

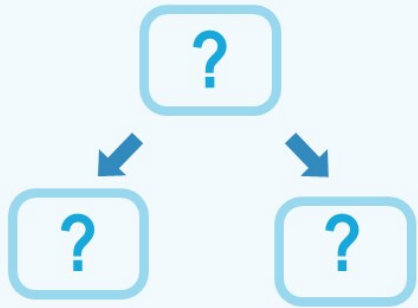


Systems Thinking Incident Investigation (STIR) tool

ISCRR Research Impact Showcase 2023

Professor Sharon Newnam

History of STIR



Underpinned by Rasmussen's Risk Management framework and associated Accimap technique

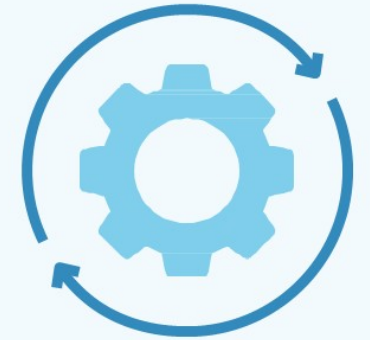


ISCRR Research Impact Showcase 2023

Helps investigate injuries and generate actions to prevent future injuries



Assists in identifying factors contributing to an injury across all levels of the systems



Guides practitioners to generate actions that can create systemic change

Steps in the Tool



Summary



Identifying
Stakeholders



Identifying
Factors

ISCRR Research Impact Showcase 2023



Accimap



Revision of
Risk Controls



Identifying
Recommendations

Implementation of the Tool



A two-hour webinar



A four-hour workshop



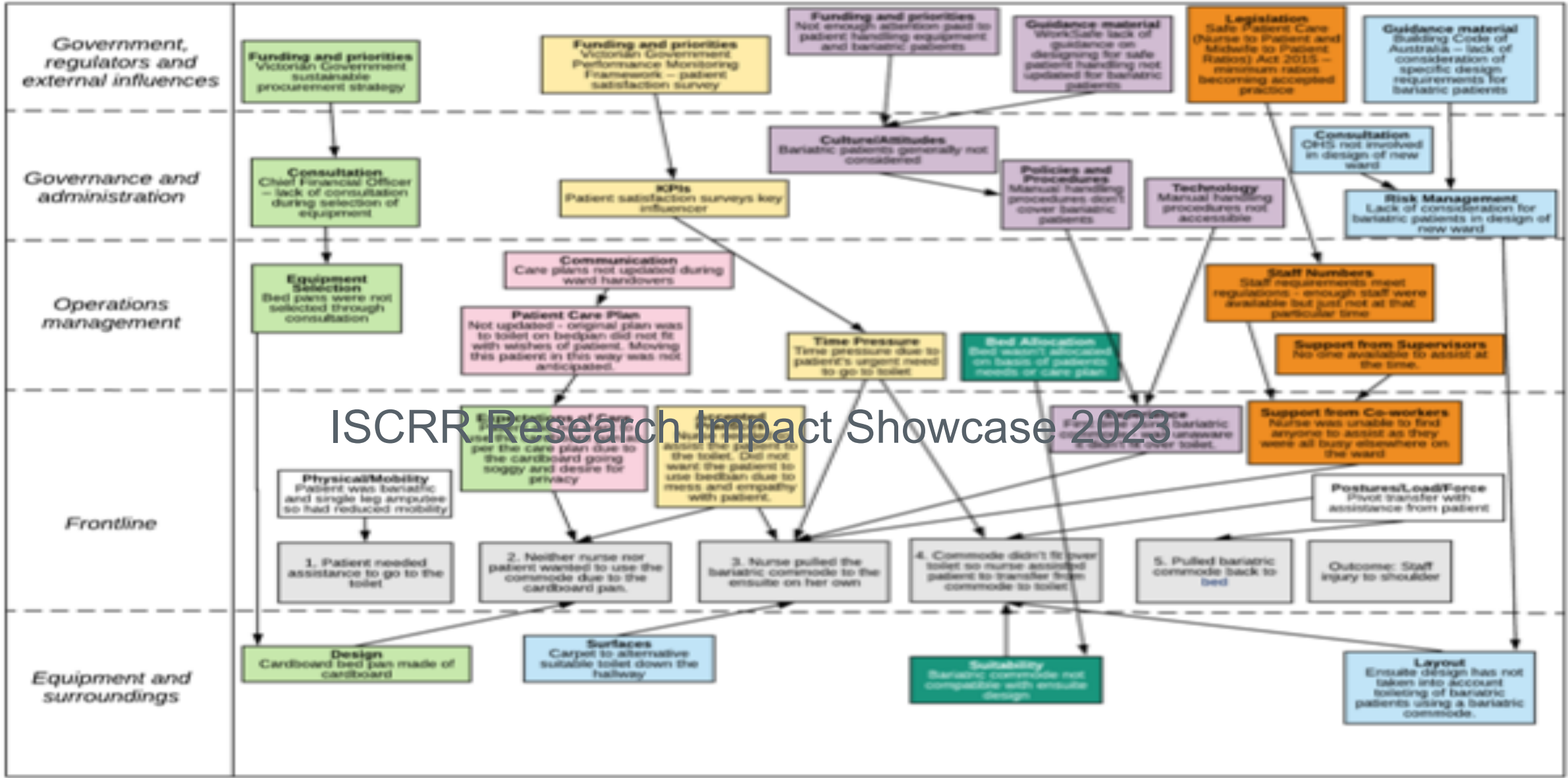
Follow-up coaching

ISCRR Research Impact Showcase 2023

Support for the STIR App



ISCRR Research Impact Showcase 2023



Feedback from Users of the Tool



ISCRRT Research Impact Showcase 2023

Feedback from Users of the Tool



Encourage a more comprehensive and considered approach to investigation and development of controls



Help identify trends that influenced incidents, especially higher levels of the system



Facilitate collaboration around investigation and development of controls



Provide justification to senior management for implementing controls

ISCRR Research Impact Showcase 2023

Feedback from Users of the Tool



The Accimap is a useful tool when communicating key issues through to higher level management as it allows us to identify where the key responsibilities for actions exists.



Moving forward I would consider using it for cluster reviews (defined as 2-3 similar incidents) at low harm risk rating level 4 and for an entered incident at moderate to high risk harm ratings alongside standard site investigation protocols where detailed Systems Review becomes apparent.

ISCRR Research Impact Showcase 2023



The steps of the tool are easy to work through and the process is very helpful in prompting a comprehensive investigation of particular incidents.



Next steps for STIR



Engage in on-line training
to use the STIR app



Use the STIR app to
investigate workplace injuries



Engage in one follow-up
coaching session



Provide feedback on use
of the STIR app

Contact Details

Professor Sharon Newnam

Head of School, Psychology and Counselling

M: 0422 723 957

E: s.newnam@qut.edu.au | SCRR Research Impact Showcase 2023

