Authors	Was the research described as randomized?	Was the approachof randomization appropriate?	Was the research described as blinding?	Was the approach of blinding appropriate? *	Was there a presentation of withdrawals and dropouts?	Was there a presentation of the inclusion/exclusio n criteria?	je ob	Was the approach of statistical analysis described?	total
Lori A. Brotto (1)	0	0	0	0	1	1	0	1	3
Lori A. Brotto (2)	0	0	0	0	0	1	0	1	2
Alice Hucker(3)	1	1	1	0	1	1	0	1	6
Susanna B. Hummel(4)	1	1	0	0	1	1	0	1	5
Fatemeh Hamidi (5)	1	1	1	0	1	1	1	1	7
Kyle R. Stephenson (6)	0	0	0	0	1	1	1	1	4

Appendix 1. Quality Assessment According to the Modified Jadad Score in the Included Trials

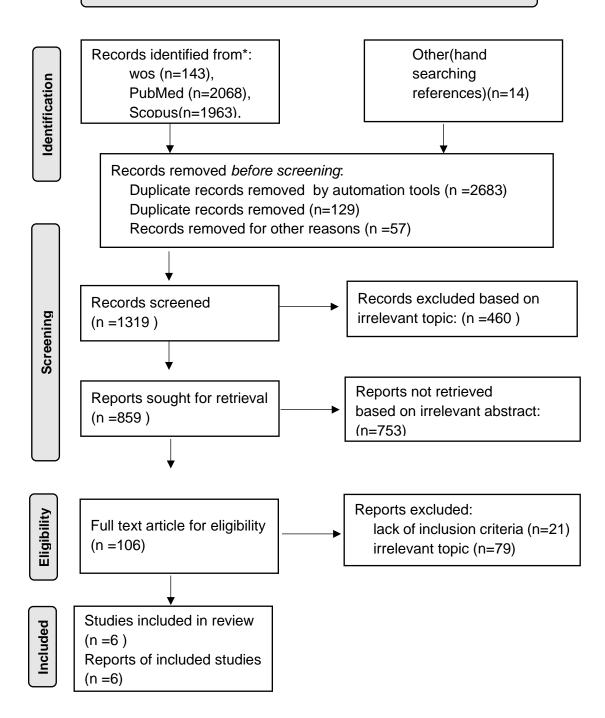
Appe	Appendix 2. Characteristics of the Studies on Impact of Telemedicine for Improving Women's Sexual Satisfaction								
Author names	country of research	publication vear	Study Desian	Disease Type	target population	intervention	method	main findings	
Alice	Austr	2015	RCT	sexual	Women	The online CBT	Chat	Women who completed	
Hucker(alia			dysfun	with	program consisted	Groups,	the PPP program	
3)				ctions	multiple sexual	of three key components:	e-mail,	exhibited significantly greater improvements in	
					concerns	psychoeducation,	contact	measures of sexual	
						sensate focus	with a	desire (libido), sexual	
						exercises, and a	therapist,	arousal, orgasmic	
						mindfulness-based	Pursuing	function, and overall	
						psychoeducational	Pleasure	satisfaction compared to	
						program	(PP	the waitlist control group	
							website)		
Lori A.	Cana	2017	quas	sexual	Individuals		Not	The intervention resulted	
Brotto(2	da		iexp	dysfun	with a		reported	in significant	
)			erim	ctions	history of			improvements in	
			ental		colorectal			women's libido, arousal,	
					and			lubrication, satisfaction,	
					gynecolog			and overall sexual	
					ic cancer			performance, as	
								measured by the	
								relevant assessment	
								tools. These	
								improvements were	
								sustained for a follow-up	
								period of 6 months	

Susann	Nethe	2017	RCT	sexual	Individuals	(iCBT typically	e-mail,	Investigating the
a B.	rlands			dysfun	with a	incorporates	telephon	Efficacy of iCBT) for
Hummel				ctions	history of	several	е	Addressing Sexual
(4)					breast	components:		Dysfunction, Body
					cancer	standardized		Image Concerns, and
						psychoeducational		Menopausal Symptoms
						materials,		in Breast Cancer
						therapist-assigned		Survivors
						homework		
						exercises, self-		
						monitoring reports		
						submitted to a		
						sexologist, and		
						therapist feedback		
						on those reports		
Lori A.	Cana	2022	quas	sexual	Women	Online Mindfulnes	Website	The effectiveness and
Brotto(1	da		iexp	dysfun	with			practicality of online
)			erim	ctions	Female			mindfulness
			ental		SIAD			interventions
Fateme	iran	2023	RCT	sexual	women	social network-	Social	The usefulness and
h				dysfun	with	based supportive	network	effectiveness of the
Hamidi(ctions	breast	program	(WhatsA	support program of
5)					cancer		pp)	social networks on the
								sexual performance of
								women with breast
								cancer
Kyle R.	Cana	2023	quas	sexual	women	Online MBT/CBT	Self-	The online intervention
Stephen	da		iexp	dysfun	without SA		Directed	program was beneficial
son(6)			erim	ctions	history		E-	in each group
			ental				learning	
							Program	

ICBT= Internet-based cognitive behavioral therapy; SIAD= Sexual Interest/Arousal Disorder

Appendix 3. Characteristics of the Studies on Female Sexual Function Index Variables								
Domain	Alice Hucker (2015)	Lori A. Brotto (2017)	Susanna B. Hummel (2017)	Lori A. Brotto (2022)	Fatemeh Hamidi (2023)	Kyle R. Stephensor (2023)		
Desire	2.67 (0.86) /	2.18 (1.15) /	2.03 (0.84) /	2.15 (0.68) /	2.98 (1.10) /	2.08 (0.73) /		
	3.55 (0.64)	2.92 (1.18)	2.63 (1.08)	3.28 (0.73)	4.14 (0.89)	3.17 (0.66)		
Arousal	3.42 (1.06) /	2.83 (1.28) /	2.19 (1.47) /	2.72 (1.09) /	3.16 (1.82) /	2.60 (0.87) /		
	4.70 (0.79)	3.95 (1.48)	2.85 (1.76)	4.53 (0.88)	4.24 (1.35)	4.42 (0.84)		
Lubrication	4.33 (1.16) /	2.42 (1.31) /	2.20 (1.69) /	3.60 (1.52) /	3.39 (1.57) /	3.79 (1.45) /		
	5.31 (0.80)	3.11 (1.69)	2.88 (1.98)	4.75 (1.58)	4.13 (1.31)	4.82 (1.49)		
Orgasm	3.72 (1.52) /	3.07 (1.57) /	2.46 (1.91) /	3.58 (1.60) /	3.36 (2.01) /	3.37 (1.55) /		
	4.70 (1.39)	4.09 (1.60)	3.11 (2.10)	4.61 (1.45)	4.53 (1.47)	4.00 (1.64)		
Pain	4.47 (1.41) /	3.99 (1.45) /	1.86 (2.05) /	4.80 (1.22) /	3.04 (1.81) /	-		
	5.00 (1.21)	4.64 (1.44)	2.11 (2.18)	5.32 (0.88)	2.37 (1.34)			
Satisfaction	3.30 (1.15) /	3.56 (1.35) /	2.94 (1.26) /	3.20 (1.21) /	3.50 (2.16) /	3.17 (1.12) /		
	4.72 (0.59)	4.55 (1.27)	3.71 (1.56)	4.65 (0.89)	4.72 (1.55)	4.50 (1.00)		

Identification of studies via databases and registers



Appendix 4: Identification of studies through databases and registries based on PRISMA flow diagram (2020)

Appendix 5. Strategy search tables

Main Concept	Keywords
Population/subject: sexual health	Sexual dysfunction* OR sexual disorder* OR sexual difficult* OR sexual problem* OR sexual complaint*
Intervention: Mobile technology	"mobile app" OR "mobile apps" OR smartphone OR "mobile health" OR "mHealth" OR "m health" OR "m-health" OR "smart phone" OR "Cellular phone" OR "Cell phone" OR "Cellphone" OR "cellular telephone" OR tablet OR PDA OR iPad OR "Application Softwares" OR "Applications Software" OR "Mobile Applications" OR "telemedicine" OR "mobile health" OR "mHealth" OR "m health" OR "m-health"
Outcome: aim of the interventions	satisfaction OR management OR Education OR training OR consultation OR promotion OR enhancement OR care OR change OR empowerment

Search Strategy-pubmed	No.
("Sex Attractants"[Mesh] OR "Sexual Abstinence"[Mesh] OR "Sexual and Gender	2068
Disorders"[Mesh] OR "Sexual Development"[Mesh] OR "Sexual Dysfunction,	
Physiological"[Mesh] OR "Sexual Health"[Mesh] OR "Sexual Partners"[Mesh] OR	
"Sexuality"[Mesh] OR "sexual behavior"[MeSH Terms] OR "sexual behavior" OR "sex	
behavior" OR "sexual activities" OR "sexual activity" OR "sexual dysfunction" OR	
"sexual dysfunctions" OR "sexual disorder" OR "sexual disorders" OR "sexual	
difficulty" OR "sexual difficulties" OR "sexual problem" OR "sexual problems" OR	
"sexual complaint" OR "sexual complaints" OR "hypoactive sexual desire disorder" OR	

"Libido disorder" OR "Sexual and Gender Disorders" OR "Sexual Aversion Disorder" OR "sex allocation" OR "Sex Attractants" OR "Sex Determination Processes" OR "Sexual Abstinence" OR "sexual deviation" OR "Sexual Gratification" OR "Sexual Health" OR "Sexuality" OR "Sexual Maturation" OR "sexual maturity" OR "Sexual partner" OR "sexual distress" OR " Sexual Functioning" OR " Sexual functioning" OR " psychosexual distress" OR " Psychosexual concerns")

AND

("mobile" OR "mobile technology" OR "mobile app" OR "mobile apps" OR smartphone OR smartphones OR "smart phone" OR "smart phones" OR "Smartphone"[Mesh] OR "Cellular phone" OR "Cell phone" OR "Cellphone" OR "cellular telephone" OR tablet OR PDA OR iPad OR "Application Softwares" OR "Applications Software" OR "Mobile Applications"[Mesh] OR "Computers, Handheld"OR "computer handheld" OR "handheld computer" OR "computers handheld" OR "handheld computers" OR "telemedicine" OR "mobile health" OR "mHealth" OR "m health" OR "m-health" OR "mobile information system" OR "Information Technology" OR "digital health" OR "text messaging" OR "text message")

AND

(satisfaction OR management OR Education OR training OR consultation OR promotion OR enhancement OR care OR change OR empowerment OR "sexual satisfaction" OR "sexual desire" OR "sexual consent" OR "sexual pleasure" OR "sexual enjoyment")

Search Strategy-Scopus	No.
("Sex Attractants"OR "Sexual Abstinence" OR "Sexual and Gender Disorders"OR	1963
"Sexual Development"OR "Sexual Dysfunction, Physiological"OR "Sexual Health"OR	
"Sexual Partners"OR "Sexuality"OR "sexual behavior" OR "sexual behavior" OR "sex	
behavior" OR "sexual activities" OR "sexual activity" OR "sexual dysfunction" OR	
"sexual dysfunctions" OR "sexual disorder" OR "sexual disorders" OR "sexual	

difficulty" OR "sexual difficulties" OR "sexual problem" OR "sexual problems" OR "sexual complaint" OR "sexual complaints" OR "hypoactive sexual desire disorder" OR "Libido disorder" OR "Sexual and Gender Disorders" OR "Sexual Aversion Disorder" OR "sex allocation" OR "Sex Attractants" OR "Sex Determination Processes" OR "Sexual Abstinence" OR "sexual deviation" OR "Sexual Gratification" OR "Sexual Health" OR "Sexuality" OR "Sexual Maturation" OR "sexual maturity" OR "Sexual partner")

AND

("mobile" OR "mobile technology" OR "mobile app" OR "mobile apps" OR smartphone OR smartphones OR "smart phone" OR "smart phones" OR "Smartphone"OR "Cellular phone" OR "Cell phone" OR "Cellphone" OR "cellular telephone" OR tablet OR PDA OR iPad OR "Application Softwares" OR "Applications Software" OR "Mobile Applications" OR "Computers, Handheld" OR "computer handheld" OR "handheld computer" OR "computers handheld" OR "handheld computers" OR "telemedicine" OR "mobile health" OR "mHealth" OR "m health" OR "m-health" OR "mobile information system" OR "Information Technology" OR "digital health" OR "text messaging" OR "text message")

AND

(satisfaction OR management OR Education OR training OR consultation OR promotion OR enhancement OR care OR change OR empowerment)

Search Strategy-WOS

No.

TI= ("Sex Attractants"OR "Sexual Abstinence" OR "Sexual and Gender Disorders"OR143"Sexual Development"OR "Sexual Dysfunction, Physiological"OR "Sexual Health"OR143"Sexual Partners"OR "Sexuality"OR "sexual behavior" OR "sexual dysfunction" OR"sexual dysfunctions" OR "sexual disorder" OR "sexual disorders" OR "sexual problems" OR "sexual problems" OR "sexual problems" OR "sexual problems" OR "sexual disorders" OR "sexual disorders" OR "sexual problems" OR "sexual problems"

"sexual complaint" OR "sexual complaints" OR "hypoactive sexual desire disorder" OR "Libido disorder" OR "Sexual and Gender Disorders" OR "Sexual Aversion Disorder" OR "sex allocation" OR "Sex Attractants" OR "Sex Determination Processes" OR "Sexual Abstinence" OR "sexual deviation" OR "Sexual Gratification" OR "Sexual Health" OR "Sexuality" OR "Sexual Maturation" OR "sexual maturity" OR "Sexual partner" OR "sexual distress" OR " Sexual Functioning" OR " Sexual functioning" OR " psychosexual distress" OR " Psychosexual concerns")

AND

("mobile" OR "mobile technology" OR "mobile app" OR "mobile apps" OR smartphone OR smartphones OR "smart phone" OR "smart phones" OR "Smartphone"OR "Cellular phone" OR "Cell phone" OR "Cellphone" OR "cellular telephone" OR tablet OR PDA OR iPad OR "Application Softwares" OR "Applications Software" OR "Mobile Applications" OR "Computers, Handheld" OR "computer handheld" OR "handheld computer" OR "computers handheld" OR "handheld computers" OR "telemedicine" OR "mobile health" OR "mHealth" OR "m health" OR "m-health" OR "mobile information system" OR "Information Technology" OR "digital health" OR "text messaging" OR "text message")

AND

(satisfaction OR management OR Education OR training OR consultation OR promotion OR enhancement OR care OR change OR empowerment OR "sexual satisfaction" OR "sexual desire" OR "sexual consent" OR "sexual pleasure" OR "sexual enjoyment")

TS= ("Sex Attractants"OR "Sexual Abstinence" OR "Sexual and Gender Disorders"OR "Sexual Development"OR "Sexual Dysfunction, Physiological"OR "Sexual Health"OR "Sexual Partners"OR "Sexuality"OR "sexual behavior" OR "sexual behavior" OR "sex behavior" OR "sexual activities" OR "sexual activity" OR "sexual dysfunction" OR "sexual dysfunctions" OR "sexual disorder" OR "sexual disorders" OR "sexual difficulty" OR "sexual difficulties" OR "sexual problem" OR "sexual problems" OR "sexual complaint" OR "sexual complaints" OR "hypoactive sexual desire disorder" OR "Libido disorder" OR "Sexual and Gender Disorders" OR "Sexual Aversion Disorder" OR "sex allocation" OR "Sex Attractants" OR "Sex Determination Processes" OR "Sexual Abstinence" OR "sexual deviation" OR "Sexual Gratification" OR "Sexual Health" OR "Sexuality" OR "Sexual Maturation" OR "sexual maturity" OR "Sexual partner" OR "sexual distress" OR " Sexual Functioning" OR " Sexual functioning" OR " psychosexual distress" OR " Psychosexual concerns")

AND

("mobile" OR "mobile technology" OR "mobile app" OR "mobile apps" OR smartphone OR smartphones OR "smart phone" OR "smart phones" OR "Smartphone"OR "Cellular phone" OR "Cell phone" OR "Cellphone" OR "cellular telephone" OR tablet OR PDA OR iPad OR "Application Softwares" OR "Applications Software" OR "Mobile Applications" OR "Computers, Handheld" OR "computer handheld" OR "handheld computer" OR "computers handheld" OR "handheld computers" OR "telemedicine" OR "mobile health" OR "mHealth" OR "m health" OR "m-health" OR "mobile information system" OR "Information Technology" OR "digital health" OR "text messaging" OR "text message")

AND

(satisfaction OR management OR Education OR training OR consultation OR promotion OR enhancement OR care OR change OR empowerment OR "sexual satisfaction" OR "sexual desire" OR "sexual consent" OR "sexual pleasure" OR "sexual enjoyment")

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