

For full details of databases searched and strategies used, see the search document on the [webpage](#) for this guideline.

Database name: MEDLINE

Ovid MEDLINE(R) 1996 to March 11, 2021

1	Herpes Genitalis/ or Herpes Simplex/	9315
2	((genital* or simplex*) adj3 herpes*).ti,ab.	23018
3	chlamydia*.ti,ab.	18258
4	Chlamydia Infections/ or Chlamydia/ or Chlamydia trachomatis/	12954
5	((genital* or anogenital* or ano-genital* or venereal*) adj3 wart*).ti,ab.	2262
6	Condylomata Acuminata/	2666
7	"condylomata acuminata".ti,ab.	362
8	Gonorrhea/	5249
9	(Gonorrhea* or Gonorrhoea*).ti,ab.	8854
10	Syphilis/	6668
11	syphilis*.ti,ab.	10041
12	(lymphogranuloma venereum or lgv).ti,ab.	600
13	Lymphogranuloma Venereum/	545
14	Trichomonas vaginalis/	2002
15	(trichomonas vaginali* or Trichomoniasi*).ti,ab.	3429
16	Trichomonas Infections/	934
17	(mycoplasma genitalium or Mgen).ti,ab.	1170
18	Mycoplasma genitalium/	789
19	HIV Infections/ or HIV/	182745
20	(hiv or human Immunodeficiency Virus*).ti,ab.	255357

21	Sexually Transmitted Diseases/	15888
22	((sexually adj2 transmit* adj2 (disease* or infection*)) or sti or std).ti,ab.	28972
23	(venereal* adj2 (disease* or infection*)).ti,ab.	896
24	Papillomavirus Infections/	26172
25	(papillomavirus adj (human* or infect*)).ti,ab.	3056
26	hpv.ti,ab.	33198
27	or/1-26	378437
28	((test or tests or testing or tested or screen*) adj4 (attend* or reattend* or re-attend* or recall* or remind* or repeat* or retest* or re-test* or alert* or ongoing* or regular* or routine* or interval* or month* or week* or year*)).ti,ab.	132091
29	((test or tests or testing or tested or screen*) adj4 frequen*).ti,ab.	14205
30	((test or tests or testing or tested or screen*) adj4 (participat* or detection)).ti,ab.	28189
31	((test or tests or testing or tested or screen*) adj4 ((service* or setting*) adj4 (provision* or deliver* or remote* or outreach* or online or communit* or voluntary* or non-clinical or non clinical))).ti,ab.	1059
32	((test or tests or testing or tested or screen*) adj4 (pub or pubs or nightclub* or bar* or club* or "social event*" or "social venue*" or sauna* or brothel* or (sex* adj2 (venue* or premise* or club*)) or ((faith or religious) adj2 setting*))).ti,ab.	8131
33	((test or tests or testing or tested or screen*) adj4 (satellite* or remote* or video consult* or telephone consult* or phone consult* or skype* or zoom* or "youre welcome" or "GP at Hand" or "Push Doctor" or "Dr Thom" or kit* or home* or self)).ti,ab.	20504
34	((test or tests or testing or tested or screen*) adj4 (spoke adj4 (clinic* or provision or approach* or model*))).ti,ab.	1
35	((test or tests or testing or tested or screen*) adj4 ("hub and spoke" or "hub-and-spoke")).ti,ab.	5
36	((test or tests or testing or tested or screen*) adj4 (access* or wait* time* or open* hour* or appointment* or book* system*)).ti,ab.	4219
37	((test or tests or testing or tested or screen*) adj4 (pub or pubs or nightclub* or bar* or club* or "social event*" or "social venue*" or sauna* or brothel* or (sex* adj2 (venue* or premise*)) or ((faith or religious) adj2 setting*))).ti,ab.	8131
38	Diagnostic Tests, Routine/ or "Direct-To-Consumer Screening and Testing"/	11023
39	or/28-38	205855
40	(sex work* or prostitut* or transaction* sex or commercial sex or escort* or "commuter housewife" or "commuter housewives" or "gay for pay").ti,ab.	8399

41	(hooker* or call girl* or gigolo* or gigalo* or hustler* or working girl* or streetwalker* or "street walker*").ti,ab.	350
42	((Sell* or paid*) adj4 sex*).ti,ab.	610
43	Sex Workers/ or Sex Work/	6109
44	40 or 41 or 42 or 43	10298
45	((Multiple* or many or numerous or "more than 10" or "more than ten" or "10 or more" or "ten or more" or 10+ or 10 plus) adj3 Sex* adj3 Partner*).ti,ab.	2252
46	Sexual Partners/	16243
47	45 or 46	17704
48	(chemsex* or "chem* sex*" or "chemical sex*" or chemfun or "chem fun" or "party and play" or PNP or slamsex* or "slam* sex*").ti,ab.	3277
49	((GHB or Gamma-hydroxybutyrate or GBL or gamma-butyrolactone or mephedrone or methylmethcathinone or "crystal meth" or methamphetamine or meph or meaw or "miaow miaow" or MCAT or drug use* or drug abuse* or drug misuse* or psychoactive*) adj4 sex*).ti,ab.	3271
50	(Methamphetamine/ or Illicit Drugs/ or Substance-Related Disorders/) and Sexual Behavior/	2715
51	48 or 49 or 50	8583
52	gay*.ti,ab.	8883
53	Homosexuality, Male/	15790
54	"Sexual and Gender Minorities"/	4526
55	Bisexuality/	3707
56	Transgender Persons/ or Transsexualism/ or Transgender/ or Health Services for Transgender Persons/	5792
57	Homosexuality/	3307
58	men who have sex with men.ti,ab.	10081
59	(same sex or non heterosexual* or non-heterosexual*).ti,ab.	5101
60	MSM.ti,ab.	8817
61	(transgend* or transex* or transsex* or transma* or transmen* or trans man or trans men or trans masculine or transfem* or transwom* or trans woman or trans women or transperson* or transpeopl* or trans person* or trans people* or (gender adj (queer* or fluid* or variant*)) or nonbinary or non binary or non-binary or genderless or genderqueer* or agender or bi-gender or bi gender or neutrois or crossgender* or cross-gender* or crossex* or cross-sex*).ti,ab.	12363

62	(bisexual* or homosexual* or lgbt*).ti,ab.	11707
63	or/52-62	44600
64	44 or 47 or 51 or 63	71791
65	27 and 39 and 64	2972
66	afghanistan/ or africa/ or africa, northern/ or africa, central/ or africa, eastern/ or "africa south of the sahara"/ or africa, southern/ or africa, western/ or albania/ or algeria/ or andorra/ or angola/ or "antigua and barbuda"/ or argentina/ or armenia/ or azerbaijan/ or bahamas/ or bahrain/ or bangladesh/ or barbados/ or belize/ or benin/ or bhutan/ or bolivia/ or borneo/ or "bosnia and herzegovina"/ or botswana/ or brazil/ or brunei/ or bulgaria/ or burkina faso/ or burundi/ or cabo verde/ or cambodia/ or cameroon/ or central african republic/ or chad/ or exp china/ or comoros/ or congo/ or cote d'ivoire/ or croatia/ or cuba/ or "democratic republic of the congo"/ or cyprus/ or djibouti/ or dominica/ or dominican republic/ or ecuador/ or egypt/ or el salvador/ or equatorial guinea/ or eritrea/ or eswatini/ or ethiopia/ or fiji/ or gabon/ or gambia/ or "georgia (republic)"/ or ghana/ or grenada/ or guatemala/ or guinea/ or guinea-bissau/ or guyana/ or haiti/ or honduras/ or independent state of samoa/ or exp india/ or indian ocean islands/ or indochina/ or indonesia/ or iran/ or iraq/ or jamaica/ or jordan/ or kazakhstan/ or kenya/ or kosovo/ or kuwait/ or kyrgyzstan/ or laos/ or lebanon/ or liechtenstein/ or lesotho/ or liberia/ or libya/ or madagascar/ or malaysia/ or malawi/ or mali/ or malta/ or mauritania/ or mauritius/ or mekong valley/ or melanesia/ or micronesia/ or monaco/ or mongolia/ or montenegro/ or morocco/ or mozambique/ or myanmar/ or namibia/ or nepal/ or nicaragua/ or niger/ or nigeria/ or oman/ or pakistan/ or palau/ or exp panama/ or papua new guinea/ or paraguay/ or peru/ or philippines/ or qatar/ or "republic of belarus"/ or "republic of north macedonia"/ or romania/ or exp russia/ or rwanada/ or "saint kitts and nevis"/ or saint lucia/ or "saint vincent and the grenadines"/ or "sao tome and principe"/ or saudi arabia/ or serbia/ or sierra leone/ or senegal/ or seychelles/ or singapore/ or somalia/ or south africa/ or south sudan/ or sri lanka/ or sudan/ or suriname/ or syria/ or taiwan/ or tajikistan/ or tanzania/ or thailand/ or timor-leste/ or togo/ or tonga/ or "trinidad and tobago"/ or tunisia/ or turkmenistan/ or uganda/ or ukraine/ or united arab emirates/ or uruguay/ or uzbekistan/ or vanuatu/ or venezuela/ or vietnam/ or west indies/ or yemen/ or zambia/ or zimbabwe/	858570
67	"organisation for economic co-operation and development"/	308
68	australasia/ or exp australia/ or austria/ or baltic states/ or belgium/ or exp canada/ or chile/ or colombia/ or costa rica/ or czech republic/ or exp denmark/ or estonia/ or europe/ or finland/ or exp france/ or exp germany/ or greece/ or hungary/ or iceland/ or ireland/ or israel/ or exp italy/ or exp japan/ or korea/ or latvia/ or lithuania/ or luxembourg/ or mexico/ or netherlands/ or new zealand/ or north america/ or exp norway/ or poland/ or portugal/ or exp "republic of korea"/ or "scandinavian and nordic countries"/ or slovakia/ or slovenia/ or spain/ or sweden/ or switzerland/ or turkey/ or exp united kingdom/ or exp united states/	2240109
69	european union/	14314
70	developed countries/	8838
71	or/67-70	2252699
72	66 not 71	800688
73	65 not 72	2015
74	Animals/ not (Humans/ and Animals/)	2578947
75	73 not 74	2014

76	limit 75 to yr="2009 -Current"	1572
77	limit 76 to english language	1522
78	limit 77 to (letter or historical article or comment or editorial or news or case reports)	45
79	77 not 78	1477