Concepts and keywords defined for study search.

Main concept	Keywords were defined by authors	Indexing terms*
sexual health	Sexual Dysfunction, female sexual dysfunction, male sexual dysfunction, hypoactive sexual desire disorder, Libido disorder, Sexual and Gender Disorders, Sexual Aversion Disorder, sex allocation, Sex Attractants, Sex Determination Processes, Sexual Activity, Sexual Behavior, Sexual Abstinence, Unsafe Sex, safe sex, sexual deviation , Sexual Gratification, Sexual Health, Sexuality, Sexual Maturation, sexual maturity, Sexual partner, Sexual Satisfaction	Sex Attractants , Sexual Abstinence , Sexual and Gender Disorders , Sexual Behavior, , Sexual Development , Sexual Dysfunction , Sexual Dysfunctions , Sexual Health , Sexual Partners , Sexuality
web technology	Apps, Mobile Apps, Mobile Application, Software, Software Application, Computer, Computer Software Application, Computer System, Cell Phone, cellular phone, cellular telephone, Mobile phone, Mobile Telephone, Smart Phone, eHealth, mHealth, Mobile Health, Telehealth, Telemedicine, information System, Internet, Web browser, World Wide Web, On Line, Online system	Cell Phone, Computer, Computer Systems, Computers, Information Systems, Internet, Mobile Applications, Mobile phone, Online system, Online Systems, Smartphone, Software, Telemedicine
aim of the interventions	management, Education, training, consultation, promotion, enhancement, care, change	management, Patient Care Management, Education, training, consultant, Consultation Distance Counseling, Teleconsultation, Teleconsultations, Referral and Consultation, promotion
* (MeSH in PubMed and Emtree in Embase)		

PubMed Search strategy

#1: Search (("Sexual Dysfunction"[Title/Abstract] OR "Sexual Dysfunctions"[Title/Abstract] OR "female sexual dysfunction"[Title/Abstract] OR "male sexual dysfunction"[Title/Abstract] OR "hypoactive sexual desire disorder"[Title/Abstract] OR "Libido disorder" [Title/Abstract] OR "sex allocation"[Title/Abstract] OR "Sex Attractants"[Title/Abstract] OR "Sex Determination Processes" [Title/Abstract] OR "Sexual Abstinence"[Title/Abstract] OR "Sexual Activities"[Title/Abstract] OR "Sexual Activity"[Title/Abstract] OR "Sexual[Title/Abstract] AND Gender Disorders"[Title/Abstract] OR "Sexual Aversion Disorder"[Title/Abstract] OR "Sexual Behavior"[Title/Abstract] OR "sexual deviation"[Title/Abstract] OR "Sexual Gratification"[Title/Abstract] OR "Sexual Health"[Title/Abstract] OR "Sexual Maturation"[Title/Abstract] OR "sexual maturity"[Title/Abstract] OR "Sexual partner"[Title/Abstract] OR "Sexual Partners"[Title/Abstract] OR "Sexual Satisfaction"[Title/Abstract] OR Sexuality[Title/Abstract] OR "Unsafe Sex"[Title/Abstract] OR "safe sex"[Title/Abstract])) OR ("Sex Attractants" OR "Sexual Abstinence" OR "Sexual and Gender Disorders" OR "Sexual Behavior" OR "Sexual Development" OR "Sexual Dysfunction" OR "Sexual Dysfunctions" OR "Sexual Health" OR "Sexual Partners" OR Sexuality[MeSH Terms]) Filters: Publication date from 2008/01/01 to 2017/12/31; English

#2: Search ((Apps[Title/Abstract] OR 'Mobile App'[Title/Abstract] OR 'Mobile Apps'[Title/Abstract] OR 'Mobile Application'[Title/Abstract] OR 'Mobile Applications'[Title/Abstract] OR Software[Title/Abstract] OR 'Software Application'[Title/Abstract] OR Computer[Title/Abstract] OR Computers[Title/Abstract] OR 'Computer Software Application'[Title/Abstract] OR 'Computer Software Applications'[Title/Abstract] OR 'Computer System'[Title/Abstract] OR 'Computer Systems'[Title/Abstract] OR 'Cell Phone'[Title/Abstract] OR 'cell phones'[Title/Abstract] OR Cellphone[Title/Abstract] OR Cellphones[Title/Abstract] OR 'cellular phone'[Title/Abstract] OR 'cellular telephone' OR' Mobile phone'[Title/Abstract] OR 'Mobile Phones'[Title/Abstract] OR 'Mobile Telephone'[Title/Abstract] OR 'Mobile Telephones'[Title/Abstract] OR

‘Smart Phone’[Title/Abstract] OR ‘Smart Phones’[Title/Abstract] OR Smartphone[Title/Abstract] OR Smartphones[Title/Abstract] OR eHealth[Title/Abstract] OR mHealth[Title/Abstract] OR ‘Mobile Health’[Title/Abstract] OR Telehealth[Title/Abstract] OR Telemedicine[Title/Abstract] OR ‘information System’[Title/Abstract] OR ‘Information Systems’[Title/Abstract] OR ‘Medical information system’[Title/Abstract] OR Internet[Title/Abstract] OR ‘Web browser’[Title/Abstract] OR ‘World Wide Web’[Title/Abstract] OR ‘On Line’[Title/Abstract] OR Online[Title/Abstract] OR On-Line[Title/Abstract] OR Online[Title/Abstract] OR ‘Online system’[Title/Abstract] OR ‘Online Systems’[Title/Abstract])) OR ("Cell Phone" OR Computer OR "Computer Systems" OR Computers OR "Information Systems" OR Internet OR "Mobile Applications" OR "Mobile phone" OR "Online system" OR "Online Systems" OR Smartphone OR Software OR Telemedicine[MeSH Terms]) Filters: Publication date from 2008/01/01 to 2017/12/31; English

#3:
Search ((manage*[Title/Abstract] OR Edu*[Title/Abstract] OR train*[Title/Abstract] OR consult*[Title/Abstract] OR promot*[Title/Abstract] OR enhace*[Title/Abstract] OR care[Title/Abstract] OR change[Title/Abstract])) OR (management OR “Patient Care Management” OR Education OR training OR consultant OR Consultation “Distance Counseling” OR Teleconsultation OR Teleconsultations OR “Referral and Consultation” OR promotion[MeSH Terms]) Filters: Publication date from 2008/01/01 to 2017/12/31; English

#4: Search ((#6) AND #7) AND #8 Filters: Publication date from 2008/01/01 to 2017/12/31; English

Scopus Search Strategy

((TITLE-ABS-KEY ("Sexual Dysfunction" OR "Sexual Dysfunctions" OR "female sexual dysfunction" OR "male sexual dysfunction" OR "hypoactive sexual desire disorder" OR "Libido disorder" OR "sex allocation" OR "Sex Attractants" OR "Sex Determination Processes") OR TITLE-ABS-KEY ("Sexual Abstinence" OR "Sexual Activities" OR "Sexual Activity" OR "Sexual and Gender Disorders" OR "Sexual Aversion Disorder" OR "Sexual Behavior" OR "sexual deviation" OR "Sexual Gratification" OR "Sexual Health" OR "Sexual Maturation") OR TITLE-ABS-KEY ("sexual maturity" OR "Sexual partner" OR "Sexual Partners" OR "Sexual Satisfaction" OR sexuality OR "Unsafe Sex" OR "safe sex")) AND DOCTYPE (ar) AND PUBYEAR > 2007 AND PUBYEAR < 2018) **AND** ((TITLE-ABS-KEY (apps OR "Mobile App" OR "Mobile Apps" OR "Mobile Application" OR "Mobile Applications" OR software OR "Software Application" OR computer OR computers OR "Computer Software Application" OR "Computer Software Applications" OR "Computer System") OR TITLE-ABS-KEY ("Computer Systems" OR "Cell Phone" OR "cell phones" OR cellphone OR cellphones OR "cellular phone" OR "cellular telephone" OR " Mobile phone" OR "Mobile Phones" OR "Mobile Telephone" OR "Mobile Telephones" OR "Smart Phone" OR "Smart Phones" OR smartphone) OR TITLE-ABS-KEY (smartphones OR ehealth OR mhealth OR "Mobile Health" OR telehealth OR telemedicine OR "information System" OR "Information Systems" OR internet OR "Web browser" OR "World Wide Web" OR "On Line" OR online OR on-line OR online OR "Online system")) AND DOCTYPE (ar) AND PUBYEAR > 2007 AND PUBYEAR < 2018) **AND** ((TITLE-ABS-KEY (management OR "Patient Care Management" OR education OR training OR consultant OR consultation "Distance Counseling" OR teleconsultation OR teleconsultations OR "Referral and Consultation" OR promotion) OR TITLE-ABS-KEY (manage* OR edu* OR train* OR consult* OR promot* OR enhace* OR care OR change)) AND DOCTYPE (ar) AND PUBYEAR > 2007 AND PUBYEAR < 2018)

Web of Science Search strategy

TS=("female sexual dysfunction" OR "hypoactive sexual desire disorder" OR "Libido disorder" OR "male sexual dysfunction" OR "Safe Sex" OR "sex allocation" OR "Sex Attractants" OR "sex determination process"

OR "Sex Determination Processes"OR "Sexual Abstinence" OR "Sexual Activities" OR "Sexual Activity" OR "Sexual and Gender Disorders" OR "Sexual Aversion Disorder" OR "Sexual Behavior" OR "sexual deviation" OR "Sexual Dysfunction" OR "Sexual Dysfunctions" OR "Sexual Gratification" OR "Sexual Health" OR "Sexual Maturation" OR "sexual maturity" OR "Sexual partner" OR "Sexual Partners" OR "Sexual Satisfaction OR Sexuality OR "Unsafe Sex" OR safe sex) **AND** TS= (Apps OR "Cell Phone" OR "cell phones" OR Cellphone OR Cellphones OR "cellular phone" OR "cellular telephone" OR Computer OR "Computer Software Application" OR "Computer Software Applications" OR "Computer System" OR "Computer Systems" OR Computers OR eHealth OR "information System" OR "Information Systems" OR Internet OR mHealth OR "Mobile App" OR "Mobile Application" OR "Mobile Applications" OR "Mobile Apps" OR "Mobile Health" OR "Mobile phone" OR "Mobile Phones" OR "Mobile Telephone" OR "Mobile Telephones" OR "On Line" OR Online OR On-Line OR "Online computer" OR "Online system" OR "Online Systems" OR "Smart Phone" OR "Smart Phones" OR Smartphone OR Smartphones OR Software OR "Software Application" OR Telehealth OR Telemedicine OR "Web browser" OR "World Wide Web") **AND** TS=(manage* OR Edu* OR train* OR consult* OR promot* OR enhace* OR care OR change)

Proquest

ab("Sexual Dysfunction" OR "Sexual Dysfunctions" OR "female sexual dysfunction" OR "male sexual dysfunction" OR "hypoactive sexual desire disorder" OR "Libido disorder" OR "sex allocation" OR "Sex Attractants" OR "Sex Determination Processes" OR "Sexual Abstinence" OR "Sexual Activities" OR "Sexual Activity" OR "Sexual and Gender Disorders" OR "Sexual Aversion Disorder" OR "Sexual Behavior" OR "sexual deviation" OR "Sexual Gratification" OR "Sexual Health" OR "Sexual Maturation" OR "sexual maturity" OR "Sexual partner" OR "Sexual Partners" OR "Sexual Satisfaction" OR Sexuality OR "Unsafe Sex" OR "safe sex") **AND** ab(Apps OR "Mobile App" OR "Mobile Apps" OR "Mobile Application" OR "Mobile Applications" OR Software OR "Software Application" OR Computer OR Computers OR "Computer Software Application" OR "Computer Software Applications" OR "Computer System" OR "Computer Systems" OR "Cell Phone" OR "cell phones" OR Cellphone OR Cellphones OR "cellular phone" OR "cellular telephone" OR " Mobile phone" OR "Mobile Phones" OR "Mobile Telephone" OR "Mobile Telephones" OR "Smart Phone" OR "Smart Phones" OR Smartphone OR Smartphones OR eHealth OR mHealth OR "Mobile Health" OR Telehealth OR Telemedicine OR "information System" OR "Information Systems" OR Internet OR "Web browser" OR "World Wide Web" OR "On Line" OR Online OR On-Line OR Online OR "Online system" OR "Online Systems") **AND** (management OR "Patient Care Management" OR Education OR training OR consultant OR Consultation "Distance Counseling" OR Teleconsultation OR Teleconsultations OR "Referral and Consultation" OR promotion) … limitations:

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Document type: Article

Language: English

EMBAS

(('sexual dysfunction':ab,ti OR 'sexual dysfunctions':ab,ti OR 'female sexual dysfunction':ab,ti OR 'male sexual dysfunction':ab,ti OR 'hypoactive sexual desire disorder':ab,ti OR 'libido disorder':ab,ti OR 'sex allocation':ab,ti OR 'sex attractants':ab,ti OR 'sex determination processes':ab,ti OR 'sexual abstinence':ab,ti OR 'sexual activities':ab,ti OR 'sexual activity':ab,ti OR 'sexual':ab,ti) **AND** 'gender disorders':ab,ti OR 'sexual aversion disorder':ab,ti OR 'sexual behavior':ab,ti OR 'sexual deviation':ab,ti OR 'sexual gratification':ab,ti OR 'sexual health':ab,ti OR 'sexual maturation':ab,ti OR 'sexual maturity':ab,ti OR 'sexual partner':ab,ti OR 'sexual

partners':ab,ti OR 'sexual satisfaction':ab,ti OR 'sexuality':ab,ti OR 'unsafe sex':ab,ti OR 'safe sex':ab,ti) **AND** ('apps':ab,ti OR 'mobile application':ab,ti OR 'software':ab,ti OR 'software application':ab,ti OR 'computer':ab,ti OR 'computer software application':ab,ti OR 'computer system':ab,ti OR 'mobile phone':ab,ti OR 'smartphone':ab,ti OR 'mhealth':ab,ti OR 'mobile health':ab,ti OR 'telehealth':ab,ti OR 'telemedicine':ab,ti OR 'information system':ab,ti OR 'internet':ab,ti OR 'web browser':ab,ti OR 'online system':ab,ti) **AND** ('management':ab,ti OR 'education':ab,ti OR 'training':ab,ti OR 'consultation':ab,ti OR 'teleconsultation':ab,ti OR 'teleconsultations':ab,ti OR 'health promotion':ab,ti) AND ([article]/lim OR [article in press]/lim) AND [humans]/lim AND [english]/lim AND [clinical study]/lim AND [embase]/lim AND [2008-2017]/py AND ([embase]/lim OR [medline]/lim)