

Actual search strategies

Database(s): Ovid MEDLINE(R) 1946 to Present and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) Daily, EBM Reviews - Cochrane Central Register of Controlled Trials November 2019, EBM Reviews—Cochrane Database of Systematic Reviews 2005 to December 19, 2019, Embase 1974 to 2019 December 20

Search strategy

1	TITLE-ABS-KEY(((sex* or gender) W/1 (transition* or transform* or reassign* or chang*)) OR ((trans or intersex) W/1 (sexual* or gender* or male or men or women or female or people or person*)) OR (cross W/1 (sex* or gender*)) OR (trans W/1 gender*) OR "2 spirit person" OR "2-spirit person" OR crossgender* OR "gender dysphoria*" OR "gender identit*" OR "gender nonbinary" OR "gender nonconforming" OR "gender queer*" OR "Gender reassignment*" OR genderqueer* OR "gender-variant*" OR "male to female" OR "nonbinary gender*" OR "nonconforming gender*" OR "Sex reassignment*" OR transexual* OR transgender* OR transgenderism OR transpeople OR transperson* OR transsexual*)
2	TITLE-ABS-KEY ((fertility OR reproduction OR reproductive) W/2 (technol* OR preserv* OR cryopreserv* OR method*))
3	TITLE-ABS-KEY ((fertility OR reproduction OR reproductive OR "family planning"))
4	TITLE-ABS-KEY (((oocyte* OR embyo* OR ovarian OR ovaries OR ovary OR sperm* OR testicular OR testicle* OR gonad* OR gammete*) W/2 (preserv* OR cryopreserv* OR freez* OR frozen OR bank*))
5	#2 or #3 or #4
6	#1 and #5
7	INDEX(embase) OR INDEX(medline) OR PMID(0* OR 1* OR 2* OR 3* OR 4* OR 5* OR 6* OR 7* OR 8* OR 9*)
8	#6 and not #7
9	DOCTYPE(ed) OR DOCTYPE(bk) OR DOCTYPE(er) OR DOCTYPE(no) OR DOCTYPE(sh) OR DOCTYPE(ch)
10	#8 and not #9
11	PUBYEAR AFT 1999 AND LANGUAGE(arabic or chinese or english or french or german or portuguese or spanish or turkish)
12	#10 and #11
13	TITLE-ABS-KEY((alpaca OR alpacas OR amphibian OR amphibians OR animal OR animals OR antelope OR armadillo OR armadillos OR avian OR baboon OR baboons OR beagle OR beagles OR bee OR bees OR bird OR birds OR bison OR bovine OR buffalo OR buffaloes OR buffalos OR "c elegans" OR "Caenorhabditis elegans" OR camel OR camels OR canine OR canines OR carp OR cats OR cattle OR chick OR chicken OR chickens OR chicks OR chimp OR chimpanze OR chimpanzees OR chimps OR cow OR cows OR "D melanogaster" OR "dairy calf" OR "dairy calves" OR deer OR dog OR dogs OR donkey OR donkeys OR drosophila OR "Drosophila melanogaster" OR duck OR duckling OR ducklings OR ducks OR equid OR equids OR equine OR equines OR feline OR felines OR ferret OR ferrets OR finch OR finches OR fish OR flatworm OR flatworms OR fox OR foxes OR frog OR frogs OR "fruit flies" OR "fruit fly" OR "G mellonella" OR "Galleria mellonella" OR geese OR gerbil OR gerbils OR goat OR goats OR goose OR gorilla OR gorillas OR hamster OR hamsters OR hare OR hares OR heifer OR heifers OR horse OR horses OR insect OR insects OR jellyfish OR kangaroo OR kangaroos OR kitten OR kittens OR lagomorph OR lagomorphs OR lamb OR lambs OR llama OR llamas OR macaque OR macaques OR macaw OR macaws OR marmoset OR marmosets OR mice OR minipig OR minipigs OR mink OR minks OR monkey OR monkeys OR mouse OR mule OR mules OR nematode OR nematodes OR octopus OR octopuses OR orangutan OR "orang-utan" OR orangutans OR "orang-utans" OR oxen OR parrot OR parrots OR pig OR pigeon OR pigeons OR piglet OR piglets OR pigs OR porcine OR primate OR primates OR quail OR rabbit OR rabbits OR rat OR rats OR reptile OR reptiles OR rodent OR rodents OR ruminant OR ruminants OR salmon OR sheep OR shrimp OR slug OR slugs OR swine OR tamarin OR tamarins OR toad OR toads OR trout OR urchin OR urchins OR vole OR voles OR waxworm OR waxworms OR worm OR worms OR xenopus OR "zebra fish" OR zebrafish) AND NOT (human OR humans or patient or patients))
14	#12 and #13

SCOPUS

#	Searches
1	exp Transgender Persons/
2	exp Transsexualism/
3	exp Sex Reassignment Procedures/
4	exp Transgender/ or exp Gender Reassignment/ or exp Gender Dysphoria/
5	((sex* or gender) adj (transition* or transform* or reassign* or chang*)) or ((trans or intersex) adj (sexual* or gender* or male or men or women or female or people or person*)) or (cross adj (sex* or gender*)) or (trans adj gender*) or "2 spirit person" or "2-spirit person" or crossgender* or "gender dysphoria*" or "gender identit*" or "gender nonbinary" or "gender nonconforming" or "gender queer*" or "Gender reassignment*" or genderqueer* or "gender-variant*" or "nonbinary gender*" or "nonconforming gender*" or "Sex reassignment*" or transexual* or transgender* or transgenderism or transpeople or transperson* or transsexual*).ti,ab,hw,kw.
6	1 or 2 or 3 or 4 or 5
7	((fertility or reproduction or reproductive) adj2 (technol* or preserv* or cryopreserv* or method*)).ti,ab,hw,kw.
8	(fertility or reproduction or reproductive).ti.
9	"family planning".ti.
10	((oocyte* or embryo* or ovarian or ovaries or ovary or sperm* or testicular or testicle* or gonad* or gammete*) adj2 (preserv* or cryopreserv* or freez* or frozen or bank*)).ti,ab,hw,kw.
11	fertility preservation/
12	reproductive techniques/
13	semen preservation/
14	cryopreservation/
15	or/7-14
16	6 and 15
17	16 not ((exp animals/ or exp nonhuman/) not exp humans/)
18	((alpaca or alpacas or amphibian or amphibians or animal or animals or antelope or armadillo or armadillos or avian or baboon or baboons or beagle or beagles or bee or bees or bird or birds or bison or bovine or buffalo or buffaloes or buffalos or "c elegans" or "Caenorhabditis elegans" or camel or camels or canine or canines or carp or cats or cattle or chameleon* or chick or chicken or chickens or chicks or chimp or chimpanze or chimpanzees or chimps or cow or cows or "D melanogaster" or "dairy calf" or "dairy calves" or deer or dog or dogs or donkey or donkeys or drosophila or "Drosophila melanogaster" or duck or duckling or ducklings or ducks or equid or equids or equine or equines or feline or felines or ferret or ferrets or finch or finches or fish or flatworm or flatworms or fox or foxes or frog or frogs or "fruit flies" or "fruit fly" or "G mellonella" or "Galleria mellonella" or geese or gerbil or gerbils or goat or goats or goose or gorilla or gorillas or hamster or hamsters or hare or hares or heifer or heifers or horse or horses or insect or insects or jellyfish or kangaroo or kangaroos or kitten or kittens or lagomorph or lagomorphs or lamb or lambs or llama or llamas or macaque or macaques or macaw or macaws or marmoset or marmosets or mice or minipig or minipigs or mink or minks or monkey or monkeys or mouse or mule or mules or nematode or nematodes or octopus or octopuses or orangutan or "orang-utan" or orangutans or "orang-utans" or oxen or parrot or parrots or pig or pigeon or pigeons or piglet or piglets or pigs or porcine or primate or primates or quail or rabbit or rabbits or rat or rats or reptile or reptiles or rodent or rodents or ruminant or ruminants or salmon or sheep or shrimp or slug or slugs or swine or tamarin or tamarins or toad or toads or trout or urchin or urchins or vole or voles or waxworm or waxworms or worm or worms or xenopus or "zebra fish" or zebrafish) not (human or humans or patient or patients)).ti,ab,hw,kw,mp.
19	17 not 18
20	19 not (mice or mouse or rat*).ti.
21	limit 20 to (english or spanish or chinese or french or turkish) [Limit not valid in CCTR,CDSR; records were retained]
22	limit 21 to (conference abstract or editorial or erratum or note or addresses or autobiography or bibliography or biography or blogs or comment or dictionary or directory or interactive tutorial or interview or lectures or legal cases or legislation or news or newspaper article or overall or patient education handout or periodical index or portraits or published erratum or video-audio media or webcasts) [Limit not valid in Ovid MEDLINE(R),Ovid MEDLINE(R) Daily Update,Ovid MEDLINE(R) In-Process,Ovid MEDLINE(R) Publisher,CCTR,CDSR,Embase; records were retained]
23	21 not 22
24	limit 23 to yr="2000 -Current"
25	remove duplicates from 24