How is this working for you? Early insights from a masterclass to advance frontline rehabilitation nursing research

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Navigating the research process: from here to here

Background
- Nurses more than ever have higher education1,2, but are under-engaged with research vs. other health professionals3.
- Nurse-led research is impeded by lack of experience, knowledge or skills, lack of insight into the complexity of the research process, and the perennial problems of being time-poor and having inadequate resources and support4.
- Stronger research capacity and culture can enable nurse-led, practice-relevant research and its dissemination5,6,7.

Rationale
Nurse-led research can improve the quality of rehabilitation care, and showcase rehabilitation nursing as a specialty.

Purpose
To assess the value and impact of a research masterclass program for rehabilitation nurses.

Method
Mixed methods, pre-post evaluation.

Sample and setting
11 rehabilitation nurses practising within Metro South Health, Queensland, Australia

Early results

<table>
<thead>
<tr>
<th>Aim</th>
<th>1. Value of Masterclass</th>
<th>2. Impact of Masterclass</th>
<th>3. Experiences of research process</th>
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<tbody>
<tr>
<td>Focus</td>
<td>Satisfaction with workshop.</td>
<td>Engagement with research.</td>
<td>Participants’ experiences with a mentored research project.</td>
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<td>Method</td>
<td>1-page self-administered survey at end of each workshop.</td>
<td>4-page self-administered survey at workshops; baseline demographics.</td>
<td>Group interview in second workshop; audio-recorded and transcribed for deductive/inductive thematic analysis.</td>
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<td>Measure</td>
<td>New world reaction sheet8: 21 statements across 9 domains, 4-point Likert scale to rate level of agreement.</td>
<td>Research Spider9: 4 domains (experience, confidence, interest, opportunity), each with 10 items, 5-point Likert scale to rate level of impact.</td>
<td>Open-ended questions: 1) expectations and experiences; 2) how mentoring influenced current involvement in research; 3) broader engagement with nursing research.</td>
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Results
- **Fig. 1** Satisfaction with workshop (agreed/strongly agreed)
- **Fig. 2** Changes in research engagement mean scores at workshop 2

Provisional conclusions
- The workshop evaluations suggest the Masterclass supports a keen pre-existing interest in and desire for nurse-led rehabilitation research.
- Participants remained highly interested in research, and their experience, confidence and opportunity increased between the workshops.
- Participants remained committed to their research goals in a landscape that included opportunities for colleagues and their practice specialty.

References

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