

Supplementary Material

File 1. Detailed Search Strategies.

Ovid Medline All

Set	Searches
1	((Participat* adj2 design*) or co-design or (cooperative adj2 design*) or "user involvement").ti,ab,kf. or exp "Stakeholder Participation"/
2	("health information technology" or "medical informatics" or software or (phone adj2 app) or mhealth or (digital adj1 health*) or games or gaming or gamify* or telehealth or telemedicine).ti,ab,kf. or exp "Medical Informatics"/ or exp "Software Design"/ or exp "Universal Design"/ or exp "Computer-Aided Design"/ or exp mobile applications/ or exp Telemedicine/
3	(Stakeholder* or patients or (health* adj1 provider*) or physician* or nurse* or therapist* or caregiver* or famil* or user*).ti,ab,kf. or exp nurses/ or exp nursing staff/ or exp physicians/ or exp Patients/ or exp caregivers/ or exp Family/
4	1 and 2 and 3
5	limit 4 to english language

Embase

Set	Search
#1	((participat* NEAR/2 design*):ti,ab,kw) OR 'co design':ti,ab,kw OR ((cooperative NEAR/2 design*):ti,ab,kw) OR 'user involvement':ti,ab,kw OR 'stakeholder engagement'/exp
#2	'health information technology':ti,ab,kw OR 'medical informatics':ti,ab,kw OR software:ti,ab,kw OR ((phone NEAR/2 app):ti,ab,kw) OR mhealth:ti,ab,kw OR ((digital NEAR/1 health*):ti,ab,kw) OR games:ti,ab,kw OR gaming:ti,ab,kw OR telehealth:ti,ab,kw OR telemedicine:ti,ab,kw OR 'medical informatics'/exp OR 'software design'/exp OR 'universal design'/exp OR 'computer aided design'/exp OR 'mobile application'/exp OR 'telehealth'/exp
#3	stakeholder*:ti,ab,kw OR patients:ti,ab,kw OR ((health* NEAR/1 provider*):ti,ab,kw) OR physician*:ti,ab,kw OR nurse*:ti,ab,kw OR therapist*:ti,ab,kw OR caregiver*:ti,ab,kw OR famil*:ti,ab,kw OR user*:ti,ab,kw OR 'nurse'/exp OR 'medical personnel'/exp OR 'patient'/exp OR 'caregiver'/exp OR 'family'/exp
#4	#1 AND #2 AND #3
#5	#1 AND #2 AND #3 NOT ([medline]/lim OR [pubmed-not-medline]/lim)
#6	'editorial'/it OR 'erratum'/it OR 'letter'/it OR 'note'/it OR [animal cell]/lim OR [animal experiment]/lim OR [animal model]/lim OR [animal tissue]/lim
#7	#5 NOT #6
#8	#7 AND [english]/lim
#9	#8 AND 'conference abstract'/it

Web of Science

Set	Search
# 1	TS=((Participat* near/2 design*) or co-design or (cooperative near/2 design*) or "user involvement") Indexes=SCI-EXPANDED, SSCI Timespan=All years

# 2	TS=("health information technology" or "medical informatics" or software or (phone near/1 app) or (mobile near/1 app) or mhealth or (digital near/1 health*) or games or gaming or gamify* or telehealth or telemedicine) Indexes=SCI-EXPANDED, SSCI Timespan=All years
# 3	TS=(Stakeholder* or patients or (health* near/1 provider*) or physician* or nurse* or user* or therapist* or caregiver* or famil* or user*) Indexes=SCI-EXPANDED, SSCI Timespan=All years
# 4	#3 AND #2 AND #1 Indexes=SCI-EXPANDED, SSCI Timespan=All years
# 5	(#3 AND #2 AND #1) AND LANGUAGE: (English) Indexes=SCI-EXPANDED, SSCI Timespan=All years
#6	(#3 AND #2 AND #1) AND LANGUAGE: (English) Refined by: DOCUMENT TYPES: (ARTICLE OR PROCEEDINGS PAPER OR REVIEW OR EARLY ACCESS) Indexes=SCI-EXPANDED, SSCI Timespan=All years

Cochrane Library

Set	Search
#1	((Participat* near/2 design*) or co-design or (cooperative near/2 design*) or "user involvement"):ti,ab,kw or [mh "Stakeholder Participation"]
#2	("health information technology" or "medical informatics" or software or (phone near/2 app) or mhealth or (digital near/1 health*) or games or gaming or telehealth or telemedicine):ti,ab,kw or [mh "Medical Informatics"] OR [mh "Software Design"] OR [mh "Universal Design"] OR [mh "Computer-Aided Design"] or [mh "mobile applications"] or [mh Telemedicine]
#3	(Stakeholder* or patients or (health* near/1 provider*) or physician* or nurse* or therapist* or caregiver* or famil* or user*):ti,ab,kw or [mh nurses] or [mh "nursing staff"] or [mh physicians] or [mh Patients] or [mh caregivers] or [mh Family]
#4	#1 and #2 and #3