Quality Improvement Toolkit Matrix

Method or Tool	Purpose of Tool	Holistic Understanding your system: System of Profound Knowledge	Aim statement: MFI QI	Developing Measures: MFI Q2	Identifying and prioritising change ideas: MFI Q3	Testing changes: PDSA
1 Improvement science for quality improvement	To understand methods to systematically enhance processes, systems, and outcomes to achieve better efficiency, effectiveness, and satisfaction	✓	✓	✓	✓	✓
2 Model for Improvement (MFI)	Identify, define, and diagnose a problem, create a theory of change and test change ideas	✓	✓	✓	✓	✓
3 Partnering for quality Improvement	How you can partner in your QI work as well as utilise Safer Care Victoria's Partnering in Healthcare framework	✓	✓	✓	✓	✓
4 Co-design and partnering planning canvas template	Provides a framework for planning your partnering and/or co-design work	✓	✓	✓	✓	✓
5 Understanding Variation	Helps understand the system, diagnose problems, and know if change leads to an improvement.	✓	✓	✓		
6 Building your QI Team	Identify diverse range of talent, knowledge, and skill for improvement work	✓	✓	✓	✓	✓
7 Aim Statements	Identify diverse range of talent, knowledge, and skill for improvement work		✓			
8 Theory of Change	What you want to achieve from your improvement project and a timeframe for achieving it.	✓	✓	✓	✓	
9 Driver Diagrams	A visual tool that helps to build and communicate your theory of change	✓	✓	✓	✓	
10 Process Maps	Simple picture of process/system		✓	✓	✓	

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11 5 Whys	Uncover understanding or reasons behind problems		✓		✓	
12 Cause & Effect Diagram	Organise knowledge about possible causes of a problem/outcome		✓	✓	✓	
13 Family of Measures	A set of measures to really understand the impact of your changes		✓	✓	✓	
14 Run Chart	Display data over time, visualise variation in a system/process	✓	✓	✓	✓	✓
15 Control Charts	Tools used to determine if a process is stable (in a state of statistical control)	✓	✓	✓	✓	
16 Pareto Chart	Identify areas for improvement in a stable process		✓		✓	✓
17 Histogram	Understand location, spread, shape and pattern of data			✓	✓	✓
18 Scatter Plot	Understand association or relationship between 2 variables		✓	✓	✓	
19 PDSA (Short and Long forms)	Plan, organise and keep track of testing, implementation and spread of changes			✓		
20 PDSA Ramping	Testing your change ides under different conditions to grow your degree of belief the change idea will result in improvement			✓		✓
21 RASCI Matrix	Visually displays the different roles for each member involved in a project	✓	✓	✓	✓	✓
22 Effort Impact Matrix	Focus your activity and energy and prioritise your change ideas		✓		✓	✓