

SDC 1. Search Strategy

Ovid

Database(s): EBM Reviews - Cochrane Central Register of Controlled Trials April 2020, EBM Reviews - Cochrane Database of Systematic Reviews 2005 to May 7, 2020, Embase 1974 to 2020 May 08, Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily 1946 to May 08, 2020

Search Strategy:

#	Searches	Results
1	exp Sex Reassignment Procedures/	1883
2	((("gender change" or "gender confirmation" or "gender reassignment" or "sex change" or "sex reassignment" or "gender affirmation" or "sex affirmation" or "sex confirmation") adj4 (surg* or operat* or procedure* or resect*)),ti,ab,hw,kw.	2586
3	exp Orchiectomy/	32307
4	exp Mastectomy/	90161
5	exp Breast Implantation/ or exp Mammoplasty/ or exp Breast Implants/	39676
6	((((face or facial) adj4 (feminis* or feminiz* or masculiniz* or masculinis*)) or (breast* adj3 (remov* or enlarg* or augment* or reconstruct* or implant*)) or castration* or colpoplast* or mammoplast* or mammeotom* or mastectom* or metaoidioplast* or Metoidioplast* or orchidectom* or orchiectom* or phalloplast* or vaginoplast*).ti,ab,hw,kw.	251569
7	3 or 4 or 5 or 6	253580
8	exp Transgendered Persons/	9127
9	exp Transsexualism/	7609
10	exp Transgender/ or exp Gender Reassignment/ or exp Gender Dysphoria/	14099
11	((((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 "female to male" 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 transmen or transpeople or transperson* or transsexual* or transwomen).ti,ab,hw,kw.	406422
12	8 or 9 or 10 or 11	406422
13	7 and 12	6661

14	1 or 2 or 13	8954
15	(detransit* or "de-transit*" or regret* or reversal).ti,ab,hw,kw.	178387
16	14 and 15	180
17	limit 16 to ("all adult (19 plus years)" or "young adult (19 to 24 years)" or "adult (19 to 44 years)" or "young adult and adult (19-24 and 19-44)" or "middle age (45 to 64 years)" or "middle aged (45 plus years)" or "all aged (65 and over)" or "aged (80 and over)") [Limit not valid in CCTR,CDSR,Embase; records were retained]	138
18	limit 17 to (adult <18 to 64 years> or aged <65+ years>) [Limit not valid in CCTR,CDSR,Ovid MEDLINE(R),Ovid MEDLINE(R) Daily Update,Ovid MEDLINE(R) In-Process,Ovid MEDLINE(R) Publisher; records were retained]	71
19	limit 16 to ("all infant (birth to 23 months)" or "all child (0 to 18 years)" or "newborn infant (birth to 1 month)" or "infant (1 to 23 months)" or "preschool child (2 to 5 years)" or "child (6 to 12 years)" or "adolescent (13 to 18 years)") [Limit not valid in CCTR,CDSR,Embase; records were retained]	122
20	limit 19 to (embryo or infant or child or preschool child <1 to 6 years> or school child <7 to 12 years> or adolescent <13 to 17 years>) [Limit not valid in CCTR,CDSR,Ovid MEDLINE(R),Ovid MEDLINE(R) Daily Update,Ovid MEDLINE(R) In-Process,Ovid MEDLINE(R) Publisher; records were retained]	24
21	20 not 18	14
22	16 not 21	166
23	(exp animals/ or exp nonhuman/) not exp humans/	11062465
24	((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	9522555

	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.	
25	22 not (23 or 24)	143
26	25 not (case adj3 report).mp,pt.	130
27	limit 26 to (letter or 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 CCTR,CDSR,Embase,Ovid MEDLINE(R),Ovid MEDLINE(R) Daily Update,Ovid MEDLINE(R) In-Process,Ovid MEDLINE(R) Publisher; records were retained]	22
28	26 not 27	108
29	remove duplicates from 28	75