

SPIRIT 2013 Checklist: Recommended items to address in a clinical trial protocol and related documents*

Section/item	Item No	Description	Reported on Page Number/Line Number	Reported on Section/Paragraph	
Administrative info	ormation				
Title	1	Descriptive title identifying the study design, population, interventions, and, if applicable, trial acronym	Page1/Line3-5	Title page/P	aragraph1
Trial registration	2a	Trial identifier and registry name. If not yet registered, name of intended registry	Page3/Line8	Abstract/Pa	ragraph4
	2b	All items from the World Health Organization Trial Registration Data Set	Page3/Line8	Abstract/Pa	ragraph4
Protocol version	3	Date and version identifier	Page23/Line14		-
Funding	4	Sources and types of financial, material, and other support			
Roles and responsibilities	5a	Names, affiliations, and roles of protocol contributors	Page24/Line10		
	5b	Name and contact information for the trial sponsor	Page1/Line7-2	2; Title page/P	aragraph2-3
	5c	Role of study sponsor and funders, if any, in study design; collection, management, analysis, and interpretation of data; writing of the report; and the decision to submit the report for publication, including whether they will have ultimate authority over any of these activities	Page2/Line4-5 Page24/Line7-	9 Author	aragraph5 s/Paragraph1
	5d	Composition, roles, and responsibilities of the coordinating centre, steering committee, endpoint adjudication committee, data management team, and other individuals or groups overseeing the trial, if applicable (see Item 21a for data monitoring committee)	Page24/Line3-		oring
Introduction	•			Committee/1	aragrapiri
Background and rationale	6a	Description of research question and justification for undertaking the trial, including summary of relevant studies (published and unpublished) examining benefits and harms for each intervention			
	6b	Explanation for choice of comparators	Page4/Line21- Page5/Line1-2		/Paragraph2-
Objectives	7	Specific objectives or hypotheses	Page3/Line1-2	₹,	
			Page5/Line7-9	Introduction	/Paragraph2
		4-1	Page6/Line1-5	Introduction	n/Paragraph4

			Page6/Line12-14	Methods and
Trial design	8	Description of trial design including type of trial (eg, parallel group, crossover, factorial, single group), allocation ratio, and framework (eg, superiority, equivalence, noninferiority, exploratory)		analysis/Paragraph1
Methods: Particip	ants, inte	erventions, and outcomes	Page6/Line17-20	Methods and
Study setting	9	Description of study settings (eg, community clinic, academic hospital) and list of countries where data will be collected. Reference to where list of study sites can be obtained	rageo/Effet/-20	analysis/Paragraph1
Eligibility criteria	10	Inclusion and exclusion criteria for participants. If applicable, eligibility criteria for study centres and individuals who will perform the interventions (eg, surgeons, psychotherapists)	Page8/Line3-14	Methods and analysis/Paragraph4-5
Interventions	11a	Interventions for each group with sufficient detail to allow replication, including how and when they will be administered	Page14/Line1-20	Methods and analysis/Paragraph10-1
	11b	Criteria for discontinuing or modifying allocated interventions for a given trial participant (eg, drug dose change in response to harms, participant request, or improving/worsening disease)	Page16/Line9-13	Methods and analysis/Paragraph 16
	11c	Strategies to improve adherence to intervention protocols, and any procedures for monitoring adherence (eg, drug tablet return, laboratory tests)	Page15/Line18-22; Page16/Line1-4	Methods and analysis/Paragraph15
	11d	Relevant concomitant care and interventions that are permitted or prohibited during the trial	Page13/Line13-17;	Methods and
Outcomes	12	Primary, secondary, and other outcomes, including the specific measurement variable (eg, systolic blood pressure), analysis metric (eg, change from baseline, final value, time to event), method of aggregation (eg, median, proportion), and time point for each outcome. Explanation of the clinical relevance of chosen efficacy and harm outcomes is strongly recommended	Page15/Line6-15	Methods and analysis/Paragraph14
Participant timeline	13	Time schedule of enrolment, interventions (including any run-ins and washouts), assessments, and visits for participants. A schematic diagram is highly recommended (see Figure)	Table1	Table1
Sample size	14	Estimated number of participants needed to achieve study objectives and how it was determined, including clinical and statistical assumptions supporting any sample size calculations	Page8/Line17-22:	Methods and
Recruitment	15	Strategies for achieving adequate participant enrolment to reach target sample size	Page9/Line1-16	analysis/Paragraph6
Methods: Assignment of interventions (for controlled trials)			Page6/Line17-20;	Methods and
Allocation:				
Sequence generation	16a	Method of generating the allocation sequence (eg, computer-generated random numbers), and list of any factors for stratification. To reduce predictability of a random sequence, details of any planned restriction (eg, blocking) should be provided in a separate document that is unavailable to those who enrol participants or assign interventions	Page11/Line8-10	Methods and
Allocation concealment mechanism	16b	Mechanism of implementing the allocation sequence (eg, central telephone; sequentially numbered, opaque, sealed envelopes), describing any steps to conceal the sequence until interventions are assigned	rager/////	analysis/Paragraph7
		4-2	Page11/Line12-16	Methods and analysis/Paragraph7

Supplemental material

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committee/Paragraph1

Ethics and dissemi	ination		Page3/Line3-4	Abstract/Paragraph3
Research ethics approval	24	Plans for seeking research ethics committee/institutional review board (REC/IRB) approval		
Protocol amendments	25	Plans for communicating important protocol modifications (eg, changes to eligibility criteria, outcomes, analyses) to relevant parties (eg, investigators, REC/IRBs, trial participants, trial registries, journals, regulators)	Page24/Line20-21	Ethics approval/Paragraph1
Consent or assent	26a	Who will obtain informed consent or assent from potential trial participants or authorised surrogates, and how (see Item 32)	Supplementary material	Supplementary materia
	26b	Additional consent provisions for collection and use of participant data and biological specimens in ancillary studies, if applicable	N/A	N/A
Confidentiality	27	How personal information about potential and enrolled participants will be collected, shared, and maintained in order to protect confidentiality before, during, and after the trial	Page7/Line3-5	Methods and analysis/Paragraph2
Declaration of interests	28	Financial and other competing interests for principal investigators for the overall trial and each study site	Page24/Line14	Competing interests/Paragraph1
Access to data	29	Statement of who will have access to the final trial dataset, and disclosure of contractual agreements that limit such access for investigators	Page7/Line3-5	Methods and analysis/Paragraph2
Ancillary and post-trial care	30	Provisions, if any, for ancillary and post-trial care, and for compensation to those who suffer harm from trial participation	Page14/Line16-20; Page16/Line9-13;	Methods and analysis/Paragraph12 a
Dissemination policy	31a	Plans for investigators and sponsor to communicate trial results to participants, healthcare professionals, the public, and other relevant groups (eg, via publication, reporting in results databases, or other data sharing arrangements), including any publication restrictions	Page17/Line18	Ethics and dissemination/Paragrap
	31b	Authorship eligibility guidelines and any intended use of professional writers		
	31c	Plans, if any, for granting public access to the full protocol, participant-level dataset, and statistical code	Page24/Line7-9	Author
Appendices			Page24/Line21-22	Ethics
Informed consent materials	32	Model consent form and other related documentation given to participants and authorised surrogates		
Biological specimens	33	Plans for collection, laboratory evaluation, and storage of biological specimens for genetic or molecular analysis in the current trial and for future use in ancillary studies, if applicable	Supplementary material 3/Informed consent form	Supplementary materia 3/Informed consent for

*It is strongly recommended that this checklist be read in conjunction with the SPIRIT 2013 Explanation & Elaboration for important clarification on the items. Amendments to the protocol should be tracked and dated. The SPIRIT checklist is copyrighted by the SPIRIT Group under the Creative Commons "Attribution-NonCommercial-NoDerivs 3.0 Unported" license.

Please leave this space alone as it will be supplemented by the editorial office when needed.

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Updated on April 13, 2020