Search strategy

PubMed

Set	Search strategy
#1	"Prostatic Neoplasms"[Mesh]
#2	"prostate cancer*"[tiab] OR "prostatic cancer*"[tiab] OR "prostate neoplasm*"[tiab] OR "prostatic neoplasm*"[tiab] OR "prostate carcinoma*"[tiab] OR "prostatic carcinoma*"[tiab] OR "prostate tumor*"[tiab] OR "prostate tumour*"[tiab]
#3	#1 OR #2
#4	"Sexual Health"[Mesh] OR "Sexuality"[Mesh] OR "Sexual Dysfunction, Physiological"[Mesh] OR "Sexual Dysfunctions, Psychological"[Mesh] OR "Erectile Dysfunction"[Mesh] OR "Libido"[Mesh] OR "Orgasm"[Mesh]
#5	"sexual health"[tiab] OR sexualit*[tiab] OR "sexual function*"[tiab] OR "sexual dysfunction*"[tiab] OR "sexual well-being"[tiab] OR "sexual wellbeing"[tiab] OR psychosexual*[tiab] OR "erectile function*"[tiab] OR "erectile dysfunction*"[tiab] OR "sexual desire"[tiab] OR libido[tiab] OR orgasm*[tiab] OR "sexual satisfaction"[tiab] OR "sexual distress"[tiab] OR intimac*[tiab] OR "partner communication"[tiab] OR "sexual rehabilitation"[tiab] OR "penile rehabilitation"[tiab]
#6	#4 OR #5
#7	"Nursing Care"[Mesh] OR "Oncology Nursing"[Mesh] OR "Nurses"[Mesh] OR "Nurse's Role"[Mesh]
#8	nurs*[tiab] OR "nurse-led"[tiab] OR "nurse led"[tiab] OR "nurse-delivered"[tiab] OR "nurse delivered"[tiab] OR "nurse-coordinated"[tiab] OR "nurse coordinated"[tiab] OR "nurse-managed"[tiab] OR "nurse managed"[tiab] OR "nursing intervention*"[tiab] OR "nursing care"[tiab] OR "specialist nurse*"[tiab] OR "advanced practice nurse*"[tiab]
#9	#7 OR #8
#10	#3 AND #6 AND #9

Embase

Set	Search strategy
#1	'prostate cancer'/exp
#2	'prostate cancer*':ti,ab,kw OR 'prostatic cancer*':ti,ab,kw OR 'prostate neoplasm*':ti,ab,kw OR 'prostatic neoplasm*':ti,ab,kw OR 'prostate carcinoma*':ti,ab,kw OR 'prostatic carcinoma*':ti,ab,kw OR 'prostate tumor*':ti,ab,kw OR 'prostate tumour*':ti,ab,kw

Set	Search strategy
#3	#1 OR #2
#4	'sexual health'/exp OR 'sexual dysfunction'/exp OR 'erectile dysfunction'/exp OR 'libido'/exp OR 'orgasm'/exp
#5	'sexual health':ti,ab,kw OR sexualit*:ti,ab,kw OR 'sexual function*':ti,ab,kw OR 'sexual dysfunction*':ti,ab,kw OR 'sexual well-being':ti,ab,kw OR 'sexual wellbeing':ti,ab,kw OR psychosexual*:ti,ab,kw OR 'erectile function*':ti,ab,kw OR 'erectile dysfunction*':ti,ab,kw OR 'sexual desire':ti,ab,kw OR libido:ti,ab,kw OR orgasm*:ti,ab,kw OR 'sexual satisfaction':ti,ab,kw OR 'sexual distress':ti,ab,kw OR intimac*:ti,ab,kw OR 'partner communication':ti,ab,kw OR 'sexual rehabilitation':ti,ab,kw OR 'penile rehabilitation':ti,ab,kw
#6	#4 OR #5
#7	'nursing care'/exp OR 'oncology nursing'/exp OR 'nurse'/exp
#8	nurs*:ti,ab,kw OR 'nurse-led':ti,ab,kw OR 'nurse led':ti,ab,kw OR 'nurse-delivered':ti,ab,kw OR 'nurse delivered':ti,ab,kw OR 'nurse-coordinated':ti,ab,kw OR 'nurse coordinated':ti,ab,kw OR 'nurse-managed':ti,ab,kw OR 'nurse managed':ti,ab,kw OR 'nursing intervention*':ti,ab,kw OR 'nursing care':ti,ab,kw OR 'specialist nurse*':ti,ab,kw OR 'advanced practice nurse*':ti,ab,kw
#9	#7 OR #8
#10	#3 AND #6 AND #9

CINAHL

Set	Search strategy
#1	(MH "Prostatic Neoplasms+")
#2	TI ("prostate cancer*" OR "prostatic cancer*" OR "prostate neoplasm*" OR "prostatic neoplasm*" OR "prostate carcinoma*" OR "prostatic carcinoma*" OR "prostate tumor*" OR "prostate tumour*") OR AB ("prostate cancer*" OR "prostatic cancer*" OR "prostate neoplasm*" OR "prostatic neoplasm*" OR "prostate carcinoma*" OR "prostatic carcinoma*" OR "prostate tumor*" OR "prostate tumour*")
#3	S1 OR S2
#4	(MH "Sexual Health+") OR (MH "Sexual Dysfunction, Male+") OR (MH "Erectile Dysfunction+")
#5	TI ("sexual health" OR sexualit* OR "sexual function*" OR "sexual dysfunction*" OR "sexual well-being" OR "sexual wellbeing" OR psychosexual* OR "erectile function*" OR "erectile dysfunction*" OR "sexual desire" OR libido OR orgasm* OR "sexual satisfaction" OR "sexual distress" OR intimac* OR "partner communication" OR "sexual rehabilitation" OR "penile rehabilitation") OR AB ("sexual health" OR sexualit* OR "sexual function*" OR "sexual

Set	Search strategy
	dysfunction*" OR "sexual well-being" OR "sexual wellbeing" OR psychosexual* OR "erectile function*" OR "erectile dysfunction*" OR "sexual desire" OR libido OR orgasm* OR "sexual satisfaction" OR "sexual distress" OR intimac* OR "partner communication" OR "sexual rehabilitation" OR "penile rehabilitation")
#6	S4 OR S5
#7	(MH "Nursing Care+") OR (MH "Oncology Nursing+") OR (MH "Nurses+")
#8	TI (nurs* OR "nurse-led" OR "nurse led" OR "nurse-delivered" OR "nurse delivered" OR "nurse-coordinated" OR "nurse coordinated" OR "nurse-managed" OR "nurse managed" OR "nursing intervention*" OR "nursing care" OR "specialist nurse*" OR "advanced practice nurse*") OR AB (nurs* OR "nurse-led" OR "nurse led" OR "nurse-delivered" OR "nurse delivered" OR "nurse-coordinated" OR "nurse coordinated" OR "nurse-managed" OR "nurse managed" OR "nursing intervention*" OR "nursing care" OR "specialist nurse*" OR "advanced practice nurse*")
#9	S7 OR S8
#10	S3 AND S6 AND S9

PsycINFO

Set	Search strategy
#1	DE "Prostate Cancer"
#2	TI ("prostate cancer*" OR "prostatic cancer*" OR "prostate neoplasm*" OR "prostatic neoplasm*" OR "prostate carcinoma*" OR "prostatic carcinoma*" OR "prostate tumor*" OR "prostate tumour*") OR AB ("prostate cancer*" OR "prostatic cancer*" OR "prostate neoplasm*" OR "prostatic neoplasm*" OR "prostate carcinoma*" OR "prostatic carcinoma*" OR "prostate tumor*" OR "prostate tumour*")
#3	S1 OR S2
#4	DE "Sexuality" OR DE "Sexual Dysfunction" OR DE "Erectile Dysfunction" OR DE "Libido" OR DE "Orgasm"
#5	TI ("sexual health" OR sexualit* OR "sexual function*" OR "sexual dysfunction*" OR "sexual well-being" OR "sexual wellbeing" OR psychosexual* OR "erectile function*" OR "erectile dysfunction*" OR "sexual desire" OR libido OR orgasm* OR "sexual satisfaction" OR "sexual distress" OR intimac* OR "partner communication" OR "sexual rehabilitation" OR "penile rehabilitation") OR AB ("sexual health" OR sexualit* OR "sexual function*" OR "sexual dysfunction*" OR "sexual well-being" OR "sexual wellbeing" OR psychosexual* OR "erectile function*" OR "erectile dysfunction*" OR "sexual desire" OR libido OR orgasm* OR "sexual

Set	Search strategy
	satisfaction" OR "sexual distress" OR intimac* OR "partner communication" OR "sexual rehabilitation" OR "penile rehabilitation")
#6	S4 OR S5
#7	DE "Nursing" OR DE "Nurses" OR DE "Nursing Care"
#8	TI (nurs* OR "nurse-led" OR "nurse led" OR "nurse-delivered" OR "nurse delivered" OR "nurse-coordinated" OR "nurse coordinated" OR "nurse-managed" OR "nurse managed" OR "nursing intervention*" OR "nursing care" OR "specialist nurse*" OR "advanced practice nurse*") OR AB (nurs* OR "nurse-led" OR "nurse led" OR "nurse-delivered" OR "nurse delivered" OR "nurse-coordinated" OR "nurse coordinated" OR "nurse-managed" OR "nurse managed" OR "nursing intervention*" OR "nursing care" OR "specialist nurse*" OR "advanced practice nurse*")
#9	S7 OR S8
#10	S3 AND S6 AND S9

Web of Science Core Collection

Set	Search strategy
#1	TS=("prostate cancer*" OR "prostatic cancer*" OR "prostate neoplasm*" OR "prostatic neoplasm*" OR "prostate carcinoma*" OR "prostatic carcinoma*" OR "prostate tumor*" OR "prostate tumour*")
#2	TS=("sexual health" OR sexualit* OR "sexual function*" OR "sexual dysfunction*" OR "sexual well-being" OR "sexual wellbeing" OR psychosexual* OR "erectile function*" OR "erectile dysfunction*" OR "sexual desire" OR libido OR orgasm* OR "sexual satisfaction" OR "sexual distress" OR intimac* OR "partner communication" OR "sexual rehabilitation" OR "penile rehabilitation")
#3	TS=(nurs* OR "nurse-led" OR "nurse led" OR "nurse-delivered" OR "nurse delivered" OR "nurse-coordinated" OR "nurse coordinated" OR "nurse-managed" OR "nurse managed" OR "nursing intervention*" OR "nursing care" OR "specialist nurse*" OR "advanced practice nurse*")
#4	#1 AND #2 AND #3

CENTRAL

Set	Search strategy
#1	MeSH descriptor: [Prostatic Neoplasms] explode all trees

Set	Search strategy
#2	("prostate cancer*" OR "prostatic cancer*" OR "prostate neoplasm*" OR "prostatic neoplasm*" OR "prostate carcinoma*" OR "prostatic carcinoma*" OR "prostate tumor*" OR "prostate tumour*"):ti,ab,kw
#3	#1 OR #2
#4	MeSH descriptor: [Sexual Health] explode all trees
#5	MeSH descriptor: [Sexual Dysfunction, Physiological] explode all trees
#6	MeSH descriptor: [Sexual Dysfunctions, Psychological] explode all trees
#7	MeSH descriptor: [Erectile Dysfunction] explode all trees
#8	("sexual health" OR sexualit* OR "sexual function*" OR "sexual dysfunction*" OR "sexual well-being" OR "sexual wellbeing" OR psychosexual* OR "erectile function*" OR "erectile dysfunction*" OR "sexual desire" OR libido OR orgasm* OR "sexual satisfaction" OR "sexual distress" OR intimac* OR "partner communication" OR "sexual rehabilitation" OR "penile rehabilitation"):ti,ab,kw
#9	#4 OR #5 OR #6 OR #7 OR #8
#10	MeSH descriptor: [Nursing Care] explode all trees
#11	MeSH descriptor: [Oncology Nursing] explode all trees
#12	MeSH descriptor: [Nurses] explode all trees
#13	MeSH descriptor: [Nurse's Role] explode all trees
#14	(nurs* OR "nurse-led" OR "nurse led" OR "nurse-delivered" OR "nurse delivered" OR "nurse-coordinated" OR "nurse coordinated" OR "nurse-managed" OR "nurse managed" OR "nursing intervention*" OR "nursing care" OR "specialist nurse*" OR "advanced practice nurse*"):ti,ab,kw
#15	#10 OR #11 OR #12 OR #13 OR #14
#16	#3 AND #9 AND #15

Supplementary searches

The reference lists of included studies and relevant reviews will be screened for additional eligible reports. Forward citation tracking of included studies will be conducted using Web of Science Core Collection and Google Scholar. All databases will be searched from inception to the final search date without language restrictions, and the searches will be updated before the final synthesis.