

Critical Review Form - Quantitative Studies

© Law, M., Stewart, D., Pollock, N., Letts, L., Bosch, J., & Westmorland, M., 1998
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CITATION:

Comments

STUDY PURPOSE: Was the purpose stated clearly? <input type="radio"/> Yes <input type="radio"/> No	Outline the purpose of the study. How does the study apply to occupational therapy and/or your research question?
LITERATURE: Was relevant background literature reviewed? <input type="radio"/> Yes <input type="radio"/> No	Describe the justification of the need for this study.
DESIGN: <input type="radio"/> randomized (RCT) <input type="radio"/> cohort <input type="radio"/> single case design <input type="radio"/> before and after <input type="radio"/> case-control <input type="radio"/> cross-sectional <input type="radio"/> 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.

Comments

<p>SAMPLE: N =</p> <p>Was the sample described in detail? <input type="radio"/> Yes <input type="radio"/> No</p> <p>Was sample size justified? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A</p>	<p>Sampling (who; characteristics; how many; how was sampling done?) If more than one group, was there similarity between the groups?</p> <p>Describe ethics procedures. Was informed consent obtained?</p>
<p>OUTCOMES:</p> <p>Were the outcome measures reliable? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not addressed</p> <p>Were the outcome measures valid? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not addressed</p>	<p>Specify the frequency of outcome measurement (i.e., pre, post, follow-up)</p> <p>Outcome areas (e.g., self-care, productivity, leisure). List measures used.</p> <hr style="border: none; border-top: 1px dashed black;"/>
<p>INTERVENTION: Intervention was described in detail? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not addressed</p> <p>Contamination was avoided? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not addressed <input type="radio"/> N/A</p> <p>Cointervention was avoided? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not addressed <input type="radio"/> N/A</p>	<p>Provide a short description of the intervention (focus, who delivered it, how often, setting). Could the intervention be replicated in occupational therapy practice?</p>

Comments

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