

Additional File 2: Standards for Reporting Implementation Studies (StaRI) Checklist

Checklist item	Reported on page #	Implementation Strategy	Reported on page #	Intervention
		“Implementation strategy” refers to how the intervention was implemented		“Intervention” refers to the healthcare or public health intervention that is being implemented.
Title and abstract				
Title	1	1		Identification as an implementation study, and description of the methodology in the title and/or keywords
Abstract	2	2-3		Identification as an implementation study, including a description of the implementation strategy to be tested, the evidence-based intervention being implemented, and defining the key implementation and health outcomes.
Introduction				
Introduction	3	5		Description of the problem, challenge or deficiency in healthcare or public health that the intervention being implemented aims to address.
Rationale	4	7-9	6-7	The scientific background and rationale for the implementation strategy (including any underpinning theory/framework/model, how it is expected to achieve its effects and any pilot work).
Aims and objectives	5	9		The aims of the study, differentiating between implementation objectives and any intervention objectives.
Methods: description				
Design	6	10		The design and key features of the evaluation, (cross referencing to any appropriate methodology reporting standards) and any changes to study protocol, with reasons
Context	7	10		The context in which the intervention was implemented. (Consider social, economic, policy, healthcare, organisational barriers and facilitators that might influence implementation elsewhere).
Targeted ‘sites’	8	10-11	11	The characteristics of the targeted ‘site(s)’ (e.g locations/personnel/resources etc.) for implementation and any eligibility criteria.
Description	9	11-12	12-13	A description of the implementation strategy
Sub-groups	10	NA		Any sub-groups recruited for additional research tasks, and/or nested studies are described
Methods: evaluation				
Outcomes	11	13	13	Defined pre-specified primary and other outcome(s) of the implementation strategy, and how they were assessed. Document any pre-determined targets
Process evaluation	12	NA		Defined pre-specified primary and other outcome(s) of the intervention (if assessed), and how they were assessed. Document any pre-determined targets
				Process evaluation objectives and outcomes related to the mechanism by which the strategy is expected to work

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Economic evaluation	13	NA	NA	Methods for resource use, costs, economic outcomes and analysis for the intervention
Sample size	14	13		Rationale for sample sizes (including sample size calculations, budgetary constraints, practical considerations, data saturation, as appropriate)
Analysis	15	15-16		Methods of analysis (with reasons for that choice)
Sub-group analyses	16	NA		Any a priori sub-group analyses (e.g. between different sites in a multicentre study, different clinical or demographic populations), and sub-groups recruited to specific nested research tasks
Results				
Characteristics	17	16	17	Proportion recruited and characteristics (if appropriate) of the recipient population for the intervention
Outcomes	18	17-18	18-19	Primary and other outcome(s) of the Intervention (if assessed)
Process outcomes	19	NA		Process data related to the implementation strategy mapped to the mechanism by which the strategy is expected to work
Economic evaluation	20	NA	NA	Resource use, costs, economic outcomes and analysis for the intervention
Sub-group analyses	21	NA		Representativeness and outcomes of subgroups including those recruited to specific research tasks
Fidelity/adaptation	22	NA	NA	Fidelity to delivering the core components of intervention (where measured)
Contextual changes	23	NA		Contextual changes (if any) which may have affected outcomes
Harms	24	NA		All important harms or unintended effects in each group
Discussion				
Structured discussion	25	19-24		Summary of findings, strengths and limitations, comparisons with other studies, conclusions and implications
Implications	26	20-24	20-24	Discussion of policy, practice and/or research implications of the intervention (specifically including sustainability)