

**Article title:** Mixed Methods Evaluation of the Impact of Allied Health – Translating Research into Practice (AH-TRIP) Program on the Knowledge Translation Capacity of the Allied Health Workforce

**Journal name:** International Journal of Health Policy and Management (IJHPM)

**Authors' information:** Adrienne M. Young<sup>1,2\*</sup>, Alita Rushton<sup>1,3</sup>, Ashley Cameron<sup>4,5</sup>, Nina Meloncelli<sup>6,5</sup>, Shelley A. Wilkinson<sup>7,8</sup>, Rachele Pitt<sup>4</sup>, Kathryn McFarlane<sup>9</sup>, Katrina L. Campbell<sup>1,5</sup>, Gillian Harvey<sup>10</sup>, Ingrid J. Hickman<sup>11</sup>

<sup>1</sup>Centre for Health Services Research, Faculty of Medicine, The University of Queensland, Brisbane, QLD, Australia.

<sup>2</sup>Dietetics and Food Services, Royal Brisbane and Women's Hospital, Brisbane, QLD, Australia.

<sup>3</sup>School of Health Sciences and Social Work, Griffith University, Gold Coast, QLD, Australia.

<sup>4</sup>Office of the Chief Allied Health Officer, Queensland Health, Brisbane, QLD, Australia.

<sup>5</sup>Healthcare Excellence and Innovation, Metro North Hospital and Health Service, Brisbane, QLD, Australia.

<sup>6</sup>Office of the Chief Allied Health Practitioner, Metro North Allied Health, Brisbane, QLD, Australia.

<sup>7</sup>Department of Obstetric Medicine, Mater Mothers' Hospitals, Brisbane, QLD, Australia.

<sup>8</sup>School of Pharmacy, Faculty of Health and Behavioural Sciences, The University of Queensland, Brisbane, QLD, Australia.

<sup>9</sup>Allied Health, Cairns and Hinterland Hospital and Health Service, Cairns, QLD, Australia.

<sup>10</sup>Caring Futures Institute, College of Nursing and Health Sciences, Flinders University, Adelaide, SA, Australia.

<sup>11</sup>ULTRA Team, Clinical Trial Capability, Centre for Clinical Research, The University of Queensland, Brisbane, QLD, Australia.

\*Correspondence to: Adrienne M. Young; Email: [a.m.young@uq.edu.au](mailto:a.m.young@uq.edu.au)

**Citation:** Young AM, Rushton A, Cameron A, et al. Mixed methods evaluation of the impact of Allied Health – Translating Research into Practice (AH-TRIP) program on the knowledge translation capacity of the allied health workforce. Int J Health Policy Manag. 2025;14:8910. doi:[10.34172/ijhpm.8910](https://doi.org/10.34172/ijhpm.8910)

**Supplementary file 1**

**Table S1. Mixed Methods Reporting in Rehabilitation & Health Sciences Checklist**

Instruction	Y/N; comments
<b>TITLE</b>	
Concisely describes the topic of the study identifying the study as mixed methods	Y
<b>INTRODUCTION/ BACKGROUND</b>	
Summarizes key elements using <i>journal specific</i> abstract format; For example: Introduction, Methods, Results, Discussion, and Significance/potential impact to rehabilitation and/or societal health	Y
Includes literature review on the topic of interest (quantitative, qualitative, and mixed)	Y
Identifies gap that justifies the need for mixed methods approach	Y – page 3, lines 28-31
Clearly states overarching goal of the study that supports a mixed methods approach	Y- page 5, lines 1-4
States the rationale for using mixed methods research	Y – page 3, lines 28-31
Clearly identifies discrete aim(s) for qualitative and quantitative components	N/A – single aim however the framework used necessitates mixed methods (as explained in the methods)
Aims align with corresponding component methods	N/A
Provides statement of significance and potential impact	Y – page 3, lines 30-31
<b>METHODS</b>	
<p><b>Design</b> – Clearly describes the mixed methods design (exploratory sequential, explanatory sequential, concurrent, etc.) used to accomplish the overarching goal of the project:</p> <ul style="list-style-type: none"> <li>• <i>Emphasis noted</i> (i.e., Sequential QUAL--&gt; quan or QUAN--&gt; qual; Concurrent QUAL + QUAN)</li> <li>• <i>Visual display of overall design highlighting integration</i> (e.g., model, flow chart, figure)</li> </ul>	Y – page 5, lines 14-15
Describes and supports the qualitative and quantitative methodologies (phenomenology, randomized control trial) used to accomplish the discrete aim(s) of the project	Y – page 5, lines 7-21

States researcher(s) background and contributions to project (e.g. content or methods expertise, relationships to participants)	Y – page 8, lines 10-12
Identifies setting (e.g. hospital system, geographical location)	Y – page 7, lines 2-3
<b>Subjects/Participants</b> - Clearly describes and supports the following: <ul style="list-style-type: none"> <li>• Sampling and recruitment</li> <li>• Inclusion/Exclusion criteria</li> <li>• Ethical considerations (consent process, researcher relationship with participants)</li> </ul>	Y  Page 7, lines 14-29.  Page 9, lines 27-28
<b>Data collection</b> - Clearly describes and supports the following: <ul style="list-style-type: none"> <li>• Pilot study (if applicable)</li> <li>• Instrumentation (validity, reliability)</li> <li>• Implementation matrix (e.g. data source, timeline, type, anticipated outcomes)</li> </ul>	Y - page 8, lines 6-8 N/A
<b>Data analysis</b> - Clearly states and describes analysis procedures for: <ul style="list-style-type: none"> <li>• Qualitative</li> <li>• Quantitative</li> <li>• Mixed Methods (integration)</li> </ul>	Y – page 8, lines 31-33 Y – page 8, lines 29-31 Y – page 8, line 26
<b>Methodological Rigor</b> – Clearly describes steps taken to establish rigor: <ul style="list-style-type: none"> <li>• Qualitative (e.g. credibility, dependability, confirmability, transferability)</li> <li>• Quantitative (e.g. validity, reliability, generalizability)</li> <li>• Mixed Methods (validity or legitimacy)</li> </ul>	Y – page 8, line 33; page 9, lines 1-3, 13-16.
<b>RESULTS/FINDINGS</b>	
<b>Clearly presents findings for study components:</b> <ul style="list-style-type: none"> <li>• Qualitative (includes data exemplars)</li> <li>• Quantitative</li> <li>• Mixed Methods: Provides integrated findings/overall study results (e.g., joint display)</li> </ul>	Y – pages 12-16; page 20 Y - page 10, lines 6-14; Y – page 7-19
<b>DISCUSSION</b>	

<ul style="list-style-type: none"> <li>• <i>Incorporates discussion on implications of integrated findings</i></li> <li>• Provides synthesis and interpretation of findings in the context of existing literature and theoretical/conceptual framework</li> <li>• Includes subsection of limitations</li> </ul>	<p>Y – pages 22-25</p> <p>Y – page 25</p>
---	---

Reference: Tovin MM, Wormley ME. Systematic Development of Standards for Mixed Methods Reporting in Rehabilitation Health Sciences Research. *Phys Ther.* 2023 Nov 4;103(11):pzad084. doi: 10.1093/ptj/pzad084. PMID: 37672215.