

Supplementary Materials

Table S1. Search strings for CENTRAL, PsycINFO, Embase and Pubmed.

| | CENTRAL | | PsycINFO via Ebsco | | Embase via Ovid |
|-----|---|-----|---|----|---|
| #1 | MeSH descriptor: [Computers] explode all trees | S1 | MA computers | 1 | computer.sh. |
| #2 | MeSH descriptor: [Software] explode all trees | S2 | MA software | 2 | software.sh. |
| #3 | MeSH descriptor: [Internet] explode all trees | S3 | MA internet | 3 | internet.sh. |
| #4 | MeSH descriptor: [Web Browser] explode all trees | S4 | MA web browser | 4 | web browser.sh. |
| #5 | MeSH descriptor: [Technology] explode all trees | S5 | MA technology | 5 | technology.sh. |
| #6 | MeSH descriptor: [Cell Phone] explode all trees | S6 | MA cell phone | 6 | mobile phone.sh. |
| #7 | MeSH descriptor: [Mobile Applications] explode all trees | S7 | MA mobile applications | 7 | mobile application.sh. |
| #8 | MeSH descriptor: [Therapy, Computer-Assisted] explode all trees | S8 | MA therapy, computer- assisted | 8 | computer-assisted therapy.sh. |
| #9 | MeSH descriptor: [Telemedicine] explode all trees | S9 | MA telemedicine | 9 | telemedicine.sh. |
| #10 | MeSH descriptor: [Medical Informatics] explode all trees | S10 | MA telerehabilitation | 10 | telerehabilitation.sh. |
| #11 | MeSH descriptor: [Distance Counseling] explode all trees | S11 | MA medical informatics | 11 | medical informatics.sh. |
| #12 | (technolog*):ti,ab,kw | S12 | MA distance counseling | 12 | e-counseling.sh. |
| #13 | (software):ti,ab,kw | S13 | TI technolog* OR AB technolog* | 13 | technolog*.ti. or technolog*.ab. |
| #14 | (web):ti,ab,kw | S14 | TI software OR AB software | 14 | software.ti. or software.ab. |
| #15 | ("app-based" OR "app based"):ti,ab,kw | S15 | TI web OR AB web | 15 | web.ti. or web.ab. |
| #16 | (internet):ti,ab,kw | S16 | TI "app-based" OR AB "app- based" OR TI "app based" OR AB "app based" | 16 | ("app-based" or "app based").ti. or ("app-based" or "app based") .ab. |
| #17 | (online):ti,ab,kw | S17 | TI internet OR AB internet | 17 | internet.ti. or internet.ab. |
| #18 | (computer*):ti,ab,kw | S18 | TI online OR AB online | 18 | online.ti. or online.ab. |
| #19 | (cyber):ti,ab,kw | S19 | TI computer* OR AB computer* | 19 | computer*.ti. or computer*.ab. |
| #20 | (electronic):ti,ab,kw | S20 | TI cyber OR AB cyber | 20 | cyber.ti. or cyber.ab. |
| #21 | ("world wide web" OR www):ti,ab,kw | S21 | TI electronic OR AB electronic | 21 | electronic.ti. or electronic.ab. |
| #22 | (net):ti,ab,kw | S22 | TI "world wide web" OR AB "world wide web" OR TI www OR AB www | 22 | ("world wide web" or www).ti. or ("world wide web" or www).ab. |
| #23 | (digital):ti,ab,kw | S23 | TI net OR AB net | 23 | net.ti. or net.ab. |
| #24 | (virtual):ti,ab,kw | S24 | TI digital OR AB digital | 24 | digital.ti. or digital.ab. |
| #25 | (website):ti,ab,kw | S25 | TI virtual OR AB virtual | 25 | virtual.ti. or virtual.ab. |
| #26 | (chat):ti,ab,kw | S26 | TI website OR AB website | 26 | website.ti. or website.ab. |
| #27 | (forum):ti,ab,kw | S27 | TI chat OR AB chat | 27 | chat.ti. or chat.ab. |
| #28 | (E-Mail OR email):ti,ab,kw | S28 | TI forum OR AB forum | 28 | forum.ti. or forum.ab. |
| #29 | (SMS):ti,ab,kw | S29 | TI e-mail OR AB e-mail OR TI email OR AB email | 29 | (e-mail or email).ti. or (e-mail or email).ab. |
| #30 | ("text messag*" OR textmessag*):ti,ab,kw | S30 | TI SMS OR AB SMS | 30 | SMS.ti. or SMS.ab. |
| #31 | (mobile):ti,ab,kw | S31 | TI "text messag*" OR AB | 31 | (text messag*" or |

| | | | | | |
|-----|--|-----|---|----|---|
| | | | "text messag*" OR TI textmessag* OR AB textmessag* | | textmessag*).ti. or (text messag*" or textmessag*).ab. |
| #32 | (smartphone):ti,ab,kw | S32 | TI mobile OR AB mobile | 32 | mobile.ti. or mobile.ab. |
| #33 | (phone):ti,ab,kw | S33 | TI smartphone OR AB smartphone | 33 | smartphone.ti. or smartphone.ab. |
| #34 | (e-therap*):ti,ab,kw | S34 | TI phone OR AB phone | 34 | phone.ti. or phone.ab. |
| #35 | ("e-mental health" OR "emental health"):ti,ab,kw | S35 | TI e-therap* OR AB e-therap* | 35 | e-therap*.ti. or e-therap*.ab. |
| #36 | (e-health OR ehealth):ti,ab,kw | S36 | TI "e-mental health" OR AB "e-mental health" OR TI "emental health" OR AB "emental health" | 36 | ("e-mental health" or "emental health").ti. or ("e- mental health" or "emental health").ab. |
| #37 | (mhealth OR m- health):ti,ab,kw | S37 | TI e-health OR AB e-health OR TI ehealth OR AB ehealth | 37 | (e-health or ehealth).ti. or (e- health or ehealth).ab. |
| #38 | (tele*):ti,ab,kw | S38 | TI mhealth OR AB mhealth OR TI m-health OR AB m- health | 38 | (mhealth or m-health).ti. or (mhealth or m-health).ab. |
| #39 | (iCBT OR i-CBT):ti,ab,kw | S39 | TI tele* OR AB tele* | 39 | tele*.ti. or tele*.ab. |
| #40 | C(CBT OR c-CBT):ti,ab,kw | S40 | TI iCBT OR AB iCBT OR TI i- CBT OR AB i-CBT | 40 | (iCBT or i-CBT).ti. or (iCBT or i-CBT).ab. |
| #41 | ("personal digital assist*" OR PDA):ti,ab,kw | S41 | TI cCBT OR AB cCBT OR TI c-CBT OR AB c-CBT | 41 | (cCBT or c-CBT).ti. or (cCBT or c-CBT).ab. |
| #42 | ("cell* phone*"):ti,ab,kw | S42 | TI "personal digital assist*" OR AB "personal digital assist*" OR TI PDA OR AB PDA | 42 | ("personal digital assist*" or PDA).ti. or ("personal digital assist*" or PDA).ab. |
| | | S43 | TI "cell* phone*" OR AB "cell* phone*" | 43 | ("cell phone" or "cell phones" or "cellular phone" or "cellular phones").ti. or ("cell phone" or "cell phones" or "cellular phone" or "cellular phones").ab. |
| | | S44 | SU computer applications | 44 | psychological software.sh. |
| | | S45 | SU internet | 45 | internet.sh. |
| | | S46 | SU information and communication technology | 46 | information technology.sh. |
| | | S47 | SU mobile applications | 47 | mobile health application.sh. |
| | | S48 | SU mobile devices | | |
| | | S49 | SU mobile health | | |
| | | S50 | SU mobile phones | | |
| | | S51 | SU mobile technology | | |
| | | S52 | SU telemedicine | | |
| | | S53 | SU online therapy | | |
| | | S54 | SU computer assisted therapy | | |
| #43 | #1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21 OR #22 OR #23 OR #24 OR #25 OR #26 OR #27 OR #28 OR #29 OR #30 OR #31 OR #32 OR #33 OR #34 OR #35 OR #36 OR #37 OR #38 OR #39 OR #40 OR #41 OR #42 | S55 | S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24 OR S25 OR S26 OR S27 OR S28 OR S29 OR S30 OR S31 OR S32 OR S33 OR S34 OR S35 OR S36 OR S37 OR S38 OR S39 OR S40 OR S41 OR S42 OR S43 OR S44 OR S45 OR S46 OR S47 OR S48 OR S49 OR S50 OR S51 OR S52 OR S53 OR S54 | 48 | 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37 or 38 or 39 or 40 or 41 or 42 or 43 or 44 or 45 or 46 or 47 |
| #44 | MeSH descriptor: [Suicide] explode all trees | S56 | MA suicide | 49 | suicide.sh. |
| #45 | MeSH descriptor: [Self- | S57 | MA self-injurious behavior | 50 | self-injurious behavior.sh. |

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|-----|--|-----|--|----|--|
| | Injurious Behavior] explode all trees | | | | |
| #46 | MeSH descriptor: [Suicidal Ideation] explode all trees | S58 | MA suicidal ideation | 51 | suicidal ideation.sh. |
| #47 | MeSH descriptor: [Suicide, Attempted] explode all trees | S59 | MA suicide, attempted | 52 | suicide attempt.sh. |
| #48 | (suicid*):ti,ab,kw | S60 | TI suicid* OR AB suicid* | 53 | suicid*.ti. or suicid*.ab. |
| #49 | (self-injur* OR selfinjur*):ti,ab,kw | S61 | TI self-injur* OR AB self-injur* OR TI selfinjur* OR AB selfinjur* | 54 | (self-injur* or selfinjur*).ti. or (self-injur* or selfinjur*).ab. |
| #50 | (self-harm OR selfharm):ti,ab,kw | S62 | TI self-harm OR AB self-harm OR TI selfharm OR AB selfharm | 55 | (self-harm or selfharm).ti. or (self-harm or selfharm).ab. |
| #51 | (self-mutilation OR selfmutilation):ti,ab,kw | S63 | TI self-mutilation OR AB self-mutilation OR TI selfmutilation OR AB selfmutilation | 56 | (self-mutilation or selfmutilation).ti. or (self-mutilation or selfmutilation).ab. |
| #52 | (auto-mutilation OR automutilation):ti,ab,kw | S64 | TI auto-mutilation OR AB auto-mutilation OR TI automutilation OR AB automutilation | 57 | (auto-mutilation or automutilation).ti. or (auto-mutilation or automutilation).ab. |
| | | S65 | SU self-mutilation | 58 | automutilation.sh. |
| | | S66 | SU suicide | | |
| | | S67 | SU suicidal ideation | | |
| | | S68 | SU attempted suicide | | |
| | | S69 | SU suicidology | | |
| | | S70 | SU self-injurious behavior | | |
| | | S71 | SU suicide prevention | | |
| #53 | #44 OR #45 OR #46 OR #47 OR #48 OR #49 OR #50 OR #51 OR #52 | S72 | S56 OR S57 OR S58 OR S59 OR S60 OR S61 OR S62 OR S63 OR S64 OR S65 OR S66 OR S67 OR S68 OR S69 OR S70 OR S71 | 59 | 49 or 50 or 51 or 52 or 53 or 54 or 55 or 56 or 57 or 58 |
| #54 | MeSH descriptor: [Randomized Controlled Trials as Topic] explode all trees | S73 | MA randomized controlled trials as topic | 60 | randomized controlled trial.sh. |
| #55 | MeSH descriptor: [Clinical Trials as Topic] explode all trees | S74 | MA clinical trials as topic | 61 | clinical trial.sh. |
| #56 | ("randomized controlled trial"):pt | S75 | TI RCT OR AB RCT | 62 | RCT.ti. or RCT.ab. |
| #57 | ("controlled clinical trial"):pt | S76 | TI random* OR AB random* | 63 | random*.ti. or random*.ab. |
| #58 | (clinical trial):pt | S77 | TI trial OR AB trial | 64 | trial.ti. or trial.ab. |
| #59 | (clinical trial protocol):pt | | | | |
| #60 | (clinical study):pt | | | | |
| #61 | (random allocation):pt | | | | |
| #62 | (RCT):ti,ab,kw | | | | |
| #63 | (clinical trial):ti,ab,kw | | | | |
| #64 | (random*):ti,ab,kw | | | | |
| #65 | ("trial"):ti,ab,kw | | | | |
| #66 | #54 OR #55 OR #57 OR #58 OR #59 OR #60 OR #61 OR #62 OR #63 OR #64 OR #65 | S78 | S73 OR S74 OR S75 OR S76 OR S77 | 65 | 60 OR 61 OR 62 OR 63 OR 64 |
| #67 | #43 AND #53 AND #66 | S79 | S55 AND S72 AND S78 | 66 | 48 AND 59 AND 65 |

Note. MH/MA: MeSH Term; TI/ti: title; AB/ab: abstract; SU: subject terms; sh: subject headings; PT/pt: publication type; ti,ab,kw: title, abstract, keywords.

Pubmed:

(computers[MeSH Terms] OR software[MeSH Terms] OR internet[MeSH Terms] OR web browser[MeSH Terms] OR technology[MeSH Terms] OR cell phone[MeSH Terms] OR mobile applications[MeSH Terms] OR therapy, computer-assisted[MeSH Terms] OR telemedicine[MeSH Terms] OR telerehabilitation[MeSH Terms] OR medical informatics[MeSH Terms] OR distance counseling[MeSH Terms] OR technolog*[Title/Abstract] OR software[Title/Abstract] OR web[Title/Abstract] OR "app-based"[Title/Abstract] OR "app based"[Title/Abstract])

OR internet[Title/Abstract] OR online[Title/Abstract] OR computer*[Title/Abstract] OR cyber[Title/Abstract] OR electronic[Title/Abstract] OR "world wide web"[Title/Abstract] OR www[Title/Abstract] OR net[Title/Abstract] OR digital[Title/Abstract] OR virtual[Title/Abstract] OR website[Title/Abstract] OR chat[Title/Abstract] OR forum[Title/Abstract] OR e-mail[Title/Abstract] OR email[Title/Abstract] OR SMS[Title/Abstract] OR "text messag*" [Title/Abstract] OR textmessag*[Title/Abstract] OR mobile[Title/Abstract] OR smartphone[Title/Abstract] OR phone[Title/Abstract] OR e-therap*[Title/Abstract] OR "e-mental health"[Title/Abstract] OR "emental health"[Title/Abstract] OR e-health[Title/Abstract] OR ehealth[Title/Abstract] OR mhealth[Title/Abstract] OR m-health[Title/Abstract] OR tele-care[Title/Abstract] OR telecare[Title/Abstract] OR tele-health[Title/Abstract] OR telehealth[Title/Abstract] OR tele-medicine[Title/Abstract] OR telemedicine[Title/Abstract] OR tele-rehabilitation[Title/Abstract] OR telerehabilitation[Title/Abstract] OR telephone [Title/Abstract] OR iCBT[Title/Abstract] OR i-CBT[Title/Abstract] OR cCBT[Title/Abstract] OR c-CBT[Title/Abstract] OR "personal digital assist*" [Title/Abstract] OR PDA[Title/Abstract] OR "cell* phone*" [Title/Abstract]) AND (suicide[MeSH Terms] OR "self-injurious behavior"[MeSH Terms] OR "suicidal ideation"[MeSH Terms] OR "suicide, attempted"[MeSH Terms] OR suicid* [Title/Abstract] OR self-injur*[Title/Abstract] OR selfinjur*[Title/Abstract] OR self-harm[Title/Abstract] OR selfharm[Title/Abstract] OR self-mutilation[Title/Abstract] OR selfmutilation[Title/Abstract] OR auto-mutilation[Title/Abstract] OR automutilation[Title/Abstract]) AND ("randomized controlled trials as topic"[MeSH Terms] OR "clinical trials as topic"[MeSH Terms] OR "randomized controlled trial"[Publication Type] OR "controlled clinical trial"[Publication Type] OR "clinical trial"[Publication Type] OR "clinical trial protocol"[Publication Type] OR "clinical study"[Publication Type] OR RCT[Title/Abstract] OR random*[Title/Abstract] OR trial [Title/Abstract])



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