**Appendix C**

**Results of Critical Appraisal**

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| --- | --- | --- | --- | --- | --- |
| Qualitative Studies | 1.1. Is the qualitative approach appropriate to answer the research question? | 1.2. Are the qualitative data collection methods adequate to address the research question? | 1.3. Are the findings adequately derived from the data? | 1.4. Is the interpretation of results sufficiently substantiated by data? | 1.5. Is there coherence between qualitative data sources, collection, analysis and interpretation? |
| Mulliner *et al.* (36) | Yes | Yes | Can’t tell | Yes | Yes |
| Othman *et al.* (38) | Yes | Yes | Yes | Yes | Yes |
| Soh (40) | Yes | Yes | Yes | Yes | Yes |
| Non-Randomised Studies | 3.1. Are the participants representative of the target population? | 3.2. Are measurements appropriate regarding both the outcome and intervention (or exposure)? | 3.3. Are there complete outcome data? | 3.4. Are the confounders accounted for in the design and analysis? | 3.5. During the study period, is the intervention administered (or exposure occurred) as intended? |
| Othman *et al.* (37) | Yes | Yes | No | Can’t tell | Yes |
| Quantitative Descriptive Studies | 4.1. Is the sampling strategy relevant to address the research question? | 4.2. Is the sample representative of the target population? | 4.3. Are the measurements appropriate? | 4.4. Is the risk of nonresponse bias low? | 4.5. Is the statistical analysis appropriate to answer the research question? |
| Bettinelli *et al.* (23) | Yes | Yes | Yes | Yes | Yes |
| Elias & Green (39) | Yes | Yes | Yes | No | Yes |
| Jeitler *et al.* (34) | Yes | Yes | Yes | Yes | Yes |
| Meulenbroeks *et al.* (24) | Yes | Can’t tell | Yes | Yes | Yes |
| Mulliner *et al.* (36) | Yes | Yes | Yes | Yes | Yes |
| Saintila *et al.* (41) | Yes | Yes | Yes | No | Yes |
| Soh (40) | Yes | Yes | Yes | No | Yes |
| Villette *et al.* (35) | Yes | Yes | Yes | Yes | Yes |
| Mixed Methods Studies | 5.1. Is there an adequate rationale for using a mixed methods design to address the research question? | 5.2. Are the different components of the study effectively integrated to answer the research question? | 5.3. Are the outputs of the integration of qualitative and quantitative components adequately interpreted? | 5.4. Are divergences and inconsistencies between quantitative and qualitative results adequately addressed? | 5.5. Do the different components of the study adhere to the quality criteria of each tradition of the methods involved? |
| Mulliner *et al.* (36) | Yes | Yes | Can’t tell | Can’t tell | Yes |
| Soh (40) | Yes | Yes | Yes | Yes | Yes |

*Note.* Mixed Methods Appraisal Tool adapted from Hong *et al.* (33