

Critical Review Form – Quantitative Studies
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Instructions: Use tab or arrow keys to move between fields, mouse or spacebar to check/uncheck boxes.

CITATION	Provide the full citation for this article in APA format:
STUDY PURPOSE Was the purpose stated clearly? <input type="checkbox"/> Yes <input type="checkbox"/> No	Outline the purpose of the study. How does the study apply to your research question?
LITERATURE Was relevant background literature reviewed? <input type="checkbox"/> Yes <input type="checkbox"/> No	Describe the justification of the need for this study:
DESIGN <input type="checkbox"/> Randomized (RCT) <input type="checkbox"/> cohort <input type="checkbox"/> single case design <input type="checkbox"/> before and after <input type="checkbox"/> case-control <input type="checkbox"/> cross-sectional <input type="checkbox"/> case study	Describe the study design. Was the design appropriate for the study question? (e.g., for knowledge level about this issue, outcomes, ethical issues, etc.): Specify any biases that may have been operating and the direction of their influence on the results:
SAMPLE N = Was the sample described in detail? <input type="checkbox"/> Yes <input type="checkbox"/> No Was sample size justified? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Sampling (who; characteristics; how many; how was sampling done?) If more than one group, was there similarity between the groups?: Describe ethics procedures. Was informed consent obtained?:

<p>OUTCOMES</p> <p>Were the outcome measures reliable? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not addressed</p> <p>Were the outcome measures valid? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not addressed</p>	Specify the frequency of outcome measurement (i.e., pre, post, follow-up):	
<p>INTERVENTION</p> <p>Intervention was described in detail? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not addressed</p> <p>Contamination was avoided? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not addressed <input type="checkbox"/> N/A</p> <p>Cointervention was avoided? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not addressed <input type="checkbox"/> N/A</p>	Outcome areas:	List measures used.:
<p>RESULTS</p> <p>Results were reported in terms of statistical significance? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Not addressed</p> <p>Were the analysis method(s) appropriate? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not addressed</p>	<p>What were the results? Were they statistically significant (i.e., $p < 0.05$)? If not statistically significant, was study big enough to show an important difference if it should occur? If there were multiple outcomes, was that taken into account for the statistical analysis?</p>	

<p>Clinical importance was reported?</p> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not addressed	<p>What was the clinical importance of the results? Were differences between groups clinically meaningful? (if applicable)</p>
<p>Drop-outs were reported?</p> <input type="checkbox"/> Yes <input type="checkbox"/> No	<p>Did any participants drop out from the study? Why? (Were reasons given and were drop-outs handled appropriately?)</p>
<p>CONCLUSIONS AND IMPLICATIONS</p> <p>Conclusions were appropriate given study methods and results</p> <input type="checkbox"/> Yes <input type="checkbox"/> No	<p>What did the study conclude? What are the implications of these results for practice? What were the main limitations or biases in the study?</p>