

AMSTAR-2 criterion	Mirza et al	Tsikopoulos et al	Kim et al	McGuire et al	Krzak et al
1. Did the research questions and inclusion criteria for the review include the components of PICO?	Yes	Yes	Yes	Yes	Yes
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?	Partial Yes	No	No	Partial Yes	Yes
3. Did the review authors explain their selection of the study designs for inclusion in the review?	No	No	No	No	Yes

4. Did the review authors use a comprehensive literature search strategy?	No	No	Partial Yes	Partial Yes	Partial Yes
5. Did the review authors perform study selection in duplicate?	Yes	No	Yes	Yes	Yes
6. Did the review authors perform data extraction in duplicate?	No	No	Yes	Yes	Yes
7. Did the review authors provide a list of excluded studies and justify the exclusions?	No	No	No	No	Yes
8. Did the review authors describe the included studies in adequate detail?	No	Partial Yes	No	Partial Yes	Yes

9. Did the review authors use a satisfactory technique for assessing the risk of bias (RoB) in individual studies that were included in the review?	RCTs: Yes	RCTs: Partial yes	RCTs: Yes	RCTs: Yes	RCTs: Yes
	NRSI: included only RCTs	NRSI: included only RCTs	NRSI: included only RCTs	NRSI: Partial yes	NRSI: Yes
10. Did the review authors report on the sources of funding for the studies included in the review?	No	No	No	Yes	Yes
11. If meta-analysis was performed did the review authors use appropriate methods for statistical combination of results?	RCTs: No	RCTs: Yes	RCTs: Yes	RCTs: Yes	RCTs: Yes
	NRSI: No metaanalysis conducted	NRSI: No metaanalysis conducted	NRSI: No metaanalysis conducted	NRSI: Yes	NRSI: Yes

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?	Yes	Yes	Yes	Yes	Yes
13. Did the review authors account for RoB in individual studies when interpreting/discussing the results of the review?	No	Yes	No	Yes	Yes
14. Did the review authors provide a satisfactory explanation for, and discussion of, any heterogeneity observed in the results of the review?	Yes	Yes	Yes	Yes	Yes

<p>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?</p>	No	No	Yes	No	Yes
<p>16. Did the review authors report any potential sources of conflict of interest, including any funding they received for conducting the review?</p>	No	Yes	Yes	Yes	Yes
<p>Overall quality</p>	<p>Critically low</p>	<p>Critically low</p>	<p>Critically low</p>	<p>Critically low</p>	<p>High</p>