



Introduction to Improvement Science

Safety & Quality Essentials Pathway eLearning

Do you want to make a difference to the safety and quality of your local service?

Enhance your skills to apply the basics of Improvement Science.

Introduction to Improvement Science is relevant for anyone wanting to learn to improve the safety, quality and patient experience of their service.

The following interactive modules will guide you through '14 steps' to plan, undertake and measure improvements, using a driver diagram:

- Introduction to Improvement Science
- Project planning phase (steps 1 to 3)
- Diagnostic phase (steps 4 to 8)
- Intervention/testing phase (steps 9 to 11)
- Measuring Impact phase (steps 12 to 13)
- Spread / Sustain Improvement (Step 14)

Who is the program for?

Suitable for anyone wishing to learn and apply the basics of improvement science.

Learning objectives

On completion of this program you will be able to describe:

- the Model for Improvement.
- the importance of a multidisciplinary improvement team and project sponsor.

- A range of ways to explore and measure the problem being improved (baseline data, flow chart, affinity diagram etc).
- how to create and interpret driver diagram.
- steps in a Plan-Do-Study-Act (PDSA) cycle.
- how to spread, scale up and sustain improvement initiatives.
- How to interpret outcome, process and balancing measures using run charts, pareto charts and histogram.

What is included?

1. Introduction to Improvement Science eLearning My Health Learning Code 378591148.
2. Downloadable companion workbook to assist in planning a local improvement.

Safety & Quality Essentials Pathway

The Introduction to Improvement Science program sits within the Safety & Quality Essentials Pathway.

These programs aim to develop your capability to influence safety and quality improvement in your local workplace.

Learning outcomes for this program have been mapped at the intermediate level of the NSW Healthcare Safety and Quality Capabilities.



Search for **Introduction to Improvement Science** in  **MY HEALTH LEARNING**

The NSW Health Safety & Quality Essentials Pathway and resources are designed to support healthcare organisations in meeting the National Safety and Quality Health Service NSQHS Clinical Governance Standard requirements.