

Appendix Table 2. The extent each item was included, as reported by road testing participants.

<i>Did you include each of the following items from the SQUIRE 1.6 Guidelines in the section you submitted?</i>	Item included In full	Item included In part	Item included Not at all
Items	Freq. (%)		
Introduction (n=13)			
Nature and severity of the local problem, and its context.	11 (84.6%)	2 (15.4%)	0 (0.0%)
Selective summary of current knowledge of the problem and prior studies relevant to the improvement.	11 (84.6%)	2 (15.4%)	0 (0.0%)
Specific aim of the improvement and intent of this report.	13 (100.0%)	0 (0.0%)	0 (0.0%)
Methods (n=10)			
Context elements that influenced the improvement, and reasons these elements were considered important.	5 (50.0%)	3 (30.0%)	2 (20.0%)
The logic on which the improvement was based, including the mechanism by which the improvement was expected to work.	8 (80.0%)	2 (20.0%)	0 (0.0%)
Description of the improvement, in sufficient detail that others can reproduce it.	10 (100.0%)	0 (0.0%)	0 (0.0%)
Study design (e.g., qualitative, quasi-experimental, experimental, mixed methods, time series) chosen for assessing the implementation of the improvement.	8 (80.0%)	0 (0.0%)	2 (20.0%)
Process and outcome measures used for the improvement, including rationale for the choice of measures, their validity and reliability.	6 (60.0%)	4 (40.0%)	0 (0.0%)
Assessment methods for context factors that contributed to the success, failure, efficiency, and cost of the improvement.	1 (10%)	6 (60.0%)	3 (30.0%)
Methods employed to ensure completeness of data.	3 (30.0%)	4 (40.0%)	3 (30.0%)
Qualitative and quantitative (e.g., statistical process control) methods used to draw inferences from the data on efficacy and understand the variation.	8 (80.0%)	1 (10.0%)	1 (10.0%)

Results (n=15)			
Initial steps of the improvement and how it evolved over time (<i>e.g.</i> , time-line diagram, flow chart, or table).	8 (53.3%)	5 (33.3%)	2 (13.3%)
Process and clinical outcomes of the improvement.	12 (80.0%)	3 (20.0%)	0 (0.0%)
Observed associations between outcomes, improvement, and relevant contextual factors.	12 (80.0%)	3 (20.0%)	0 (0.0%)
Unintended consequences such as benefits, harms, unexpected results, problems, or failures associated with the improvement.	8 (53.3%)	5 (33.3%)	2 (13.3%)
Account for missing data and efforts to overcome data inadequacy	8 (53.3%)	4 (26.7%)	3 (20.0%)
Discussion (n=5)			
Key findings, including relevance to the study aim.	5 (100.0%)	0 (0.0%)	0 (0.0%)
Relation of the key findings to the original logic and the mechanisms by which the study was expected to work.	5 (100.0%)	0 (0.0%)	0 (0.0%)
Particular strengths of the work.	5 (100.0%)	0 (0.0%)	0 (0.0%)
Strength of the relationship between the improvement and the outcomes.	3 (60.0%)	1 (20.0%)	1 (20.0%)
Clinical significance of the improvement.	4 (80.0%)	0 (0.0%)	1 (20.0%)
Reasons for any differences between observed and expected outcomes, including contextual components.	3 (60.0%)	1 (20.0%)	1 (20.0%)
Comparison of study results with findings from other studies.	3 (60.0%)	1 (20.0%)	1 (20.0%)
Confounding, bias, or imprecision in the improvement's design, methods, measurement, or analysis.	2 (40.0%)	2 (40.0%)	1 (20.0%)
Limits to generalizability.	4 (80.0%)	1 (20.0%)	0 (0.0%)
Efforts made to minimize and adjust for the study's limitations.	2 (40.0%)	2 (40.0%)	1 (20.0%)
Overall utility of the improvement.	3 (60.0%)	1 (20.0%)	1 (20.0%)
Implications of this work for further studies of improvement.	5 (100.0%)	0 (0.0%)	0 (0.0%)
Costs and strategic trade-offs, including opportunity costs.	1 (20.0%)	0 (0.0%)	4 (80.0%)
Modifications of the improvements to advance future work	4 (80.0%)	1 (20.0%)	0 (0.0%)
Likely future course of the improvements observed.	4 (80.0%)	1 (20.0%)	0 (0.0%)