APPENDICES

Appendix 1

The multifield search query was: (((TITLE-ABS-KEY (quality AND improvement*)) OR (TITLE-ABS-KEY (quality AND control*)) OR (TITLE-ABS-KEY (quality AND assurance*)) OR (TITLE-ABS-KEY (policy*)) OR (TITLE-ABS-KEY (program AND evaluation*)))) OR (((TITLE-ABS-KEY (system AND improvement*)) OR (TITLE-ABS-KEY (influencing AND factors*)) OR (TITLE-ABS-KEY (barriers*)) OR (TITLE-ABS-KEY (facilitators*)) OR (TITLE-ABS-KEY (improvement AND factors*)))) AND (((TITLE-ABS-KEY (surveys* AND questionnaires*)) OR (TITLE-ABS-KEY (behavior*)) OR (TITLE-ABS-KEY (self AND concept*)) OR (TITLE-ABS-KEY (self AND concept*)) OR (TITLE-ABS-KEY (work AND experience*)) OR (TITLE-ABS-KEY (personal AND experience*))) OR (TITLE-ABS-KEY (experience*)) OR (TITLE-ABS-KEY (health AND personnel AND attitude*)))) AND (((TITLE-ABS-KEY (safety AND incidents*)) OR (TITLE-ABS-KEY (near AND miss*)) OR (TITLE-ABS-KEY (medication AND errors*)) OR (TITLE-ABS-KEY (medical AND errors*)) OR (TITLE-ABS-KEY (sentinel AND surveillance*)))) AND (((TITLE-ABS-KEY (incident AND reporting AND system*)) OR (TITLE-ABS-KEY (patient AND safety AND learning AND system*)) OR (TITLE-ABS-KEY (prevention AND strategies*))) OR (((TITLE-ABS-KEY (safety AND management*)) OR (TITLE-ABS-KEY (risk AND management*)) OR (TITLE-ABS-KEY (patient AND safety*)) OR (TITLE-ABS-KEY (adverse AND drug AND reaction AND reporting AND systems*))) AND (TITLE-ABS-KEY (hospital*))).
Appendix 2

JBI QARI Data Extraction Tool for Qualitative Research

Reviewer ___________________________ Date ___________________________

Author ___________________________ Year ___________________________

Journal ___________________________ Record Number ___________________________

Study Description

Methodology

Method

Phenomena of interest

Setting

Geographical

Cultural

Participants

Data analysis

Authors conclusions

Comments

Complete ☐ Yes ☐ No ☐

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<table>
<thead>
<tr>
<th>Findings</th>
<th>Illustration form Publication (page number)</th>
<th>Evidence</th>
</tr>
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Extraction of findings complete [ ] Yes [ ] No [ ]

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Appendix 3: CASP-Qualitative-Checklist

**Section A: Are the results valid?**

<table>
<thead>
<tr>
<th>Question</th>
<th>Yes</th>
<th>Can't Tell</th>
<th>No</th>
<th>HINT: Consider</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Was there a clear statement of the aims of the research?</td>
<td></td>
<td></td>
<td></td>
<td>why it was thought important</td>
</tr>
<tr>
<td>2. Is a qualitative methodology appropriate?</td>
<td></td>
<td></td>
<td></td>
<td>if the research speaks to interpret or illuminate the experiences of research participants</td>
</tr>
<tr>
<td>3. Was the research design appropriate to address the aims of the research?</td>
<td></td>
<td></td>
<td></td>
<td>if the researcher has justified the research design (e.g. how they decided which method to use)</td>
</tr>
<tr>
<td>4. Was the recruitment strategy appropriate to the aims of the research?</td>
<td></td>
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</tr>
<tr>
<td>5. Was the data collected in a way that addressed the research issue?</td>
<td></td>
<td></td>
<td></td>
<td>if the researcher has justified the methods chosen</td>
</tr>
</tbody>
</table>

**Comments:**
6. Has the relationship between researcher and participants been adequately considered?
   - Yes
   - Can’t Tell
   - No

   **HINT:** Consider:
   - If the researcher critically examined their own role, potential bias and influence during (a) formulation of the research questions (b) data collection, including sample recruitment and choice of location
   - How the researcher responded to events during the study and whether they considered the implications of any changes in the research design

   **Comments:**

---

**Section B: What are the results?**

7. Have ethical issues been taken into consideration?
   - Yes
   - Can’t Tell
   - No

   **HINT:** Consider:
   - If there are sufficient details of how the research was explained to participants for the reader to assess whether ethical standards were maintained
   - If the researcher has discussed issues raised by the study (e.g. issues around informed consent or confidentiality or how they have handled the effects of the study on the participants during and after the study)
   - If approval has been sought from the ethics committee

   **Comments:**
8. Was the data analysis sufficiently rigorous?

<table>
<thead>
<tr>
<th></th>
<th>Yes</th>
<th>Can't Tell</th>
<th>No</th>
</tr>
</thead>
</table>

**HINT:** Consider:
- If there is an in-depth description of the analysis process.
- If thematic analysis is used, if so, if it clear how the categories/themes were derived from the data.
- Whether the researcher explains how the data presented were selected from the original sample to demonstrate the analysis process.
- If sufficient data are presented to support the findings.
- To what extent contradictory data are taken into account.
- Whether the researcher critically examined their own role, potential bias and influence during analysis and selection of data for presentation.

**Comments:**

9. Is there a clear statement of findings?

<table>
<thead>
<tr>
<th></th>
<th>Yes</th>
<th>Can't Tell</th>
<th>No</th>
</tr>
</thead>
</table>

**HINT:** Consider whether:
- If the findings are explicit.
- If there is adequate discussion of the evidence both for and against the researcher’s arguments.
- If the researcher has discussed the credibility of their findings (e.g. triangulation, respondent validation, more than one analyst).
- If the findings are discussed in relation to the original research question.

**Comments:**

---

**Section C: Will the results help locally?**

10. How valuable is the research?

**HINT:** Consider:
- If the researcher discusses the contribution the study makes to existing knowledge or understanding (e.g. do they consider the findings in relation to current practice or policy, or relevant research-based literature).
- If they identify new areas where research is necessary.
- If the researchers have discussed whether or how the findings can be transferred to other populations or considered other ways the research may be used.

**Comments:**