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ADMINISTRATIVE INFORMATION**Support** - Western Health.**Review Stage at time of this submission** - Preliminary searches.**Conflicts of interest** - None declared.**INPLASY registration number:** INPLASY202440036**Amendments** - This protocol was registered with the International Platform of Registered Systematic Review and Meta-Analysis Protocols (INPLASY) on 07 April 2024 and was last updated on 07 April 2024.**INTRODUCTION**

Review question / Objective This study was completed to update and demonstrate the current state of the field in critical care research on the role of consumer and community involvement, not as participants but involvement as partners in the research design, conduct, implementation and evaluation. It also aimed to evaluate this impact on critical care research and comment on any gaps and future directions in the field.

Background Patient and family engagement within critical care research has gained significant momentum over the last decade within health care research. This is due to the benefits and positive effects shown to have on health outcomes, engagement, quality of care and health care system costs.

Rationale A previous review completed by Haines et al. in 2017 found that a model of patient and family engagement in critical care does not exist and that there is an untapped opportunity and

need to complete documented processes of consumer engagement that reflect the evolving field of critical care research and consumer and community involvement.

METHODS

Strategy of data synthesis Search strategy will be developed by Western Health Librarian using the following key terms: Intensive Care (Adult and Paediatric), Critical Care, Caregivers, Lived Experience, Patient Involvement, Patient Participation, Partnership, Stakeholders, Consumers, Research design, Research priority setting, Involvement, Engagement, Research Participation, Consumer Engagement, Experience based co-design, Consumer and Community Involvement, Participatory action research, Consumer advisory committee. This will be searched over 5 databases: Ovid Medline, Ovid Embase, Pubmed, CINHALL, Web of Science.

Eligibility criteria Inclusion: Empirical studies in the area of critical care (Including Adult and

Paediatric populations) that include consumer engagement as defined by Wiles et al 2022 "as an informed dialogue between an organisation and consumers, carers and the community which encourages participants to share ideas, opinions and undertakes collaborative decision making, sometimes as partners" and involved consumers in their study as defined by the IAP2 Public Participation Spectrum.

Case reports, reviews, editorials, theses and commentaries were also included.

Source of evidence screening and selection

Titles and Abstracts will be screened by 2 independent reviewers for eligibility using Covidence. Full text articles will then be sourced and screened by 2 independent reviewers using Covidence. Any discrepancies will be resolved by an independent third reviewer.

Data management Data of full texts included will be extracted using tables and figures via online platform covidence.

Reporting results / Analysis of the evidence

Articles included will be qualitatively analysed due to heterogeneity of articles included.

Presentation of the results Results will be presented as a qualitative analysis with figures and tables to complement analysis and will be published in an academic journal for dissemination of results found.

Language restriction English Only.

Country(ies) involved Australia (University of Melbourne).

Keywords Critical Care; Consumer Engagement; Experience Based Co-Design; Consumer and Community Involvement; Participatory Action Research.

Dissemination plans Publication in academic journal.

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