

Analysis of single group pretest-posttest studies (k = 4) using criteria of the Quality Assessment Tool for Before-After (Pre-Post) Studies With No Control Group

Criteria	Castello et al. (2018)	Drees & Mack (2012)	Parkes & Mallett (2011)	Sheard & Golby (2006)
1. Was the study question or objective clearly stated?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2. Were eligibility/selection criteria for the study population prespecified and clearly described?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3. Were the participants in the study representative of those who would be eligible for the test/service/intervention in the general or clinical population of interest?	CD	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4. Were all eligible participants that met the prespecified entry criteria enrolled?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5. Was the sample size sufficiently large to provide confidence in the findings?	NR	NR	NR	<input checked="" type="checkbox"/>
6. Was the test/service/intervention clearly described and delivered consistently across the study population?	CD	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7. Were the outcome measures prespecified, clearly defined, valid, reliable, and assessed consistently across all study participants?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CD
8. Were the people assessing the outcomes blinded to the participants' exposures/interventions?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9. Was the loss to follow-up after baseline 20% or less? Were those lost to follow-up accounted for in the analysis?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	NR
10. Did the statistical methods examine changes in outcome measures from before to after the intervention? Were statistical tests done that provided <i>p</i> values for the pre-to-post changes?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
11. Were outcome measures of interest taken multiple times before the intervention and multiple times after the intervention (i.e., did they use an interrupted time-series design)?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
12. If the intervention was conducted at a group level (e.g., a whole hospital, a community, etc.) did the statistical analysis take into account the use of individual-level data to determine effects at the group level?	NA	NA	NA	NA

Note. CD, Cannot determine; NA, Not applicable; NR, Not reported.