CONSORT-EHEALTH (Draft V 1.5 2011-04-04) eDelphi Consensus Building ROUND 1

The CONSORT-EHEALTH checklist is intended for authors of randomized trials evaluating web-based and Internet-based applications/interventions, including mobile interventions, electronic games (incl multiplayer games), social media, and other interactive and/or networked electronic applications. Some of the items (e.g. all subitems under item 5 - description of the intervention) may also be applicable for other study designs.

The goal of the checklist is to be a) a guide for reporting for authors of RCTs, b) to form a basis for appraisal of an ehealth trial (in terms of validity)

CONSORT-EHEALTH items/subitems will be MANDATORY reporting items for studies published in the Journal of Medical Internet Research and other journals / scientific societies endorsing the checklist.

Items numbered 1., 2., 3., 4a., 4b etc are original CONSORT or CONSORT-NPT (non-pharmacologic treatment) items.

Items with Roman numerals (i., ii, iii, iv etc.) are proposed CONSORT-EHEALTH extensions/clarifications.

BELOW, PLEASE RATE THE IMPORTANCE OF THESE PROPOSED NEW SUB-ITEMS AND/OR COMMENT ON EACH ITEM. (comments could also include original references to be cited to support the subitem).

This is a Delphi survey to obtain feedback from ehealth and reporting guidelines experts (including journal editors).

If something important is missing which in your opinion must be part of EVERY reported ehealth trial, please add an item, but remember that there will be a separate Exploration&Elaboration document - the checklist should only contain essential and universally applicable items.

Subitems should be included in the new CONSORT-EHEALTH checklist if one of the following conditions for the subitem are met:

- if not conducted properly it may lead to empirical evidence of bias or threaten internal validity
- if not reported properly this is associated with empirical evidence of bias
- it may be associated with the success of the trial
- it may be associated with external validity (applicability or success of the application/intervention in other settings)
- it reflects crucial trial results
- it aids in the interpretation of results

At the same time, the CONSORT-EHEALTH checklist should be reasonably brief and universally applicable, so only essential items should be included.

* Required	
Your name First Last	*

Primary Affiliation (short), City, Country *

University of Toronto, Toronto, Canada

Your e-mail address *
abc@google.com
Do you want to be acknowledged (with your name and affilitation) in the CONSORT-
EHEALTH publication? * (provided you make contributions below. Please refer to the last question if you also wish to be a co-author of the Elaboration manuscript)
) yes
O no
Your role/experience with ehealth-trials Which of the following describes you (multiple may apply)
☐ I have experience with conducting ehealth studies myself, but no RCTs
☐ I have conducted ehealth RCTs
☐ I have read many ehealth RCT/evaluation reports
☐ I have experience mainly from a consumer/patient point of view
☐ I have experience mainly from a policy/implementation/decision-maker point of view
Other guidelines Are you aware of any other guidelines that should be cited? (give references and provide a short description)

TITLE AND ABSTRACT

1a) Identification as a randomized trial in the title

1a-i) Identif	y the	mode	of	delivery	' in	the	title
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Identify the mode of delivery. Preferably use "web-based" and/or "mobile" and/or "electronic game" in the title. Avoid ambiguous terms like "online", "virtual", "interactive". Use "Internet-based" only if Intervention includes non-web-based Internet components (e.g. email), use "computer-based" or "electronic" only if offline products are used. Use "virtual" only in the context of "virtual reality" (3-D worlds). Use "online" only in the context of "online support groups". Complement or substitute product names with broader terms for the class of products (such as "mobile" or "smart phone" instead of "iphone"), especially if the application runs on different platforms.

instead of "iphone"), especially	if the	app	olica	tion	runs on different platforms.
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subitem not at all important	0	0	0	0	essential
Comment on subitem 1a-i)					
la-ii) Non-web-based compo Mention non-web-based compo elephone support").			-		ant co-interventions in title nt co-interventions in title, if any (e.g., "with
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Comment on subitem 1a-ii)					
la iii) Drimon, condition or to		a =c	e :	n 41-	o title
	rget	grou	ıp in	the	title, if any (e.g., "for children with Type I
Diabetes") Example: A Web-ba	sed a	and	Mob	ile I	ntervention with Telephone Support for Childre

with Type I Diabetes: Randomized Controlled Trial

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Comment on subitem	1a-iii)							
						60		
Add a subitem under	CONSORT	itom 1a						
	CONSORT	ileili ia						
						h		
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conclusions NPT extension: Descrip	-							and
Ib) Structured suconclusions NPT extension: Descripolinding status.	-							and
NPT extension: Descripolinding status. (b-i) Key features/func	tion of expe	rimental	treatment,	comparat	or, care ¡	provider	s, centers,	
Conclusions NPT extension: Descrip Ilinding status.	tion of expe	rimental /compon	treatment,	comparate	or, care p	providers	s, centers, arator in th	
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b-ii) Level of human involution in the level of human in the rapist/nurse/care provide nvolved, if any).	nvolv	eme	ent ir	n the	ab	stract, e.g						
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		- N-L	*	*LL	*******	Coociilla	-					
b-iii) Open vs. closed, w	eb-k	oase	d (s	elf-	asse	essment)	vs. fac	e-to-fa	ce ass	essme	ents in	
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comment on subitem 1b-	iii)											

1b-iv) Results in abstract mus	st contair	ı use d	ata		
Report number of participants e					
(e.g., attrition/adherence metrics primary/secondary outcomes.	s, use ove	er time,	number o	f logins etc.), in	addition to
1	2 3	4 5			
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Comment on subitem 1b-iv)					
Comment on Subitem 15-17)					
					h
1b-v) Conclusions/Discussion	ne in ahet	tract fo	negativ	e trials	
Conclusions/Discussions in abs					ry outcome - if the trial
is negative (primary outcome no					used, discuss whether
negative results are attributable			and disc	uss reasons.	
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Comment on subitem 1b-v)					
					60

INTRODUCTION
2a) Scientific background and explanation of rationale
2a-i) Problem and the type of system/solution Describe the problem and the type of system/solution that is object of the study: intended as stand-alone intervention vs. incorporated in broader health care program? [1] Intended for a particular patient population? [1] Goals of the intervention, e.g., being more cost-effective to other interventions [1], replace or complement other solutions? (Note: Details about the intervention are provided in "Methods" under 5)
1 2 3 4 5
subitem not at all important O O O O essential
Comment on subitem 2a-i)

Scientific background, rationale: What is known about the (type of) system that is the object of the study (be sure to discuss the use of similar systems for other conditions/diagnoses, if appropriate), motivation for the study, i.e. what are the reasons for and what is the context for this specific study, from which stakeholder viewpoint is the study performed, potential impact of findings [2]. Briefly justify the choice of the comparator.

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subitem not at all important O O O O essential
Comment on subitem 2a-ii)
Add a subitem under CONSORT item 2a
2b) Specific objectives or hypotheses
note: Contrary to STARE-HI we do not recommend to mention IRB approval in this section - JMIR and other journals typically recommend this as a subheading under "methods". CONSORT EHEALTH has a separate item for ethical considerations)
(no EHEALTH-specific subitems under CONSORT item 2b) Comment below to suggest a subitem

3a) Description of trial design (such as parallel, factorial) including allocation ratio
(no EHEALTH-specific subitems under CONSORT item 3a) Comment below to suggest a subitem
3b) Important changes to methods after trial commencement (such as eligibility criteria), with reasons
ab-i) Bug fixes, Downtimes, Content Changes Bug fixes, Downtimes, Content Changes: ehealth systems are often dynamic systems. A description of changes to methods therefore also includes important changes made on the intervention or comparator during the trial (e.g., major bug fixes or changes in the functionality or content) (5-iii) and other "unexpected events" that may have influenced study design such as staff changes, system failures/downtimes, etc. [2].
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a) Eligibility criter	ia for narticinante
a Liigibility Criter	ia for participants
	literacy y is often an implicit "de facto" eligibility criterion - this should be
xplicitly clarified [1].	1 2 3 4 5
ubitem not at all importan	nt O O O O essential
Comment on subitem 4a	•1)
a-ii) Open vs. closed, w	reb-based vs. face-to-face assessments:
pen vs. closed, web-base	ed vs. face-to-face assessments: Mention how participants were
Open vs. closed, web-base ecruited (online vs. offline vas a purely web-based to	ed vs. face-to-face assessments: Mention how participants were), e.g., from an open access website or from a clinic, and clarify if this rial, or there were face-to-face components (as part of the intervention
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4a-iii) Information giving durnig recruitment Information given during recruitment. Specify how participants were briefed for recruitment and in the informed consent procedures (e.g., publish the informed consent documentation as appendix, see also item X26), as this information may have an effect on user self-selection, user expectation and may also bias results.
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subitem not at all important O O O O essential
Comment on subitem 4a-iii)
Add a subitem under CONSORT item 4a
Als) Cattle was and I and the setting of the settin
4b) Settings and locations where the data were collected
Ab i) Deposit if autoemore were foolf because of the search and th
4b-i) Report if outcomes were (self-)assessed through online questionnaires Clearly report if outcomes were (self-)assessed through online questionnaires (as common in web-based trials) or otherwise.

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Comment on subitem 4b-	·i)							
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Ib-ii) Report how institut Report how institutional af iffiliations with prestigious vith regards to an interven	filiatio hospi	ns a tals	are o	displ	aye	d to poten	tial partici	
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Comment on subitem 4b-	·ii)							
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Add a subitem under CO	NSOF	RT i	tem	4b				
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5) The interventions for each group with sufficient details to allow replication, including how and when they were actually administered 5-i) Mention names, credential, affiliations of the developers, sponsors, and owners Mention names, credential, affiliations of the developers, sponsors, and owners [6] (if authors/evaluators are owners or developer of the software, this needs to be declared in a "Conflict of interest" section). 1 2 3 4 5 subitem not at all important 0 0 0 0 essential Comment on subitem 5-i) 5-ii) Describe the history/development process Describe the history/development process of the application and previous formative evaluations (e.g., focus groups, usability testing), as these will have an impact on adoption/use rates and help with interpreting results. 1 2 3 4 5 subitem not at all important 0 0 0 0 essential Comment on subitem 5-ii)

5-iii) Revisions and updating

Revisions and updating. Clearly mention the date and/or version number of the application/intervention (and comparator, if applicable) evaluated, or describe whether the intervention underwent major changes during the evaluation process, or whether the development and/or content was "frozen" during the trial. Describe dynamic components such as news feeds or changing content which may have an impact on the replicability of the intervention (for

Comment on subitem 5-iii) 6-iv) Quality assurance me Provide information on quality provided [1], if applicable.	etho y as	O ds sssur	ance	e me	O	essential ds to ensure accuracy and quality of information
-iv) Quality assurance me Provide information on quality rovided [1], if applicable.	etho by as	ssur 2	3	4		ds to ensure accuracy and quality of information
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Comment on subitem 5-iv)						
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Ensure replicability by publish	hing	g the	e so	urce	COC	de, and/or providing screenshots/screen-captur
						ms used. Replicability (i.e., other researchers) is a hallmark of scientific reporting.
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- 5-14					
or disappear over the course of Archive, webcitation.org, and/o	of the r pub	yea lishii	rs; a ng th	also ne s	olication, but as the intervention is likely to change make sure the intervention is archived (Internet ource code or screenshots/videos alongside the be archived, consider creating demo pages which
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subitem not at all important	0	\bigcirc	\bigcirc	\bigcirc	essential
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pay (or were paid) or not, when how participants obtained "acce editors/reviewers/readers, cons	her tless to sider to e app	ney the	had platovid	to b tforn e a	e application, in what setting/context, if they had to be a member of specific group. If known, describe an and Internet" [1]. To ensure access for "backdoor" login account or demo mode for to important for archiving purposes, see vi).
subitem not at all important C	/ 🔘				essential
Comment on subitem 5-vii)					

-viii) Mode of delivery, features/functionalities/components of the intervention and
escribe mode of delivery, features/functionalities/components of the intervention and comparated the theoretical framework [6] used to design them (instructional strategy [1], behaviour nange techniques, persuasive features, etc., see e.g., [7, 8] for terminology). This includes an epth description of the content (including where it is coming from and who developed it) [1]," hether [and how] it is tailored to individual circumstances and allows users to track their rogress and receive feedback" [6]. This also includes a description of communication delivery nannels and – if computer-mediated communication is a component – whether communication as synchronous or asynchronous [6]. It also includes information on presentation strategies [1 cluding page design principles, average amount of text on pages, presence of hyperlinks to ther resources, etc. [1].
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ubitem not at all important 0 0 0 0 essential
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omment on subitem 5-viii)
-ix) Describe use parameters
escribe use parameters (e.g., intended "doses" and optimal timing for use) [1]. Clarify what
structions or recommendations were given to the user, e.g., regarding timing, frequency, eaviness of use [1], if any, or was the intervention used ad libitum.
eaviness of use [1], if any, or was the intervention used ad libitum. 1 2 3 4 5
eaviness of use [1], if any, or was the intervention used ad libitum.

assistance) in the e-intervention professionals involved, if any, as the support, how it is initiated, ar be necessary to distinguish betw	eme or a wel nd th veen ired .	nt (das call as ne no the for	care o-int o-int o "typ nedir leve a ro	proverserve be of um be el of utine	viders or health professionals, also technical ntion (detail number and expertise of assistance offered, the timing and frequency of by which the assistance is delivered" [6]. It may human involvement required for the trial, and the exapplication outside of a RCT setting (discuss)
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subitem not at all important	2				essential
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Comment on subitem 5-x)					
5-xi) Report any prompts/remi					pro wore prompte (letters, emails, phone calls
SMS) to use the application, what distinguish between the level of prompts/reminders for a routine ageneralizability).	at tri pron appl	gge npts licat	red /rem ion (them ninde	ere were prompts (letters, emails, phone calls, n, frequency etc [1]. It may be necessary to ers required for the trial, and the level of de of a RCT setting (discuss under item 21 –
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Comment on subitem 5-xi)					

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5-xii) Describe any co-interpretation Describe any co-intervention provided in addition to the tadesigned as stand-alone intended in additional provided in additional to the tadesigned as stand-alone intended in the control of the	ns (ind argete erven ween	cl. to ed e tion the	raini Hea . Th : lev	ng/: Ith is ii el c	supposed intended in the second in the secon	oort): Clearvention" des trainir aining requ	arly sta [1], as ng ses uired f	ate an ehea ssions for the	olth into and s trial,	ervent suppor and th	ion n t [1]. ne lev	nay no It ma	ot be
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6a) Completely defir measures, including			_			-	_				ary	outo	ome

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Comment on subitem 6a-	-ii)	0	0	0	0	
Comment on subitem 6a-	-ii)	0	0	0	0	essential litative feedback from participants was
Comment on subitem 6a- Sa-iii) Describe whether, obtained Describe whether, how, an	how,	and en q	O I wh	onen e	qua e fee	litative feedback from participants was edback from participants was obtained (e.g.,
Comment on subitem 6a- Ga-iii) Describe whether, Obtained	how,	and en q	O I wh	onen e	qua e fee	litative feedback from participants was edback from participants was obtained (e.g.,
obtained	how,	and en q	I wh	onen e	qua e fee	litative feedback from participants was edback from participants was obtained (e.g.,

6a-i) Online questionnaires: describe if they were validated for online use [6] and apply

Comment on subitem 6a-iii)	
Add a subitem under CONSORT item 6a	
Add a subitem under CONSORT item 6a	
6b) Any changes to trial outcomes after the trial commend	ed, with
reasons	
(no EHEALTH-specific subitems under CONSORT item 6b)	
Comment below to suggest a subitem	
7a) How sample size was determined	
7a) How sample size was determined NPT: When applicable, details of whether and how the clustering by care provide addressed	s or centers was
NPT: When applicable, details of whether and how the clustering by care provide	

the sample size Describe whether and he size.	ow expe	ected	d attr	ition	wa	s taken into account when calculating the sample
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subitem not at all import	ant O	0	0	0	0	essential
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Add a subitem under (ONSO	RT i	tem	7a		
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7h) \4/h		I		.4! -		.f
stopping guidelin		хрі	ana	itio	n c	of any interim analyses and
(no EHEALTH-specific				er C	ONS	SORT item 7b)
Comment below to sugg	est a si	ubite	m			

NPT: When applicable, how care providers were allocated to each trial group
(no EHEALTH-specific subitems under CONSORT item 8a) Comment below to suggest a subitem
Oh) Tura of war damination, dataile of any reathintian (analyses heading
8b) Type of randomisation; details of any restriction (such as blocking and block size)
(no EHEALTH-specific subitems under CONSORT item 8b)
Comment below to suggest a subitem
9) Mechanism used to implement the random allocation sequence (such as sequentially numbered containers), describing any steps
,

10) Who generated the random participants, and who assigned	allocation sequence, who enrolled participants to interventions
(no EHEALTH-specific subitems under Comment below to suggest a subitem	ONSORT item 10)
-	fter assignment to interventions (for riders, those assessing outcomes) and
NPT: Whether or not administering co-interv	entions were blinded to group assignment
the participants [1, 3] (this should be clearly	wasn't Isually, in web-based trials it is not possible to blind acknowledged), but it may be possible to blind is or those administering co-interventions (if any).
1 2 3 4	5
subitem not at all important 0 0 0	O essential
Comment on subitem 11a-i)	

Add a subitem under CONSORT item 11a 1b) If relevant, description of the similarity of interventions this item is usually not relevant for ehealth trials as it refers to similarity of a placebo or sham					<u> </u>
abitem not at all important O O O O essential comment on subitem 11a-ii) add a subitem under CONSORT item 11a 1b) If relevant, description of the similarity of interventions this item is usually not relevant for ehealth trials as it refers to similarity of a placebo or sham	nterest" and which one was informed consent procedure whether participants knew was	vas the "com es (4a-ii) can	n parator" create biases ai	nd certain expectati	ons - discuss e.g.,
Examination subitem 11a-ii) Add a subitem under CONSORT item 11a In this item is usually not relevant for ehealth trials as it refers to similarity of a placebo or sham	uhitem not at all important			_ 	
dd a subitem under CONSORT item 11a 1b) If relevant, description of the similarity of interventions his item is usually not relevant for ehealth trials as it refers to similarity of a placebo or sham	dollerii not at all important	000	C C essentia	_	
dd a subitem under CONSORT item 11a 1b) If relevant, description of the similarity of interventions his item is usually not relevant for ehealth trials as it refers to similarity of a placebo or sham	omment on subitem 11a-	·ii)			
1b) If relevant, description of the similarity of interventions his item is usually not relevant for ehealth trials as it refers to similarity of a placebo or sham		,			
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1b) If relevant, description of the similarity of interventions his item is usually not relevant for ehealth trials as it refers to similarity of a placebo or sham					
his item is usually not relevant for ehealth trials as it refers to similarity of a placebo or sham	dd a subitem under CON	ISORT item	11a		
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his item is usually not relevant for ehealth trials as it refers to similarity of a placebo or sham					<i>h</i>
this item is usually not relevant for ehealth trials as it refers to similarity of a placebo or sham					
this item is usually not relevant for ehealth trials as it refers to similarity of a placebo or sham					
this item is usually not relevant for ehealth trials as it refers to similarity of a placebo or sham	1b) If relevant, desc	cription o	f the simila	ity of interver	ntions
ntervention to a active medication/intervention)	his item is usually not rele	vant for ehea	alth trials as it ref	_	

Comment below to suggest a subitem
12a) Statistical methods used to compare groups for primary and secondary outcomes
NPT: When applicable, details of whether and how the clustering by care providers or centers was addressed
12a-i) Imputation techniques to deal with attrition / missing values Imputation techniques to deal with attrition / missing values: Not all participants will use the intervention/comparator as intended and attrition is typically high in ehealth trials. Specify how participants who did not use the application or dropped out from the trial were treated in the statistical analysis (a complete case analysis is strongly discouraged, and simple imputation techniques such as LOCF may also be problematic [4]).
1 2 3 4 5
subitem not at all important O O O O essential
Comment on subitem 12a-i)
Add a subitem under CONSORT item 12a

12b) Methods for additional analyses, such as subgradiusted analyses	oup analyses and
adjusted analyses	
(no EHEALTH-specific subitems under CONSORT item 12b) Comment below to suggest a subitem	
	<u>la</u>
Y26) (not a CONSORT item)	
X26) (not a CONSORT item)	
V00 1) 0	
X26-i) Comment on ethics committee approval 1 2 3 4 5	
subitem not at all important O O O O essential	
Comment on subitem X26-i)	

	proce at info	dure orma	s e.(g., if was	cor		obtained offline or online (how? e 4a-ii). See [6] for some items to be	е
	1	2	3	4	5			
subitem not at all importa	nt O	0	0	0	0	essential		
Comment on subitem X	26-ii)							
							h	
	dures,	, incl. (e.g.,	. priv	vacy ucati			us, and "any steps taken to reduce g, availability of a hotline)" [1].	the
subitem not at all importa	nt O	0	0	0	0	essential		
Comment on subitem X	26-iii)							
Add a subitem under it	em X2	6						

RESULTS

13a) For each group, the numbers of participants who were randomly assigned, received intended treatment, and were analysed for the primary outcome

NPT: The number of care providers or centers performing the intervention in each group and the number of patients treated by each care provider in each center

•	H-specific subitems under CONSORT item 13 ow to suggest a subitem	a)

13b) For each group, losses and exclusions after randomisation, together with reasons

13b-i) Attrition diagram

Strongly recommended: An attrition diagram (e.g., proportion of participants still logging in or using the intervention/comparator in each group plotted over time, similar to a survival curve) [5] or other figures or tables demonstrating usage/dose/engagement.

	1	2	3	4	5	
subitem not at all important	0	0	0	0	0	essential

Comment on subitem 13b-i)

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			_	401										
Add a subitem under CON	NSOR	K I II	tem	130)							7		
											11	ŝ		
I4a) Dates defining	the	pe	erio	ds	of I	recrui	itme	ent a	and	foll	ow.	-up	ı	
1 4a-i) Indicate if critical "s ndicate if critical "secular ev	s ecul a	ar e	ever	nts"	[1] f o	ell into study p	the s	study l, e.g.	peri	od nifica	nt ch	nang	es in	Intern
4a-i) Indicate if critical "s	secula vents' nges	ar (ever	nts" Linto oute	[1] for the	ell into study p	the s	study l, e.g.	peri	od nifica	nt ch	nang	es in	Intern
1 4a-i) Indicate if critical "s ndicate if critical "secular ev esources available or "char	secula vents' nges	ar 6 " [1] in c	ever] fell comp	nts" I into oute 4	[1] for the r hard	ell into study p dware d	the speriod	study l, e.g.	peri	od nifica	nt ch	nang	es in	Intern
I 4a-i) Indicate if critical "s ndicate if critical "secular ev esources available or "char	secula vents' nges	ar 6 " [1] in c	ever] fell comp	nts" I into oute 4	[1] for the r hard	ell into study p dware d	the speriod	study l, e.g.	peri	od nifica	nt ch	nang	es in	Intern
1 4a-i) Indicate if critical "s ndicate if critical "secular ev esources available or "char	secula vents' nges	ar 6 " [1] in c	ever] fell comp	nts" I into oute 4	[1] for the r hard	ell into study p dware d	the speriod	study l, e.g.	peri	od nifica	nt ch	nang	es in	Intern
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14a-i) Indicate if critical "s ndicate if critical "secular ev esources available or "char subitem not at all important	secular vents' nges 1	ar 6 " [1] in c	ever] fell comp	nts" I into oute 4	[1] for the r hard	ell into study p dware d	the speriod	study l, e.g.	peri	od nifica	nt ch	nang	es in	Intern
14a-i) Indicate if critical "s ndicate if critical "secular ev esources available or "char subitem not at all important	secular vents' nges 1	ar 6 " [1] in c	ever] fell comp	nts" I into oute 4	[1] for the r hard	ell into study p dware d	the speriod	study l, e.g.	peri	od nifica	nt ch	nang	es in	Intern
I4a-i) Indicate if critical "s ndicate if critical "secular evesources available or "char subitem not at all important	secular vents' nges 1	ar 6 " [1] in c	ever] fell comp	nts" I into oute 4	[1] for the r hard	ell into study p dware d	the speriod	study l, e.g.	peri	od nifica	nt ch	nang	es in	Intern
14a-i) Indicate if critical "solution of critical is ndicate if critical secular expensions available or "chart subitem not at all important." Comment on subitem 14a-	secular vents' nges 1	ar 6 " [1] in c	ever] fell comp	nts" I into oute 4	[1] for the r hard	ell into study p dware d	the speriod	study l, e.g.	peri	od nifica	nt ch	nang	es in	Intern
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14a-i) Indicate if critical "s ndicate if critical "secular ev resources available or "char subitem not at all important	secular vents' nges 1	ar 6 " [1] in c	ever] fell comp	nts" I into oute 4	[1] for the r hard	ell into study p dware d	the speriod	study l, e.g.	peri	od nifica	nt ch	nang	es in	Intern
14a-i) Indicate if critical "s ndicate if critical "secular ev esources available or "char subitem not at all important	secula vents' nges 1	ar 6	ever] fell 3	nts" I into	[1] for the r hard	ell into study p dware d	the speriod	study l, e.g.	peri	od nifica	nt ch	nang	es in	Intern

								00	
14b) Why the trial er	nded	or	was	st	opped (early)			
(no EHEALTH-specific sub Comment below to suggest			er C	ONS	SORT item	14b)			
								_6	
15) A table showing for each group	bas	eline	e de	emo	ographic	c and c	linical	charact	eristics
NPT: When applicable, a de and centers (volume) in eac			care	pro	viders (cas	se volume	, qualifica	tion, expe	ertise, etc.)
15-i) Report demographics In ehealth trials it is particular issues, such as age, educate of the participants, if known.	arly im ion, g	porta	nt to	repo	ort demogra	aphics as	sociated v		
		2 3							
subitem not at all important	0 () (0	0	essential				
.									
Comment on subitem 15-i)									

Add a subitem under CON	180	RT i	tem	15		
					-	ticipants (denominator) included in lysis was by original assigned
16-i) Report multiple "den	omi	nato	rs"	and	l pro	vide definitions
Report multiple "denominate range of study participation than x times, N used more specific pre-defined time po	ors" a [and than oints	and d use y w of in	prove] the eeks	vide resh s, N	defir olds part	nitions: Report N's (and effect sizes) "across a " [1], e.g., N exposed, N consented, N used more icipants "used" the intervention/comparator at solute and relative numbers per group). Always
clearly define "use" of the in	iterv	entic	n.			
	4	2	2	1	_	
	1	2	3	4		
subitem not at all important						essential
subitem not at all important						essential
subitem not at all important Comment on subitem 16-i	0					essential
	0					essential
	0					essential
	0					essential
	0					essential

users, with the appropriat							ses could include comparing only a randomized sample (see 18-i).
	1	2	3	4	5		
subitem not at all important	0	0	0	0	0	essential	
Comment on subitem 16-	ii)						
							//
Add a subitem under COI	NSO	RT it	tem	16			
							<u>//</u>
-	nat					-	come, results for each ts precision (such as 95%
n addition to primary/secon as metrics of use and inten- This does not only refer to continuous exposure metric	dary sity o metri s suc	(clir of us ics o ch a	nical e (do f att s "av) ou ose, rition vera	tcon exp n (13 ge s	nes, the proosure) and 3-b) (often session ler	rics of use and intensity of use resentation of process outcomes such definitions is critical. a binary variable), but also to more right. These must be accompanied by a red (e.g., timeout after idle time) [1]
	1	2	3	4	5		

Comment on subitem 17a-i)
Add a subitem under CONSORT item 17a
17b) For binary outcomes, presentation of both absolute and relative
17b) For binary outcomes, presentation of both absolute and relative effect sizes is recommended
effect sizes is recommended
effect sizes is recommended (no EHEALTH-specific subitems under CONSORT item 17b)
effect sizes is recommended
effect sizes is recommended (no EHEALTH-specific subitems under CONSORT item 17b)
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effect sizes is recommended (no EHEALTH-specific subitems under CONSORT item 17b)
effect sizes is recommended (no EHEALTH-specific subitems under CONSORT item 17b)
(no EHEALTH-specific subitems under CONSORT item 17b) Comment below to suggest a subitem
(no EHEALTH-specific subitems under CONSORT item 17b) Comment below to suggest a subitem 18) Results of any other analyses performed, including subgroup
(no EHEALTH-specific subitems under CONSORT item 17b) Comment below to suggest a subitem

nust be stressed that this is andomized trial (see 16-iii).						
	1	2	3	4	5	
ubitem not at all important	0	0	0	0	0	essential
omment on subitem 18-i	١					
dd a subitem under CON	ICOI	OT :		40		
dd a subitem under CON	ISUI	X I II	em	10		
						de la companya de la
						4
						<i>A</i>
9) All important ha	rme		• 111	nint	ton	dod offocts in each group
9) All important ha	rms	S 01	· ur	nint	ten	ded effects in each group
,						<u> </u>
•						<u> </u>
or specific guidance see C	ONS	SOR	T foi	r hai	rms)	
or specific guidance see C 9-i) Include privacy bread	ONS ches	SOR	T fo	r har cal į	rms) pro k	olems
for specific guidance see C 9-i) Include privacy breach	ONS hes	SOR	T for chni	r har cal l	rms) prok s. Th	olems his does not only include physical "harm" to
or specific guidance see C 9-i) Include privacy breaches, te articipants, but also incider	ONS ches chni nts s	SOR'	T for chni orob as p	r har cal lems	rms) prok s. Theive	Diems his does not only include physical "harm" to d or real privacy breaches [1], technical problem
or specific guidance see C 9-i) Include privacy breaches, te articipants, but also incider and other unexpected/uninter	ONS ches chni nts s	SOR'	T for chni orob as p	r har cal lems	rms) prok s. Theive	Diems his does not only include physical "harm" to d or real privacy breaches [1], technical problem
for specific guidance see C 9-i) Include privacy breaches, te articipants, but also incider	ons ches chni nts s ende	SOR'	T for chni orob as p cider	cal plems	rms) prok s. Theive "Uni	olems

Comment on subitem 19-i)

19-ii) Include qualitative feedback from participants or observations from staff/researchers
Include qualitative feedback from participants or observations from staff/researchers, if available, on strengths and shortcomings of the application, especially if they point to unintended/unexpected effects or uses. This includes (if available) reasons for why people did or did not use the application as intended by the developers.
1 2 3 4 5
subitem not at all important O O O O essential
Comment on subitem 19-ii)
Add a subitem under CONSORT item 19
DISCUSSION
DISCUSSION

22) Interpretation consistent with results, balancing benefits and harms, and considering other relevant evidence

NPT: In addition, take into a unequal expertise of care pr						f the comparator, lack of or partial blinding, an each group
starting with primary outco	ome	es ai	n d p arize	roc the	ess ans	swers suggested by the data [2], starting with
	1	2	3	4	5	
subitem not at all important	0	0	0	0	0	essential
22-ii) Highlight unanswere Highlight unanswered new q			•			suggest future research [2] uture research [2].
	1	2	3	4	5	
subitem not at all important	0	0	0	0	0	essential

Comment on subitem 22-ii)

Add a subitem under CONSORT item 22

20) Trial limitations, addressing sources of potential bias, imprecision, and, if relevant, multiplicity of analyses
20-i) Typical limitations in ehealth trials Typical limitations in ehealth trials: Participants in ehealth trials are rarely blinded. Ehealth trials often look at a multiplicity of outcomes, increasing risk for a Type I error. Discuss biases due to non-use of the intervention/usability issues, biases through informed consent procedures, unexpected events.
1 2 3 4 5
subitem not at all important O O O O essential
Comment on subitem 20-i)
Add a subitem under CONSORT item 20

ALTH (Draft V 1.5 2011–04–04) eDelphi Consensus Building ROUND 1	2
21) Generalisability (external validity, applic	cability) of the trial findings
NPT: External validity of the trial findings according to the interior care providers or centers involved in the trial	tervention, comparators, patients, and
21-i) Generalizability to other populations Generalizability to other populations: In particular, discuss ge population, outside of a RCT setting, and general patient population results for other organizations [2].	
1 2 3 4 5	
subitem not at all important 0 0 0 0 essential	
Comment on subitem 21-i)	
21-ii) Discuss if there were elements in the RCT that would application setting Discuss if there were elements in the RCT that would be different (e.g., prompts/reminders, more human involvement, training and what impact the omission of these elements could have intervention is applied outside of a RCT setting. 1 2 3 4 5	ferent in a routine application setting sessions or other co-interventions)
subitem not at all important O O O O essential	

Add a subitem under CONSORT item 21

Comment on subitem 21-ii)

					la
THER IN	IFORMATIO	ON			
:3) Regis	tration nun	nber and n	ame of tr	ial registry	
	H-specific sub low to suggest		CONSORT i	tem 23)	
24) Where	the full tri	ial protoco	ol can be a	accessed, i	f available
	H-specific sub low to suggest		CONSORT i	tem 24)	

25) Sources of funding and other support (such as supply of drugs), role of funders					
(no EHEALTH-specific subitems under CONSORT item 25) Comment below to suggest a subitem					
X27) (not a CONSORT item)					
X27-i) State the "relation of the study team towards the system being evaluated" In addition to the usual declaration of interests (financial or otherwise), also state the "relation of the study team towards the system being evaluated" [2], i.e., state if the authors/evaluators are distinct from or identical with the developers/sponsors of the intervention.					
1 2 3 4 5					
subitem not at all important O O O O essential					
Comment on subitem X27-i)					
Add a subitem under item X27					

Last question
Do you want to become involved in the writing committee working on the elaboration document? If yes, please provide the subitems you wish to elaborate on e.g., 3b-i, 5
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