses of a specified outcome		Yes Partial Yes No Includes only RCTs	
	10. Did the review authors report on the sources of funding for the studies included in the review?					
in the		at the re	ding for individual studies included eviewers looked for this information lso qualifies		□ Yes □ No	

11. If meta-analysis was performed did the review authors use appropriate combination of results?	methods for statistical				
RCTs For Yes:					
 □ The authors justified combining the data in a meta-analysis □ AND they used an appropriate weighted technique to combine study results and adjusted for heterogeneity if present. □ AND investigated the causes of any heterogeneity 	☐ Yes☐ No☐ No meta-analysis conducted				
For NRSI For Yes:					
The authors justified combining the data in a meta-analysis ☐ AND they used an appropriate weighted technique to combine study results, adjusting for heterogeneity if present ☐ AND they statistically combined effect estimates from NRSI that were adjusted for confounding, rather than combining raw data, or justified combining raw data when adjusted effect estimates were not available ☐ AND they reported separate summary estimates for RCTs and NRSI separately when both were included in the review	☐ Yes☐ No☐ No meta-analysis conducted				
12. If meta-analysis was performed, did the review authors assess the potential impact of RoB in individual studies on the results of the meta-analysis or other evidence synthesis?					
For Yes: included only low risk of bias RCTs OR, if the pooled estimate was based on RCTs and/or NRSI at variable RoB, the authors performed analyses to investigate possible impact of RoB on summary estimates of effect.	☐ Yes☐ No☐ No meta-analysis conducted				
13. Did the review authors account for RoB in individual studies when interpreting/ discussing the results of the review?					
For Yes: included only low risk of bias RCTs OR, if RCTs with moderate or high RoB, or NRSI were included the review provided a discussion of the likely impact of RoB on the results	□ Yes □ No				
14. Did the review authors provide a satisfactory explanation for, and discussion of, any heterogeneity observed in the results of the review?					
For Yes: There was no significant heterogeneity in the results OR if heterogeneity was present the authors performed an investigation of sources of any heterogeneity in the results and discussed the impact of this on the results of the review	□ Yes □ No				
15. If they performed quantitative synthesis did the review authors carry out an adequate investigation of publication bias (small study bias) and discuss its likely impact on the results of the review?					
For Yes: performed graphical or statistical tests for publication bias and discussed the likelihood and magnitude of impact of publication bias	☐ Yes ☐ No ☐ No meta-analysis conducted				

16. Did the review authors report any potential sources of conflict of interest, including any funding they received for conducting the review?					
For Y	Yes	:			
		The authors reported no competing interests OR	[□ Yes	
		The authors described their funding sources and how they managed	[□ No	
		potential conflicts of interest			

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