



EDUCATIONAL INTERVENTIONS CHECKLIST

How do you rate this paper? 1 2 3 4 5 6 7 8 9 10

1.0 OBJECTIVES AND HYPOTHESES

1.1	Are the objectives of the study clearly stated?	
1.2	Does the learning experience address a need identified by learners or teachers?	

2.0 DESIGN

2.1	Is the study design suitable for the objectives?	
2.2	Are the objectives specific, observable and achievable within the domain identified (skills, knowledge or attitudes)?	
2.3	Are the methods used within the design capable of measuring the phenomena that the intervention may produce?	
2.4	Are qualitative and quantitative methods used appropriately?	
2.5	Is there a clear description of the educational context for the intervention?	
2.6	Were the teachers and learners blinded to the study purpose?	
2.7	Were the assessors or examiners blinded to the learning method used?	
2.8	Who/what was studied?	
2.9	Was this the right sample to answer the objectives?	

2.10	Is the study large enough to achieve its objectives? Have sample size estimates been performed?	
2.11	Were all subjects accounted for?	
2.12	Were all appropriate outcomes considered?	
2.13	Has ethical approval been obtained if appropriate?	

3.0 MEASUREMENT AND OBSERVATION

3.1	Is it clear what was measured, how it was measured and what the outcomes were?	
3.2	Was the educational intervention of sufficient duration and intensity to bring about measurable change?	
3.3	Are the measurements valid?	
3.4	Are the measurements reliable?	
3.5	Are the measurements reproducible?	

4.0 PRESENTATION OF RESULTS

4.1	Are the basic data adequately described?	
4.2	Are the results presented clearly, objectively and in sufficient detail to enable readers to make their own judgement?	
4.3	Are the results internally consistent, i.e. do the numbers add up properly?	
4.4	Do comparison groups have similar prior knowledge of a subject?	

5.0 ANALYSIS

5.1	Are the data suitable for analysis?	
5.2	Are the methods appropriate to the data?	
5.3	Are any statistics correctly performed and interpreted?	

6.0 DISCUSSION

6.1	Are the results discussed in relation to existing knowledge on the subject and study objectives?	
6.2	Is the discussion biased?	

7.0 INTERPRETATION

7.1	Are the authors' conclusions justified by the data?	
7.2	What level of evidence has this paper presented? (using CEBM levels)	
7.3	Does the level of evidence justify any changes to practice proposed?	
7.4	Does this paper help me answer my problem?	

How do you rate this paper now? 1 2 3 4 5 6 7 8 9 10

In addition, answer the following questions with regards to local practice.

8.0 IMPLEMENTATION

8.1	Can any necessary change be implemented in practice?	
8.2	What aids to implementation exist?	
8.3	What barriers to implementation exist?	