### **ABSTRACT SUBMISSION TEMPLATE**

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**Presentation or session title** (100 characters)

Partnering with clinicians to develop an intervention to improve response to patient clinical deterioration

**Presenting Author(s)\***

Dr Rachel Walker

\*Please only list the authors who will be attending the summit. If your abstract is accepted, all authors must register for summit in order for your abstract to appear in the program. For a panel, please list all panel members. We will not accept proposals for all-male panels.

**Affiliation**

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**Country of residence**

Australia

**Type of session** (please select from the dropdown list)

**Individual presentation**

**Theme** (please select from the dropdown list)

Methods for impact and implementation evaluation and synthesis

**Objectives/aims** (Please describe the objectives and/or aims of the study or activity you wish to present on, or for the panel you suggest to include in the GEIS 2018 program. Max 600 characters.)

The overall objective of this study was to improve timely recognition and response to patient clinical deterioration by clinicians to reduce preventable adverse events. However the aim of this presentation is to report upon the development and implementation of an intervention based upon an understanding the barriers and facilitators that influence clinicians within the specific context of the participating wards.

**Methods** (What methods were used as part of your study or activity? If you are submitting a panel proposal, what will be the format of your session? Max 600 characters.)

The overarching framework of this study used a Knowledge Translation approach to inform the development of a behaviour-change intervention. To identify the problem we explored individual, group and organisational behaviours during one-on-one and group interviews to assess the barriers and facilitators to timely recognition and response to clinical deterioration. Following an initial inductive analysis of the interview data, we then analysed transcripts deductively using the TDF domains. These domains were then mapped to Michie and colleagues’ Behaviour Change Wheel to develop an intervention in partnership with clinicians for implementation in the participating clinical settings.

**Main findings** (Please describe the results and/or outcomes of your study or activity. If you are submitting a panel proposal, describe the expected results from this panel. Max 600 characters.)

Seven broad themes were identified as significant to both clinical settings: 1) information transfer, 2) ownership of the patient, 3) escalation of the patient, 4) knowledge, skills, education and training, 5) culture, 6) emotion 7), and 8) environment. Key components of the intervention focused on education, training and communication for both sites. However there were variations related to specific needs and resources of each participating ward.

**Please note: If you are submitting an abstract for a symposium or panel**, please ensure your responses above describe the aims and intended results for your panel. Under ‘methods’, please include a description of your session format and panel participants.