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

| No | Item | Guide questions/description | Reported on Page Number/Line Number | Reported on Section/Paragraph |
|----------|--|---|---|----------------------------------|
| Doma | in 1: Research team and reflex | ivity | | |
| Perso | nal Characteristics | | | |
| 1 | Interviewer/facilitator | Which author/s conducted the interview or focus group? | Page 3/Line21 | Methods/Paragraph3 |
| 2 | Credentials | What were the researcher's credentials? e.g. PhD, MD | Page3/Line24 | Methods/Paragraph3 |
| 3 | Occupation | What was their occupation at the time of the study? | Page3/Line18 | Methods/Paragraph3 |
| 4 | Gender | Was the researcher male or female? | Page 3/Line21 | Methods/Paragraph3 |
| 5 | Experience and training | What experience or training did the researcher have? | Page3/Line27-28 | Methods/Paragraph3 |
| Relation | onship with participants | | 1 | 1 |
| 6 | Relationship established | Was a relationship established prior to study commencement? | Page4/Line14 | Methods/Paragraph3 |
| 7 | Participant knowledge of the interviewer | What did the participants know about the researcher? e.g. personal goals, reasons for doing the research | Page4/Line14-17 | Methods/Paragraph3 |
| 8 | Interviewer characteristics | What characteristics were reported about the interviewer/facilitator? e.g. Bias, assumptions, reasons and interests in the research topic | N/A | N/A |
| Doma | in 2: study design | | 1 | |
| Theore | etical 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 discourse analysis, ethnography, phenomenology, content analysis | Page3/Line20 | Methods/Paragraph3 |
| Partici | pant selection | | | |
| 10 | Sampling | How were participants selected? e.g. purposive, convenience, consecutive, snowball | Page3/Line6 | Objects/Paragraph2 |
| 11 | Method of approach | How were participants approached? e.g. face-to-face, telephone, mail, email | Page4/Line10 | Methods/Paragraph3 |
| 12 | Sample size | How many participants were in the study? | Page3/Line15 | Objects/Paragraph2 |
| 13 | Non-participation | How many people refused to participate or dropped out? Reasons? | Page3/Line16 | Objects/Paragraph2 |

| Settin | g | | | |
|--------|--------------------------------|---|--|---------------------|
| 14 | Setting of data collection | Where was the data collected? e.g. home, clinic, workplace | Page4/Line18 | Methods/Paragraph3 |
| 15 | Presence of non-participants | Was anyone else present besides the participants and researchers? | Page4/Line11 | Methods/Paragraph3 |
| 16 | Description of sample | What are the important characteristics of the sample? e.g. demographic data, date | Page3/Line9-11 | Methods/Paragraph3 |
| Data | collection | | • | • |
| 17 | Interview guide | Were questions, prompts, guides provided by the authors? Was it pilot tested? | Page3/Line33-34 Page4/Line1-3 | Methods/Paragraph3 |
| 18 | Repeat interviews | Were repeat interviews carried out? If yes, how many? | N/A | N/A |
| 19 | Audio/visual recording | Did the research use audio or visual recording to collect the data? | Page4/Line20 | Methods/Paragraph3 |
| 20 | Field notes | Were field notes made during and/or after the interview or focus group? | Page4/Line22-24 | Methods/Paragraph3 |
| 21 | Duration | What was the duration of the interviews or focus group? | Page4/Line19 | Methods/Paragraph3 |
| 22 | Data saturation | Was data saturation discussed? | Page3/Line12-14 | Objects/Paragraph2 |
| 23 | Transcripts returned | Were transcripts returned to participants for comment and/or correction? | Page4/Line28-30 | Methods/Paragraph3 |
| Doma | ain 3: analysis and findingsz | | • | • |
| Data a | analysis | | | |
| 24 | Number of data coders | How many data coders coded the data? | N/A | N/A |
| 25 | Description of the coding tree | Did authors provide a description of the coding tree? | N/A | N/A |
| 26 | Derivation of themes | Were themes identified in advance or derived from the data? | Page4/Line33 | Methods/Paragraph3 |
| 27 | Software | What software, if applicable, was used to manage the data? | N/A | N/A |
| 28 | Participant checking | Did participants provide feedback on the findings? | Page4/Line28-30 | Methods/Paragraph3 |
| Repor | rting | | • | |
| 29 | Quotations presented | Were participant quotations presented to illustrate the themes/findings? Was each quotation identified? e.g. participant number | Page5-7 | |
| 30 | Data and findings consistent | Was there consistency between the data presented and the findings? | N/A | N/A |
| 31 | Clarity of major themes | Were major themes clearly presented in the findings? | Page5Line12 Page6/Line1 Page7/Line25 | Results/ Paragraph4 |
| 32 | Clarity of minor themes | Is there a description of diverse cases or discussion of minor themes? | Page5/Line7 | Results/ Paragraph4 |

| | Page5/Line26 | |
|--|-----------------|--|
| | Page6/Line2、13、 | |
| | 29 | |
| | Page7/Line11、26 | |
| | 34 | |

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*As the checklist was provided upon initial submission, the page number/line number reported may be changed due to copy editing and may not be referable in the published version. In this case, the section/paragraph may be used as an alternative reference.