

Supplementary material

Research culture in allied health: a systematic review

Donna Borkowski^{A,G}, Carol McKinstry^B, Matthew Cotchett^B, Cylie Williams^{C,D}, Terry Haines^{E,F}

^ABendigo Health, PO Box 126, Bendigo, Vic. 3552, Australia.

^BLa Trobe Rural Health School, La Trobe University, PO Box 199, Bendigo, Vic. 3552, Australia.

^CPeninsula Health-Community Health, PO Box 52, Frankston, Vic. 3199, Australia.

^DFaculty of Medicine, Nursing and Health Sciences, School of Physiotherapy, Monash University, PO Box 527, Frankston, Vic. 3199, Australia.

^ESouthern Physiotherapy Clinical School, Physiotherapy Department, Faculty of Medicine, Nursing and Health Sciences, Monash University, PO Box 527, Frankston, Vic. 3199, Australia.

^FAllied Health Research Unit, Monash Health, corner Kingston and Warrigal Roads, Cheltenham, Vic. 3192, Australia.

^GCorresponding author. Email: dborkowski@bendigohealth.org.au

Quantitative questions – Table 2

1. Was the purpose stated clearly?
2. Was the relevant background literature reviewed?
3. Design (not scored)
4. Sample
 - 4a. Was the sample described in detail?
 - 4b. Was the sample size justified?
5. Outcomes
 - 5a. Were the outcome measures reliable?
 - 5b. Were the outcome measures valid?
6. Intervention
 - 6a. Intervention was described in detail?
 - 6b. Contamination was avoided?
 - 6c. Co-intervention was avoided?
7. Results
 - 7a. Results were reported in terms of statistical significance?
 - 7b. Were the analysis method(s) appropriate?
 - 7c. Clinical importance was reported?
 - 7d. Drop-outs were reported?
8. Conclusion was appropriate, given the study methods and results?

Qualitative questions – Table 3

1. Was the purpose stated clearly?
2. Was the relevant background literature reviewed?
3. Design
 - 3a. Name of study design (not scored)
 - 3b. Was a theoretical perspective identified?
 - 3c. Method(s) used (not scored)
4. Sampling
 - 4a. Was the process of purposeful selection described?
 - 4b. Was sampling done until redundancy in data was reached?
 - 4c. Was informed consent obtained?

5. Data collection

Descriptive clarity

- 5a. Clear and complete description of site & participants?
- 5b. Role of researcher and relationship with participants?
- 5c. Identification of assumptions and biases of researcher?

Procedural rigour

- 5d. Procedural rigour was used in data collection strategies?

6. Data Analyses

Analytical rigour

- 6a. Data analyses were inductive?
- 6b. Findings were consistent with and reflective of data?

Auditability

- 6c. Decision trail developed?
- 6d. Process of analysing the data was described adequately?

Theoretical connections

- 6e. Did a meaningful picture of the phenomenon under study emerge?

7. Overall rigour

8. Conclusions and Implications

- 8a. Conclusions were appropriate given the findings?
- 8b. The findings contributed to theory development and future practice?