

Standards for Quality Improvement Reporting Excellence (SQUIRE) Checklist

Manuscript ID:

Section/Topic	Checklist Item	Response
Title		
Title	Title Indicates that the manuscript concerns an initiative to improve healthcare (broadly defined to include the quality, safety, effectiveness, patient centeredness, timeliness, cost, efficiency, and equity of healthcare)	
Introduction		
Problem description	Describes the nature and significance of the local problem	
Available knowledge	Summarizes what is currently known about the problem, including relevant previous studies	
Specific aims	Describes the purpose of the project and of this report	
Methods		
Context	Describes the contextual elements considered important at the outset of introducing the intervention(s)	
Intervention(s)	Describes the intervention(s) in sufficient detail that others could reproduce it	
	Provides specifics of the team involved in the work	
Study of the Intervention(s)	Describes how the effect of the intervention(s) were assessed	
	Described the approach used to establish whether the observed outcomes were due to the intervention(s)	
Measures	Describes the measures chosen for studying processes and outcomes of the intervention(s), including the rationale for choosing them, their operational definitions, and their validity and reliability	
	Describes the approach to the ongoing assessment of contextual elements that contributed to the success, failure, efficiency, and cost	
	Describes the methods employed for assessing completeness and accuracy of data	
Analysis	Describes the qualitative and quantitative methods used to draw inferences from the data	
	Describes the methods for understanding variation within the data, including the effects of time as a variable	
Ethical Considerations	Describes the ethical aspects of implementing and studying the intervention(s) and how they were addressed, including, but not limited to, formal ethics review and potential conflict(s) of interest	
Results		
Results	Describes the initial steps of the intervention(s) and their evolution over time (e.g., time-line diagram, flow chart, or table), including modifications made to the intervention during the project	
	Provides details of the process measures and outcome	
	Describes contextual elements that interacted with the intervention(s)	
	Describes observed associations between outcomes, interventions, and relevant contextual elements	
	Describes unintended consequences such as unexpected benefits, problems, failures, or costs associated with the intervention(s).	
	Provides details about missing data	
Discussion		
Summary	Describes the key findings, including relevance to the rationale and specific aims	
	Describes particular strengths of the project	
Interpretation	Describes the nature of the association between the intervention(s) and the outcomes	
	Compares the results of this project with findings from other publications	
	Describes the impact of the project on people and systems	
	Describes the reasons for any differences between observed and anticipated outcomes, including the influence of context	
	Details the costs and strategic trade-offs, including opportunity costs of the intervention	

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Discussion		
Limitations	Describes limits to the generalizability of the work	
	Discusses factors that might have limited internal validity such as confounding, bias, or imprecision in the design, methods, measurement, or analysis	
	Describes efforts made to minimize and adjust for limitations	
Conclusions	Describes the usefulness of the work	
	Discusses the potential for and barriers to sustainability	
	Describes the potential for spread to other contexts	
	Discusses implications for practice and for further study in the field	
	Describes suggested next steps	

Source: Husereau D, Drummond M, Petrou S, Carswell C, Moher D, Greenberg D, Augustovski F, Briggs AH, Mauskopf J, Loder E. Consolidated Health Economic Evaluation Reporting Standards (CHEERS) statement. *BMJ* 2013; 346: f1049