**Supplemental Digital Content Figure 1**

Pubmed search string:

((((((hormonal AND contracepti\*) OR (“hormonal methods”)) OR ((progestin\* OR progestins[MeSH] OR Progesterone[MeSH]) AND contracept\*) OR (oral contracept\*) OR OC OR POP OR ((((depo OR depot) AND medroxyprogesterone) OR depo medroxyprogesterone OR depo OR depot OR dmpa OR “Sayana Press” OR “net en” OR “NET-EN” OR “norethisterone enanthate” OR norethisterone-enanthate OR Medroxyprogesterone 17-Acetate[MeSH]) AND (contracept\* OR inject\*)) OR “Depo Provera” OR “Depo-Provera” OR (((levonorgestrel OR etonogestrel) AND implant) OR (uniplant OR jadelle OR implanon OR nexplanon OR norplant OR norplant2 OR sino-implant)) OR (hormonal, transdermal[MeSH] OR (contracept\* AND patch)) OR (contracept\* AND pill) OR ((levonorgestrel AND (intrauterine devices[MeSH] OR iud OR iucd OR ius OR “intrauterine system” OR “intra-uterine system” OR “intrauterine device” OR “intra-uterine device”)) OR mirena) OR ((combin\* AND inject\* AND contracept\*) OR ((“once a month” OR monthly) AND inject\* AND contracept\*) OR (cyclofem OR lunell OR mesigyna OR “cyclo provera” OR cycloprovera)) OR ((((contraceptive devices[MeSH] OR contraceptive agents[MeSH]) AND ring) OR nuvaring OR “nuva ring”)) OR ((((contraceptive devices[MeSH] OR contraceptive agents[MeSH]) AND patch) OR “ortho evra” OR ortho evra)) AND (“Sexually Transmitted Infection”[MeSH] OR “STI” OR (“sexually transmitted infect\*”) OR “STD” OR “Gonorrhea”[MeSH] OR “ gonorrhoeae” OR “Chlamydia”[MeSH] OR “chlamydia trachomatis” OR “Chancre”[MeSH] OR chancroid OR “haemophilus ducreyi” OR “Trichomonas”[MeSH] OR “Trichomoniasis”[MeSH] OR “trichomonas vaginalis” OR “TV” OR “Treponema pallidum”[MeSH] OR herpes OR herpesvirus OR “herpes simplex” OR “herpes virus” OR HSV OR “Human papillomavirus”[MeSH] OR “HPV” OR “Syphilis”[MeSH] OR “genital warts” OR “condylomata”)) OR (injectable contracepti\* STI) OR (oral contracepti\* STI) OR (CT OR GC OR NG AND “sexually transmitted infection”) OR (CT OR GC OR NG AND STI))) AND (“2009/01/01”[EDAT] : “2017/06/15”[EDAT]))

EMBASE search string

hormonal AND contracepti\* OR ‘hormonal methods’ OR (progestin\* OR ‘progestins’ OR ‘progesterone’ AND contracept\*) OR (‘oral’ AND contracept\*) OR ‘OC’ OR ‘POP’ OR ((depo OR depot) AND ‘medroxyprogesterone’) OR depomedroxyprogesterone OR depo OR depot OR dmpa OR ‘sayana press’ OR ‘net en’ OR ‘net-en’ OR ‘norethisterone enanthate’ OR ((‘medroxyprogesterone’ AND ’17-acetate’) AND (contracept\* OR inject\*)) OR ((‘levonorgestrel’ OR ‘etonogestrel’) AND ‘implant’) OR ‘uniplant’ OR ‘jadelle’ OR ‘implanon’ OR ‘nexplanon’ OR ‘norplant’ OR norplant2 OR ‘sino implant’ OR (hormonal AND transdermal) OR (contracept\* AND patch) OR (‘levonorgestrel’ AND ‘intrauterine’ AND ‘devices’) OR ‘iud’ OR ‘iucd’ OR ius OR ‘intrauterine system’ OR ‘intra-uterine system’ OR ‘intrauterine device’ OR ‘intra-uterine device’ OR ‘mirena’ OR (combin\* AND inject\* AND contracept\*) OR ((‘once a month’ OR monthly) AND inject\* AND contracept\*) OR ‘cyclofem’ OR ‘lunelle’ OR ‘mesigyna’ OR ‘cyclo provera’ OR ‘cycloprovera’ OR ((‘contraceptive’ AND ‘devices’) OR (‘contraceptive’ AND agents) AND ring) OR ‘nuvaring’ OR ‘nuva ring’ OR ((‘contraceptive’ AND ‘devices’) OR (‘contraceptive’ AND agents) AND patch) OR ‘ortho evra’ OR orthoevra AND (‘sexually transmitted infection’ OR STI OR ‘sexually transmitted infections’ OR STD ‘sexually transmitted disease’ OR ‘sexually transmitted diseases’ OR gonorrhea OR ‘neisseria gonorrhoeae’ OR chlamydia OR ‘chlamydia trachomatis’ OR chancre OR chancroid OR ‘haemophilus ducreyi’ OR trichomonas OR trichomoniasis OR ‘trichomonas vaginalis’ OR TV OR ‘treponema pallidum’ OR herpes OR herpesvirus OR ‘herpes simplex’ OR ‘herpes virus’ OR hsv OR ‘human papillomavirus’ OR hpv OR syphilis OR ‘genital warts’ OR condylomata) OR (injectable contracepti\* STI) OR (oral contracepti\* STI) OR (CT OR GC OR NG AND ‘sexually transmitted infection’) OR (CT OR GC OR NG AND STI) AND [humans]/lim AND [1-1-2009]/sd NOT [15-6-2017]/sd AND ([article]/lim OR [article in press]/lim)