## Critical Review Form - Quantitative Studies

## © Law, M., Stewart, D., Pollock, N., Letts, L., Bosch, J., & Westmorland, M., 1998 McMaster University

CITATION:		
	Comments	
STUDY PURPOSE: Was the purpose stated clearly? O Yes O 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? O Yes O No	Describe the justification of the need for this study.	
DESIGN: O randomized (RCT) O cohort O single case design O before and after O case-control O cross-sectional O 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

SAMPLE: N =	Sampling (who; characteristics; how many; how was sampling done?) If more than one group, was there similarity between the groups?
Was the sample described in detail? O Yes O No	
Was sample size justified? O Yes O No O N/A	Describe ethics procedures. Was informed consent obtained?
OUTCOMES:	Specify the frequency of outcome measurement (i.e., pre, post, follow-up)
	Outcome areas (e.g., self-care, productivity, leisure). List measures used.
Were the outcome measures reliable? O Yes O No O Not addressed  Were the outcome measures valid? O Yes O No O Not addressed	
INTERVENTION: Intervention was described in detail?  O Yes O No O Not addressed Contamination was avoided? O Yes O No O Not addressed O N/A Cointervention was avoided? O Yes O No O Not addressed O N/A Cointervention was avoided? O Yes O No O Not addressed O N/A	Provide a short description of the intervention (focus, who delivered it, how often, setting). Could the intervention be replicated in occupational therapy practice?

## Comments

RESULTS: Results were reported in terms of statistical significance? O Yes O No O N/A O Not addressed	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?
Were the analysis method(s) appropriate? O Yes O No O Not addressed	
Clinical importance was reported? O Yes O No O Not addressed	What was the clinical importance of the results? Were differences between groups clinically meaningful? (if applicable)
Drop-outs were reported? O Yes O No	Did any participants drop out from the study? Why? (Were reasons given and were drop-outs handled appropriately?)
CONCLUSIONS AND CLINICAL IMPLICATIONS:  Conclusions were appropriate given study methods and results O Yes O No	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?