

Appendix S1. Search strategy

MEDLINE: Contraceptive agents, female/ or exp contraceptives, oral/ or exp intrauterine devices, medicated/ or ((levonorgestrel/ or ethinyl estradiol-norgestrel combination/ or exp progesterone/ or exp progestins/) and (contracept* or birth control).ti,ab,kf,hw.) or ((progest* or levonorgestrel or ethinylestradiol or estradiol or norgestrel or etonogestrel or oral or pill or tablet or hormon* or steroid or inject* or depo* or medroxyprogesterone or dmpa or net-en or norethisterone enanthate or patch* or ring* or transdermal or implant* or long acting or intravaginal or intra-vaginal or post coital or postcoital) and (contracept* or birth control)).ti,ab,kf,hw. or (norplant or (intrauterine adj2 device*) or (intra-uterine adj2 device*) or (intrauterine adj2 contracept*) or (intra-uterine adj2 contracept*) or (intrauterine adj2 system*) or (intra-uterine adj2 system*) or LNG-IUS or IUD? or IUS or IUCD? or ((intravaginal or intra-vaginal or vaginal) adj2 ring*)).ti,ab,kf,hw.

AND

Exp anti-infective agents/ or (Anti-infective or antiinfective or anti-microbial or antimicrobial or antibiotic* or microbicide* or antiviral* or anti-viral* or anti-fungal* or antifungal* or fungicide* or antimalarial* or anti-malarial* or antiparasitic* or anti-parasitic* or parasiticide* or antibacterial* or anti-bacterial* or bacteriCOCid* or antimyobacterial* or anti-mycobacterial*).ti,ab,kf,hw.

EMBASE: (Contraceptive Agent/ OR exp oral contraceptive agent/ OR exp intrauterine contraceptive device/ OR injectable contraceptive agent/ or postcoitus contraceptive agent/) OR ((Levonorgestrel/ OR Ethinyl Estradiol-Norgestrel Combination/ OR exp Progesterone/ OR exp Progestins/) and (contracept* OR birth control).ti,ab.) OR ((progest* OR Levonorgestrel OR ethinylestradiol OR estradiol OR Norgestrel OR etonogestrel OR oral OR pill OR tablet OR hormon* OR steroid OR inject* OR depo* OR medroxyprogesterone OR dmpa OR net-en OR norethisterone enanthate OR patch* OR transdermal OR implant* OR long acting OR intravaginal OR intra-vaginal OR ring* OR post coital OR postcoital) AND (contracept* OR birth control)).ti,ab. OR (norplant* OR (intrauterine ADJ2 device*) OR (intra-uterine ADJ2 device*) OR (intrauterine ADJ2 contracept*) OR (intrauterine ADJ2 system*) OR (intra-uterine ADJ2 contracept*) OR (intra-uterine ADJ2 system*) OR LNG-IUS OR IUD? OR IUS OR IUCD? OR ((intravaginal OR intra-vaginal OR vaginal) ADJ2 ring*)).ti,ab.

AND

antiinfective agent/ OR exp quinoline derived antiinfective agent/ OR anti-bacterial agents/ OR antifungal agents/ OR antiparasitic agent/ OR antibiotic agent/ OR (Anti-infective OR anti-microbial OR antimicrobial OR antiinfective OR antibiotic* OR microbicide* OR antiviral* OR anti-viral* OR anti-fungal* OR antifungal* OR fungicide* OR antimalarial* OR anti-malarial* OR antiparasitic* OR anti-parasitic* OR antibacterial* OR anti-bacterial* OR bacteriCOCid* OR antimycobacterial* OR anti-mycobacterial* OR antiparasitic* OR anti-parasitic* OR parasiticide*).ti,ab.

Cochrane: ([mh "Contraceptive Agents, Female"] OR [mh "Contraceptives, Oral"] OR [mh "Intrauterine Devices, Medicated"]) OR ((([mh Levonorgestrel] OR [mh "Ethinyl Estradiol-Norgestrel Combination"] OR [mh Progesterone] OR [mh Progestins]) and (contracept* OR birth control):ti,ab) OR ((progest* OR Levonorgestrel OR ethinylestradiol OR estradiol OR Norgestrel OR etonogestrel OR oral OR pill OR tablet OR hormon* OR steroid OR inject* OR depo* OR medroxyprogesterone OR dmpa OR net-en OR norethisterone enanthate OR patch* OR transdermal OR implant* OR long acting OR intravaginal OR intra-vaginal OR ring OR post coital

OR postcoital) AND (contracept* OR birth control)):ti,ab OR ((intrauterine NEAR/2 device*) OR (intra-uterine NEAR/2 device*) OR (intrauterine NEAR/2 contracept*) OR (intrauterine NEAR/2 system*) OR (intra-uterine NEAR/2 contracept*) OR (intra-uterine NEAR/2 system*) OR LNG-IUS OR IUD? OR IUS OR IUCD? OR ((extrauterine OR extra uterine) NEAR/2 coil*) OR ((intravaginal OR intra-vaginal OR vaginal) NEAR/2 ring*)):ti,ab

AND

[mh "anti-infective agents"] OR [mh "anti-bacterial agents"] OR [mh "antifungal agents"] OR [mh "antiparasitic agent"] OR [mh "anti-infective agents, ICOCa"] OR [mh "antiviral agents"] OR (Anti-infective OR anti-microbial OR antimicrobial OR antiinfective OR antibiotic* OR microbicide* OR antiviral* OR anti-viral* OR anti-fungal* OR antifungal* OR fungicide* OR antimalarial* OR anti-malarial* OR antiparasitic* OR anti-parasitic* OR antibacterial* OR anti-bacterial* OR bacteriOCid* OR antimycobacterial* OR anti-mycobacterial* OR antiparasitic* OR anti-parasitic* OR parasiticide*):ti,ab

Clinicaltrials.gov: "antimicrobial and contraception" "antibiotic and contraception" "rifampin and contraception" "rifampicin and contraception" "rifabutin and contraception" "rifapentene and contraception" "rifalazil and contraception" "rifaximin and contraception"