STIR Accident Investigation Toolkit

STIR, the Systems Thinking Incident Review is a toolkit for investigating injuries in the workplace. It consists of targeted prompts and an accompanying data collection guide that assists practitioners in identifying the factors contributing to an injury across all levels of the systems, not only factors focused on error of frontline staff or equipment failure. The toolkit also guides practitioners in generating actions that have the capability to create systemic change. It provides a standardised method for investigating injuries and generating actions to prevent future injuries.

WorkSafe Victoria has funded a project to further develop the toolkit and gain a better understanding of the long-term benefits of a systems-thinking application to incident investigation.

In this next stage the program will:

Create an app that makes the STIR Toolkit easy and accessible for practitioners to use

Develop an online training program to support the reliable implementation of the STIR App

Evaluate the cultural, safety and financial benefits generated by using the STIR toolkit

If you are interested in being a part of this next step, we are currently recruiting health services and aged care facilities to trial and evaluate the toolkit.

What does participation in this project involve?

Engage in on-line training to use the STIR app

Use the STIR app to investigate workplace injuries over a two-year period

Engage in one follow-up coaching session following completion of the first STIR investigation.

Provide feedback on use the STIR app

In pilot testing across Victoria the toolkit has shown to:

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

A snapshot of the development and evaluation of the toolkit can be located here:
www.monash.edu/muarc/research/research-areas/workplace-safety/phires-project