Supplementary Material

# Supplementary File 1: Consolidated criteria for Reporting Qualitative research (COREQ) : 32-item checklist

|  |  |  |  |
| --- | --- | --- | --- |
| No. | Item  | Guide Questions/Description  | Reported. |
| Domain 1: Research team and reflexivityPersonal characteristics |
| 1 | Interviewer/facilitator  | Which author/s conducted the interview or focus group?  | Chuanqi Ding and Limin Wang |
| 2 | Credentials  | What were the researcher’s credentials? E.g. PhD, MD  | Nursing master |
| 3 | Occupation  | What was their occupation at the time of the study?  | Nurse. |
| 4 | Gender  | Was the researcher male or female?  | 4Female, 1Male |
| 5 | Experience and training  | What experience or training did the researcher have?  | The first authors had special training in interviewing and all the others have extensive interview and qualitative research experience.  |
| Relationship with participants |
| 6 | Relationship established  | Was a relationship established prior to study commencement?  | Yes. |
| 7 | Participant knowledge of the interviewer  | What did the participants know about the researcher? e.g. personal goals, reasons for doing the research  | Purpose and content of the study |
| 8 | Interviewer characteristics  | What characteristics were reported about the interviewer/facilitator? e.g. Bias, assumptions, reasons and interests in the research topic  | Yes. |
| Domain 2: Study designTheoretical framework |
| 9 | Methodological orientation and Theory  | What methodological orientation was stated to underpin the study? e.g. grounded theory, discourse analysis, ethnography, phenomenology, content analysis  | Qualitative descriptive study and conventional content analysis |
| Participant selection |
| 10 | Sampling  | How were participants selected? e.g. purposive, convenience, consecutive, snowball  | Purposive. |
| 11 | Method of approach  | How were participants approached? e.g. face-to-face, telephone, mail, email  | Face-to-face and telephone |
| 12 | Sample size  | How many participants were in the study?  | 15 participants.  |
| 13 | Non-participation  | How many people refused to participate or dropped out? Reasons?  | No participant refused to participate or dropped out.  |
| Setting |
| 14 | Setting of data collection  | Where was the data collected? e.g. home, clinic, workplace  | Workplace and home |
| 15 | Presence of nonparticipants  | 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  | Described in Table 1 |
| Data collection |
| 17 | Interview guide  | Were questions, prompts, guides provided by the authors? Was it pilot tested?  | Yes.  |
| 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?  | Yes. |
| 20 | Field notes  | Were field notes made during and/or after the interview or focus group?  | Yes. |
| 21 | Duration  | What was the duration of the inter views or focus group?  | 40–60minutes. |
| 22 | Data saturation  | Was data saturation discussed?  | Yes. |
| 23 | Transcripts returned  | Were transcripts returned to participants for comment and/or correction?  | No. |
| Domain 3: analysis and findingsData analysis |
| 24 | Number of data coders  | How many data coders coded the data?  | Two authors.  |
| 25 | Description of the coding tree  | Did authors provide a description of the coding tree?  | N/A |
| 26 | Derivation of themes  | Were themes identified in advance or derived from the data?  | Yes |
| 27 | Software  | What software, if applicable, was used to manage the data?  | Nvivo 12 (QSR) |
| 28 | Participant checking  | Did participants provide feedback on the findings?  | No. |
| Reporting |  |  |
| 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?  | Yes.  |
| 32 | Clarity of minor themes  | Is there a description of diverse cases or discussion of minor themes?  | Yes.  |

Developed from: Tong, A., Sainsbury, P., & Craig, J. (2007). Consolidated criteria for reporting qualitative research (COREQ): a 32-item checklist for interviews and focus groups. International Journal for Quality in Health Care, 19(6), 349-357. doi: 10.1093/intqhc/mzm042