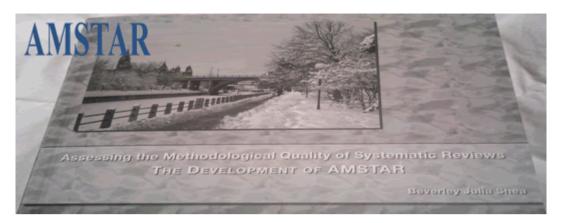
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AMSTAR Checklist

Article Name: A system	matic literature review and narrative synthesis on the risk factors	Printer Friendly Version
-	uestions and inclusion criteria for the review include the	components of PICO?
For Yes:	Optional (recommended)	
Population	☐ Timeframe for follow up	☐ Yes
☐ Intervention		✓ No
☐ Comparator group		
Outcome		

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:

conducted search within 24 months of

completion of the review

5. Did the review authors perform study selection in duplicate?

For Yes, either ONE of the following:

☑ at least two reviewers independently agreed on selection of eligible studies and achieved consensus on which studies to include

Yes No

\Box OR two reviewers selected a sample of eligible studies and achieved good agreement (at least 80 percent), with the remainder selected by one reviewer.					
6. Did the review authors perform data e	extraction in duplicate?				
For Yes, either ONE of the following:					
at least two reviewers achieved consensus studies	✓ Yes □ No				
$\ \square$ OR two reviewers extracted data from a sample of eligible studies and achieved good agreement (at least 80 percent), with the remainder extracted by one reviewer.					
	of excluded studies and justify the exclusio	ns?			
For Partial Yes:	For Yes, must also have:				
provided a list of all potentially relevant studies that were read in full-text form but excluded from the review	✓ Justified the exclusion from the review of each potentially relevant study	✓ Yes □ Partial Yes □ No			
8. Did the review authors describe the in					
For Partial Yes (ALL the following):	For Yes, should also have ALL the following:				
described populations	described population in detail	☐ Yes ✓ Partial Yes			
described interventions	described intervention in detail (including doses where relevant)	○ No			
described comparators	described comparator in detail (including doses where relevant)				
described outcomes	☐ described study's setting				
described research designs	☐ timeframe for follow-up				
9. Did the review authors use a satisfactors studies that were included in the review RCTs	ory technique for assessing the risk of bias?	s (RoB) in individual			
For Partial Yes, must have assessed RoB from	For Yes, must also have assessed RoB from:				

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□ unconcealed allocation, and □ allocation sequence random, and □ lack of blinding of patients and assessors □ selection of the	ence that was not truly Partial Yes reported result from
random, and ☐ lack of blinding of patients and assessors when assessing outcomes (unnecessary for objective outcomes such as all-cause random, and ☐ selection of the among multiple me of a specified outcomes for a specified outcomes.	Partial Yes reported result from
when assessing outcomes (unnecessary for objective outcomes such as all-cause of a specified outcomes	reported result from
mortality)	easurements or analyses Uncludes only NRSI
NRSI	
For Partial Yes, must have assessed RoB: For Yes, must also	have assessed RoB:
☐ from confounding, and ☑ methods used to and outcomes, and	to ascertain exposures
	reported result from easurements or analyses ome No Includes only RCTs
Lor Voc	for the studies included in the review?
For Yes Must have reported on the sources of funding for individual st review. Note: Reporting that the reviewers looked for this informareported by study authors also qualifies	udies included in the $\ \square$ Yes
 Must have reported on the sources of funding for individual st review. Note: Reporting that the reviewers looked for this informareported by study authors also qualifies 11. If meta-analysis was performed did the review authors 	udies included in the Yes ation but it was not No
 Must have reported on the sources of funding for individual st review. Note: Reporting that the reviewers looked for this informareported by study authors also qualifies 11. If meta-analysis was performed did the review authors 	udies included in the Yes ation but it was not No
 Must have reported on the sources of funding for individual st review. Note: Reporting that the reviewers looked for this information reported by study authors also qualifies 11. If meta-analysis was performed did the review authors combination of results? 	udies included in the Yes ation but it was not No
Must have reported on the sources of funding for individual st review. Note: Reporting that the reviewers looked for this information reported by study authors also qualifies 11. If meta-analysis was performed did the review authors combination of results? RCTs	udies included in the ation but it was not No use appropriate methods for statistical Yes
Must have reported on the sources of funding for individual st review. Note: Reporting that the reviewers looked for this information reported by study authors also qualifies 11. If meta-analysis was performed did the review authors combination of results? RCTs For Yes:	udies included in the Setion but it was not No use appropriate methods for statistical Setion but it was not Yes No

☐ Yes □ No

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For NRSI For Yes:

☐ The authors justified combining the data in a meta-analysis

	✓ No meta-analysis conducted
☐ 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	
$\hfill \square$ AND they reported separate summary estimates for RCTs and NRSI separately when both were included in the review	
12. If meta-analysis was performed, did the review authors assess the potential im individual studies on the results of the meta-analysis or other evidence synthesis?	pact of RoB in
For Yes:	
\square included only low risk of bias RCTs	Yes
$\ \square$ 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.	No✓ No meta-analysis conducted
13. Did the review authors account for RoB in individual studies when interpreting/results of the review?	discussing the
For Yes:	
☐ included only low risk of bias RCTs	☐ Yes ✓ No
$\ \square$ 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	
14. Did the review authors provide a satisfactory explanation for, and discussion of observed in the results of the review?	, any heterogeneity
For Yes:	
\square There was no significant heterogeneity in the results	✓ Yes □ No
✓ 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	

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15. If they performed quantitative synthesis did the review authors carry out an adoption bias (small study bias) and discuss its likely impact on the results of 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, inclu they received for conducting the review?	ding any funding	
For Yes:		
\square The authors reported no competing interests OR	Yes	
$\hfill\Box$ The authors described their funding sources and how they managed potential conflicts of interest	□ No	
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