**Supplemental Table 4: Search terms for each systematic review.**

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| **Outcome** | **Search terms1** |
| *Chlamydia trachomatis* infection | (*Lactobacillus iners* OR *L. iners*) AND (*Chlamydia trachomatis* OR chlamydia OR *C. trachomatis*)AND(female OR woman OR women OR vagina) |
| Bacterial vaginosis | (*Lactobacillus iners* OR *L. iners*) AND (bacterial vaginosis OR BV)AND(female OR woman OR women OR vagina) |
| HPV infection | (*L. iners* OR *Lactobacillus iners*) AND (human papillomavirus OR HPV)AND(female OR woman OR women OR vagina) |
| Cervical neoplasia | (*Lactobacillus iners* OR *L. iners*) AND (cervical cancer OR cervical neoplasia OR cervical precancer OR cervical intraepithelial neoplasia OR squamous intraepithelial lesion OR atypical squamous cell OR ASCUS OR atypical glandular cell)AND(female OR woman OR women OR vagina) |
| HIV infection | (*Lactobacillus iners* OR *L. iners*) AND (human immunodeficiency virus OR HIV)AND(female OR woman OR women OR vagina) |
| Genital HSV-2 infection | (*Lactobacillus iners* OR *L. iners*) AND (herpes simplex virus type 2 OR herpes simplex virus 2 OR HSV-2 OR HSV 2 OR HSV type 2 OR genital herpes)AND(female OR woman OR women OR vagina) |
| *Trichomonas vaginalis* infection | (*Lactobacillus iners* OR *L. iners*) AND (*Trichomonas vaginalis* OR *T. vaginalis*)AND(female OR woman OR women OR vagina) |
| *Neisseria gonorrhoeae* infection | (*Lactobacillus iners* OR *L. iners*) AND (*Neisseria gonorrhoeae* OR *N. gonorrhoeae* OR gonorrhoea or gonorrhea)AND(female OR woman OR women OR vagina) |

1All searches were full-text searches (not restricted to title/abstract or any other portion of the manuscript).

BV, bacterial vaginosis; HPV, human papillomavirus; ASCUS, atypical squamous cells of undetermined significance; HIV, human immunodeficiency virus; HSV-2, herpes simplex virus type-2.