

Manuscript: Technical Factors Associated with Polypharmacy Management

Through Leavitt's Sociotechnical Model

Consolidated criteria for reporting qualitative studies (COREQ): 32-item checklist.

Developed from:

Tong A, Sainsbury P, Craig J. Consolidated criteria for reporting qualitative research (COREQ): a 32-item checklist for interviews and focus groups. *International Journal for Quality in Health Care*. 2007. Volume 19, Number 6: pp. 349 – 357

| No. Item | Guide questions/description | Reported on Page # |
|--|--|--|
| Domain 1: Research team and reflexivity | | |
| <i>Personal Characteristics</i> | | |
| 1. Inter viewer/facilitator | Which author/s conducted the interview or focus group? | Page 10 / Column 1 / paragraph 5 |
| 2. Credentials | What were the researcher's credentials? E.g. PhD, MD | Reported on the separate attachment due to the various Journals style (supplement 2) |
| 3. Occupation | What was their occupation at the time of the study? | Reported on the separate attachment due to the various Journals style (supplement 2) |
| 4. Gender | Was the researcher male or female? | Reported on the separate attachment due to the various Journals style (supplement 2) |

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| 5. Experience and training | What experience or training did the researcher have? | Reported on the separate attachment due to the various Journals style (supplement 2) |
| <i>Relationship with participants</i> | | |
| 6. Relationship established | Was a relationship established prior to study commencement? | Not reported on page Yes |
| 7. Participant knowledge of the interviewer | What did the participants know about the researcher? e.g. personal goals, reasons for doing the research | Page 2 (Column2, paragraph 4) Participants were briefed on the purpose of the study and understood it. Ethical had granted, participants reviewed the participant information documentation prior to giving their written informed consent to be involved. |
| 8. Interviewer characteristics | What characteristics were reported about the inter viewer/facilitator? e.g. Bias, assumptions, reasons and interests in the research topic | Reported on the separate attachment due to the various Journals style (supplement 2) |

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| Domain 2: study design | | |
| <i>Theoretical framework</i> | | |
| 9. Methodological orientation and Theory | What methodological orientation was stated to underpin the study? e.g. grounded theory, discourse analysis, ethnography, phenomenology, content analysis | Page 2 (Column 2) & page 3 (column 1, paragraph 1 and 2) |
| <i>Participant selection</i> | | |
| 10. Sampling | How were participants selected? e.g. purposive, convenience, consecutive, snowball | Page 2 (Column2, paragraph 3) |
| 11. Method of approach | How were participants approached? e.g. face-to-face, telephone, mail, email | |
| 12. Sample size | How many participants were in the study? | Page 3 (column 1, paragraph 3 & table 1) |
| 13. Non-participation | How many people refused to participate or dropped out? Reasons? | None |
| <i>Setting</i> | | |
| 14. Setting of data collection | Where was the data collected? e.g. home, clinic, workplace | Page 2 (Column2, paragraph 4) |
| 15. Presence of non-participants | Was anyone else present besides the participants and researchers? | No |
| 16. Description of sample | What are the important characteristics of the sample? e.g. demographic data, date | Page 3 Table 1 |
| <i>Data collection</i> | | |
| 17. Interview guide | Were questions, prompts, guides provided by the authors? Was it pilot tested? | Page 2 (Column2, paragraph 2) |

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| 18. Repeat interviews | Were repeat inter views carried out? If yes, how many? | No |
| 19. Audio/visual recording | Did the research use audio or visual recording to collect the data? | Page 2 (Column2, paragraph 4) |
| 20. Field notes | Were field notes made during and/or after the interview or focus group? | Page 2 (Column2) |
| 21. Duration | What was the duration of the inter views or focus group? | 90 to 120 min |
| 22. Data saturation | Was data saturation discussed? | Page 3 (Column1, paragraph 1) |
| 23. Transcripts returned | Were transcripts returned to participants for comment and/or correction? | No |
| Domain 3: analysis and findings | | |
| <i>Data analysis</i> | | |
| 24. Number of data coders | How many data coders coded the data? | One (The author) |
| 25. Description of the coding tree | Did authors provide a description of the coding tree? | Page 4 (Figure 1), Page 4 (Box 1.), Page 5 (Box 2.), Page 6 (Box 3.), Page 7 (Box 4.) |
| 26. Derivation of themes | Were themes identified in advance or derived from the data? | Page 3 (Column1, paragraph 2) Themes were derived from the data |
| 27. Software | What software, if applicable, was used to manage the data? | Page 3 (Column1, paragraph 2) |

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| | | Microsoft Word, MAXQDA10 and Excel |
| 28. Participant checking | Did participants provide feedback on the findings? | Yes |
| <i>Reporting</i> | | |
| 29. Quotations presented | Were participant quotations presented to illustrate the themes/findings? Was each quotation identified? e.g. participant number | Yes |
| 30. Data and findings consistent | Was there consistency between the data presented and the findings? | Yes |
| 31. Clarity of major themes | Were major themes clearly presented in the findings? | Page 4 (Figure 1), Page 4 (Box 1.), Page 5 (Box 2.), Page 6 (Box 3.), Page 7 (Box 4.) Yes |
| 32. Clarity of minor themes | Is there a description of diverse cases or discussion of minor themes? | Yes |