Appendices:

Appendix 1: Table displaying the PRISMA-P 2015 Checklist

PRISMA-P 2015 Checklist

This checklist to be used for the Systematic Reviews protocol submission was adapted from Table 3 in Moher D et al: Preferred reporting items for systematic review and meta-analysis protocols (PRISMA-P) 2015 statement. Systematic Reviews 2015 4:1

Section and Topic	#	Checklist Item	Information reported		Page number(s)
			Yes	No	
Administrative information					
Title					
identification	1a	Identify the report as a protocol of a systematic review	☐	☒	
Update	1b	If the protocol is for an update of a previous systematic review, identify as such	☐	☒	
Registration	2	If registered, provide the name of the registry (such as PROSPERO) and registration number	☐	☒	
Authors					
Contact	3a	Provide name, institutional affiliation, e-mail address of all protocol authors; provide physical mailing address of corresponding author	☒	☐	1
Contributions	3b	Describe contributions of protocol authors and identify the guarantor of the review	☒	☐	11
Amendments	4	If the protocol represents an amendment of a previously completed or published protocol, identify as such and list changes; otherwise, state plan for documenting important protocol amendments	☐	☒	
Support					
Sources	5a	Indicate sources of financial or other support for the review	☒	☐	11

Section and Topic	#	Checklist Item	Information reported		Page number(s)
			Yes	No	
Sponsor	5b	Provide name for the review funder and/or sponsor	☒	☐	11
Role of Sponsor or Funder	5c	Describe roles of funder(s), sponsor(s), and/or institution(s), if any, in developing the protocol	☒	☐	11
Introduction					
Rationale	6	Describe the rationale for the review in the context of what is already known	☒	☐	3-4
Objectives	7	Provide an explicit statement of the question(s) the review will address with reference to participants, interventions, comparators, and outcomes (PICO)	☒	☐	6
Methods					
Eligibility criteria	8	Specify the study characteristics (such as PICO, study design, setting, time frame) and report characteristics (such as years considered, language, publication status) to be used as criteria for eligibility for the review	☒	☐	7-8
Information sources	9	Describe all intended information sources (such as electronic databases, contact with study authors, trial registers or other grey literature sources) with planned dates of coverage	☒	☐	6-7
Search strategy	10	Present draft of search strategy to be used for at least one electronic database, including planned limits, such that it could be repeated	☒	☐	17
Study records:					
Data management	11a	Describe the mechanism(s) that will be used to manage records and data throughout the review	☒	☐	7
Selection process	11b	State the process that will be used for selecting studies (such as two independent reviewers) through each phase of the review (that is, screening, eligibility and inclusion in meta-analysis)	☒	☐	7

Section and Topic	#	Checklist Item	Information	Page

			reported		number(s)
			Yes	No	
Data collection process	11c	Describe planned method of extracting data from reports (such as piloting forms, done independently, in duplicate), any processes for obtaining and confirming data from investigators	☒	☐	7, 18
Data items	12	List and define all variables for which data will be sought (such as PICO items, funding sources), any pre-planned data assumptions and simplifications	☒	☐	7-8
Outcomes and prioritization	13	List and define all outcomes for which data will be sought, including prioritization of main and additional outcomes, with rationale	☒	☐	7-10 18
Risk of bias in individual studies	14	Describe anticipated methods for assessing risk of bias of individual studies, including whether this will be done at the outcome or study level, or both; state how this information will be used in data synthesis	☐	☒	
Data synthesis	15a	Describe criteria under which study data will be quantitatively synthesised	☐	☒	
	15b	If data are appropriate for quantitative synthesis, describe planned summary measures, methods of handling data and methods of combining data from studies, including any planned exploration of consistency (such as I2 , Kendall's τ)	☐	☒	
	15c	Describe any proposed additional analyses (such as sensitivity or subgroup analyses, meta-regression)	☐	☒	
	15d	If quantitative synthesis is not appropriate, describe the type of summary planned	☐	☒	
Meta bias(es)	16	Specify any planned assessment of meta-bias(es) (such as publication bias across studies, selective reporting within studies)	☐	☒	
Confidence in cumulative evidence	17	Describe how the strength of the body of evidence will be assessed (such as GRADE)	☐	☒	

Appendix 2: Proposed MEDLINE Literature Search Strategy

Concept	Medical Subject Headings (MeSH)	Search terms
Health Information Technologies	Medical Informatics/	electronic patient record* OR electronic medical record* OR personal health record* OR Health information exchange or technology OR telemedicine OR text message* OR sms OR telephone OR computerized decision support system OR public health informatic* OR cellular phone* OR smartphone* OR mobile* OR ipad* or computer-assisted OR user-computer interface OR personal digital assistant OR computer* OR handheld OR electronic wearable device* OR electronic wearable technology OR data
Primary Prevention	Quality of Life/ tobacco use/ smoking/ dietary services/ preventive health services/ early intervention (education)/ early medical intervention/ health education/ primary prevention/ immunization/	exercise OR physical activity OR diet OR healthy behavior* OR weightloss OR weight change OR weight reduction OR weight management OR weight gain OR smoking cessation OR disease prevention

Appendix 3: Data abstraction form

Reviewer		**Date**
Scoping review of Health information technology used for primary prevention in preventive medicine		
Publication Information		
Study		**First Author**
Year of Publication	**Journal**	
Country	**Discipline**	
Health information technology(ies) studied		
Objective 1	**General description of the health information technology(ies) studied**	
	The primary prevention purpose of the health information technology	
Objective 2	**Primary prevention patient outcome(s) studied**	
Objective 3	**Is there a comparator to the health information technology, if so, how is it different than the comparator?**	