

Prevalence of *Mycoplasma genitalium* infection among HIV PrEP users: a systematic review and meta-analysis

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ABSTRACT

Objectives To summarise the prevalence of *Mycoplasma genitalium* (MG) and antibiotic-resistant MG infection among HIV pre-exposure prophylaxis (PrEP) users.

Methods We searched MEDLINE, Embase, Web of Science and Global Index Medicus up to 30 September 2022. We included studies reporting the prevalence of MG and/or antibiotic-resistant MG infection among PrEP users. Two reviewers independently searched for studies and extracted data. A systematic review with random-effects meta-analysis was performed to quantitatively summarise the results of included studies. The critical appraisal of included studies was conducted with the Joanna Briggs Institute checklist for prevalence studies and the quality of evidence was assessed with Grading of Recommendations Assessment, Development and Evaluation (GRADE).

Results A total of 15 studies were included in the systematic review, with 2341 individuals taking PrEP. Studies were conducted in high-income level countries between 2014 and 2019. Median age of participants varied from 23.5 to 40 years. The majority were men (85%) and among them, 93% were men who have sex with men. To identify MG, urine samples were analysed in 14 studies, rectal or anal swabs in 12 studies, oral or pharyngeal swabs in 9 studies, and urethral or vaginal in 3 studies. The pooled point prevalence of MG among PrEP users was 16.7% (95% CI 13.6% to 20.3%; 95% prediction interval (95% PI) 8.2% to 31.1%). The pooled point prevalence of macrolide-resistant infections was 82.6% (95% CI 70.1% to 90.6%; 95% PI 4.7% to 99.8%) and the prevalence of fluoroquinolone-resistant infections was 14.3% (95% CI 1.8% to 42.8%). Individuals taking PrEP have a higher chance of being infected with MG compared with those not taking PrEP (OR 2.30; 95% CI 1.6 to 3.4). The quality of evidence was very low to moderate.

Conclusion We observed a high prevalence of MG and its macrolide resistance among PrEP users, highlighting the need to reinforce prevention strategies against sexually transmitted infections in this population.

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INTRODUCTION

HIV pre-exposure prophylaxis (PrEP) is defined as the use of antiretroviral drugs by HIV-negative individuals at high risk in order to prevent an HIV infection.¹ Some studies show that PrEP is considered a safe prophylaxis and offers up to 99% protection

WHAT IS ALREADY KNOWN ON THIS TOPIC

- ⇒ *Mycoplasma genitalium* (MG) infections are often asymptomatic—a factor that may increase the transmission of the disease. Nevertheless, complications such as epididymitis, prostatitis, infertility and stillbirth are possible outcomes.
- ⇒ MG is intrinsically resistant to various classes of antibiotics due to the lack of cell wall. Usually, macrolides, quinolones and tetracyclines are the antibiotics of choice. However, it has been observed that the resistance of MG against macrolides and quinolones is rapidly growing.

WHAT THIS STUDY ADDS

- ⇒ In our meta-analysis, we identified a pooled prevalence of MG infection of more than 16%; that is, one out of six individuals on HIV pre-exposure prophylaxis (PrEP) was infected with MG. Among the infected, 82.6% had a macrolide-resistant infection, and 14.3% had a fluoroquinolone-resistant infection.

HOW THIS STUDY MIGHT AFFECT RESEARCH, PRACTICE OR POLICY

- ⇒ These findings reinforce the importance of raising awareness among individuals taking PrEP that protection against other sexually transmitted diseases should not be neglected.

against HIV when used appropriately.¹ Moreover, in places with high uptake of PrEP, population-level effects are being recorded, and the results are promising. Studies have shown reductions from 25% to as high as 58% in the rates of HIV diagnosis over a period of 4–5 years.²

However, it has been shown that PrEP users have an increased prevalence of sexually transmitted infections (STIs). A systematic review identified a pooled incidence of chlamydia, gonorrhoea or syphilis of 72.2 cases per 100 person-years among PrEP users.³ Likewise, a study evaluating approximately 3000 individuals initiating PrEP use in Australia observed an increase in the incidence of chlamydia, gonorrhoea or syphilis from 69.5 cases per 100 person-years before the start of PrEP to 98.4 cases per 100 person-years during PrEP use.⁴ One possible explanation is that after starting PrEP, some individuals may frequently engage in risky sexual behaviours, such as having intercourse with



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a greater number of partners and neglecting to use condoms.^{5–8} Another factor that may be directly related to the increase of STI prevalence among PrEP users is the high frequency of STI screening to which this population is exposed.^{5,9}

One of the STIs that can affect this population is caused by *Mycoplasma genitalium* (MG). MG infection has been known as an STI since the bacterium was first isolated in the early 1980s.¹⁰ The pathogen is a slow-growing bacterium without a cell wall¹¹ that mainly infects the epithelial cells of the genitourinary system and can be transmitted through unprotected sexual intercourse.^{11–13} MG infection can cause non-gonococcal urethritis, pelvic inflammatory disease, cervicitis and even leads to infertility.^{12,14} Furthermore, the infection is often asymptomatic, which makes diagnosis difficult and contributes to the transmission of the pathogen to other individuals.¹⁴ In the general population, the estimated prevalence of MG infection ranges from 1.3% to 3.9%.¹⁵ Moreover, recent studies have shown that MG is becoming increasingly resistant to macrolides, one of the main classes of antibiotics prescribed; therefore, single-dose azithromycin 1g therapy is no longer recommended.^{16–18} A recently published systematic review reported that the prevalence of mutations associated with macrolide resistance has increased from 10.0% before 2010 to 51.4% between 2016 and 2017.¹⁹

The increase in cases of antimicrobial-resistant MG, especially in populations with higher exposure to the pathogen, is a public health problem that deserves attention. For this reason, the present systematic review aimed to summarise the prevalence of MG infection and antibiotic-resistant infections among HIV PrEP users.

METHODS

Study design and protocol

We conducted a systematic review with meta-analysis according to the Joanna Briggs Institute (JBI) Reviewer's Manual for Systematic Reviews of Prevalence and Incidence Data²⁰ and the recommendations from the Prevalence Estimates Reviews—Systematic Review Methodology Group.²¹ The protocol of this review was registered at PROSPERO on 15 April 2022 (CRD42022310597). This systematic review is reported according to the Preferred Reporting Items for Systematic Reviews and Meta-Analyses Protocol (online supplemental material 1).²²

Search strategy

We searched MEDLINE (via PubMed), Embase, Web of Science and Global Index Medicus databases from inception up to 30 September 2022. The main search terms were: *Mycoplasma genitalium*, HIV pre-exposure prophylaxis, prevalence and drug resistance. Synonyms were combined with the Boolean operator 'OR'. No restrictions were applied in the search strategies. The complete search strategy for all databases is presented in the online supplemental material 2. In addition, we screened the reference lists of included studies to identify studies that were not retrieved by the database search.

Study selection and eligibility criteria

We used the EndNote V.20 software to organise references and identify duplicates. After removing duplicates, two independent reviewers (PRS and CBM) identified eligible studies using a two-step approach. First, all titles and abstracts identified in the search were screened. Then, the full texts of potentially eligible studies were retrieved and reviewed. Disagreements between the two reviewers were solved through a consensus or by the third reviewer (MA).

We included studies conducted in any context in which the population (total or partial) was taking PrEP at the time of sample collection for the diagnosis of MG infection. We also included studies that assessed the odds of MG infection in individuals taking PrEP compared with non-PrEP users. There were no restrictions related to participants' characteristics. We excluded studies that presented results by samples (rather than by individuals). Regarding the method used to identify the pathogen, we included studies that used PCR, and there were no restrictions regarding the method used to identify the resistance profile of the bacterium. There was also no restriction about the site of infection or whether the sample was collected by a health professional or self-collected. There were no restrictions concerning the language, date or format (conference abstract or journal article) of the publication of the studies. If more than one article reported data for the same population, we included the most recent one or both, if the data presented were complementary. We excluded reviews, case-control studies and case reports.

Data extraction

Two independent reviewers (PRS and CBM) performed data extraction using an MS Excel spreadsheet developed for this systematic review prior to the study, and disagreements were solved through a consensus or by the third reviewer (MA). The following data were extracted from each included study: study identification (authors, year of publication, full title, DOI), the country in which the study was conducted, study period, population size, characteristics of included participants (age, gender, sexual orientation), methods used to diagnose the pathogen and antimicrobial resistance profile, and outcomes of interest. Prevalence was defined as the proportion of individuals with MG infection or antibiotic-resistant MG infection. We evaluated the point prevalence (number of current cases at a specified time point) and the period prevalence (number of current cases over a specified period/interval). Since these are different epidemiological frequency measurements, we did not combine them and reported them separately.

Critical appraisal of included studies and assessment of quality of evidence

The quality of the included studies was assessed using the JBI Critical Appraisal Checklist for Prevalence Studies,²⁰ which can be considered the most appropriate tool for assessing prevalence estimates.²³ It should be noted, however, that this tool assesses not only the risk of bias but also issues related to reporting and general methods of the studies.

The quality of evidence for point-prevalence estimates was assessed using the Grading of Recommendations Assessment, Development and Evaluation (GRADE).²⁴ Considering that there is no established guidance for the quality assessment of prevalence estimates, we applied the framework developed for incidence estimates in the context of prognostic studies, as previously conducted in other published systematic reviews.²⁵

Critical appraisal of included studies and assessment of the quality of evidence were conducted by two independent reviewers, with discrepancies solved by a consensus.

Data analysis

Depending on the data availability and heterogeneity of included studies, we conducted random-effects meta-analyses using the inverse variance method and restricted maximum likelihood as the between-study variance estimator to summarise the prevalence estimates or OR of the included studies.

For prevalence estimates, logit was used for the transformation of prevalence data. Considering that there is no consensus in the literature about the most appropriate method for the transformation of proportions,²⁶ sensitivity analysis using Freeman-Tukey double arcsine transformation was conducted to assess the impact of different data transformation methods in this analysis.²⁶⁻²⁷ Results are presented as the summary prevalence estimate and corresponding 95% CI. Moreover, 95% prediction interval (95% PI) was estimated to explore heterogeneity.²⁸

In addition, we conducted a random-effect meta-analysis to compare the odds of infection in individuals taking PrEP versus individuals not taking PrEP. We included only adjusted ORs in this analysis considering that raw ORs would be highly susceptible to bias due to confounding. Results are presented as OR with 95% CI. Heterogeneity was assessed using I^2 .²⁹

We did not access publication bias for prevalence meta-analysis because the existing methods (such as funnel plot, Egger's test and Begg's test) are inappropriate for meta-analysis of proportions.²⁷ In the analysis comparing the odds of infection in different populations, publication bias was not evaluated due to the small number of included studies. To avoid publication

bias, we developed a search strategy with enhanced sensitivity and complemented the search by reviewing reference lists of included studies.

All analyses were conducted using R (V.4.1.0) and the package meta (V.5.2-0).³⁰⁻³¹

RESULTS

Study selection

The results of study selection are summarised in [figure 1](#). The database search yielded 1964 unique references. A total of 15 studies, reported in 17 publications, fulfilled the inclusion criteria and were included.³²⁻⁴⁸ The list of studies excluded after the full-text evaluation is presented in online supplemental material 3.

Main characteristics of included studies

The main characteristics of included studies and their participants are presented in [tables 1 and 2](#), respectively. Studies were conducted from late 2014 to early 2019 in France (five studies, 33%), Australia (five studies, 33%), Belgium (two studies, 13%), Germany (two studies, 13%) and the USA (one study, 7%). For

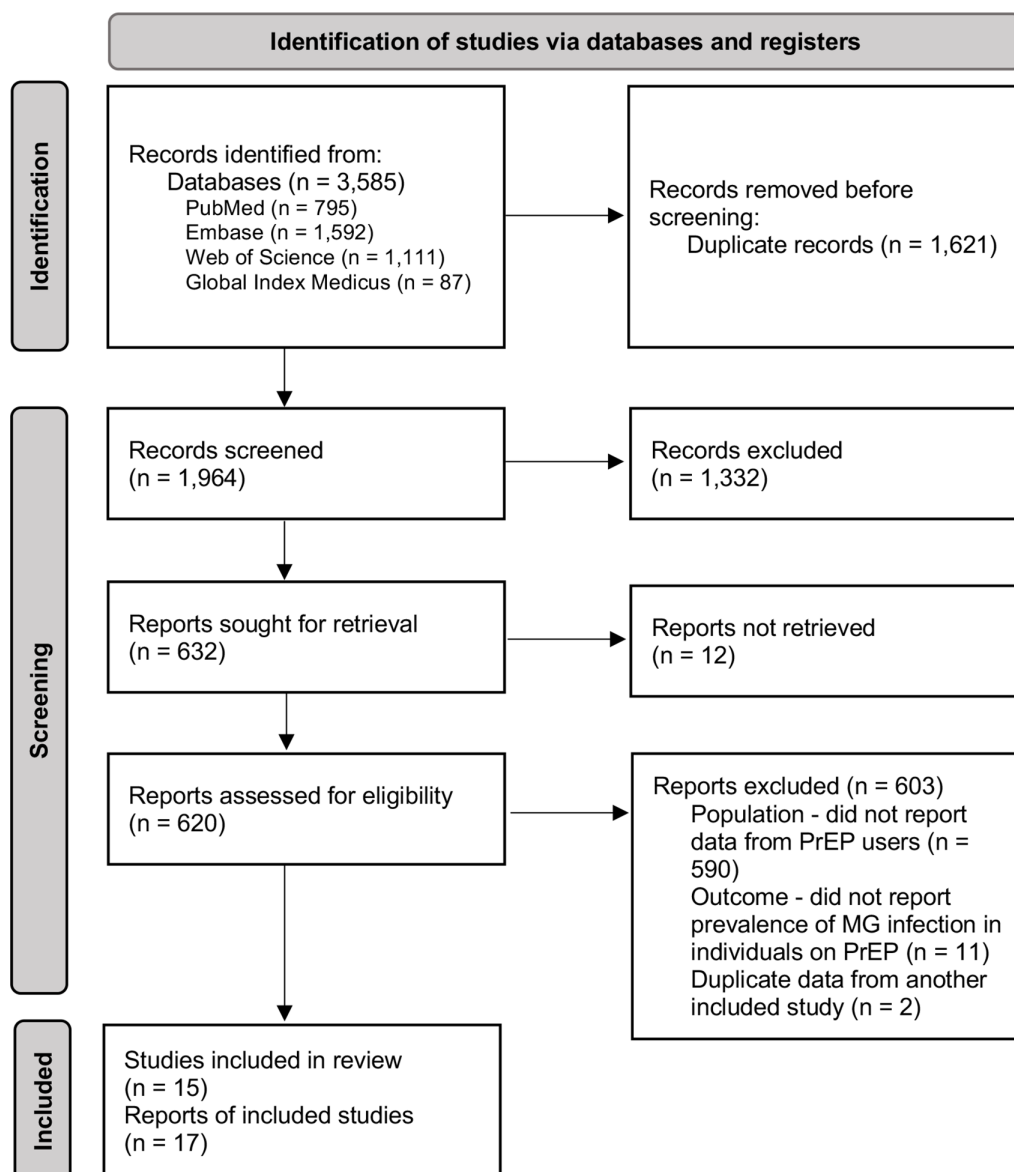


Figure 1 Flow chart of study selection. MG, *Mycoplasma genitalium*; PrEP, pre-exposure prophylaxis.

Table 1 Main characteristics of included studies

Author and year of publication	Country	Study period	Type of samples	Diagnostic methods
Berçot <i>et al</i> , 2021 ³²	France	July 2015–June 2016	Urine samples, oral and anal swabs	<i>Mycoplasma genitalium</i> Real-TM kit (PCR) Cobas TV/MG (PCR) ResistancePlus MG (SpeedX) (PCR)
Bradley <i>et al</i> , 2020 ³³	Australia	March 2017–May 2017	Rectal swabs	Bio-Rad CFX96 C1000 (PCR) ResistancePlus MG (SpeedX) (PCR)
Brin <i>et al</i> , 2022 ³⁴	France	January 2017–December 2018	Urine samples, vaginal and anal swabs	Multiplex PCR-Hologic Aptima (PCR)
Chambers <i>et al</i> , 2019 ³⁵	USA	December 2014–July 2018	Urine samples and urethral swabs	ResistancePlus MG (SpeedX) (PCR)
Couldwell <i>et al</i> , 2018 ^{36*}	Australia	February 2017–May 2017	Urine samples, oral and anal swabs	ResistancePlus MG (SpeedX) (PCR)
De Baetselier <i>et al</i> , 2022 ³⁷	Belgium	2015–2018	Urine samples, anorectal and pharyngeal swabs	Accredited in-house real-time PCR
Deborde <i>et al</i> , 2019 and Ducours <i>et al</i> , 2019 ^{38,39}	France	January 2016–February 2017 January 2016–December 2017	Urine samples, anorectal and pharyngeal swabs	Multiplex PCR-Hologic Aptima (PCR)
Guiraud <i>et al</i> , 2021 ⁴⁰	France	June 2017–February 2018	Urine samples, rectal and pharyngeal swabs	S-DiaMGTV kit (PCR)
Hermes <i>et al</i> , 2021 ⁴¹	France	January 2017–December 2018	Urine samples, genital, anal and oral swabs	Cobas TV/MG (PCR)
Jansen <i>et al</i> , 2020 ⁴²	Germany	February 2018–August 2018	Urine samples, rectal and pharyngeal swabs	Multiplex PCR-Hologic Aptima (PCR)
Mclver <i>et al</i> , 2019 ⁴³	Australia	April 2017–May 2018	Urine samples	ResistancePlus MG (SpeedX) (PCR)
Read <i>et al</i> , 2019 and Chua <i>et al</i> , 2021 ^{44,45}	Australia	August 2016–September 2017	Urine samples and rectal swabs	ResistancePlus MG (SpeedX) (PCR)
Richardson <i>et al</i> , 2021 ^{46*}	Australia	January 2017–December 2018	Urine samples	In-house PCR assay and ResistancePlus MG (SpeedX) (PCR)
Streeck <i>et al</i> , 2022 ⁴⁷	Germany	June 2018–July 2019	Urine samples, anal and pharyngeal swabs	<i>M. genitalium</i> assay-Hologic Aptima (PCR)
Van Praet <i>et al</i> , 2019 ⁴⁸	Belgium	June 2017–March 2019	Urine samples, rectal and pharyngeal swabs	TaqMan Array Card (PCR)

*There is an overlap of participants between the studies of Couldwell *et al* and Richardson *et al*.

MG diagnosis, urine samples were tested in 14 studies (93%), rectal or anal swabs in 12 studies (80%), oral or pharyngeal swabs in 9 studies (60%), and genital (urethral or vaginal) in 3 studies (20%). In all studies, MG infection was detected by PCR methods. The total number of included participants was 12 869; among them, 2341 were taking PrEP. The median age of participants included in the studies ranged from 23.5 to 40 years, and the majority were men (10 900, 85%). Regarding sexual orientation, data were available from 7215 individuals; among them, 6729 (93%) declared themselves as men who have sex with men (MSM). It is important to note that for some studies, these participant characteristics consider the entire study sample and not only the characteristics of PrEP users, since data for this subgroup of included individuals were not available.

Risk of bias and quality of evidence

The complete assessment of risk of bias for the included studies is presented in online supplemental material 4. Overall, most studies had methodological limitations (such as inappropriate sampling frame, inappropriate sample, low response rate or insufficient sample coverage) that may lead to biases due to differences between the target population and the study sample. On the other hand, most studies used standard and valid methods to identify the outcome of interest—MG infection or antibiotic-resistant MG infection. Therefore, we did not detect any substantial risk bias due to issues in measuring the condition of interest.

The quality of evidence for primary outcomes (point-prevalence estimates) is presented below, and the full assessment can be found in online supplemental material 5. For all

outcomes, the quality of evidence was downgraded due to the high risk of bias, as most of the included studies had methodological issues that may lead to bias arising from differences between the sample evaluated and the target population. Also, imprecision was identified in the analyses regarding antibiotic-resistant infections. There was no evidence of inconsistency, indirectness or publication bias in our analyses.

Prevalence of MG infection

A total of 12 studies involving 2135 individuals were included in the meta-analysis of the point prevalence of MG in PrEP users.^{32–38 41–44 47} The pooled point prevalence of MG infection among the PrEP users was estimated at 16.7% (95% CI 13.6% to 20.3%), as presented in figure 2. The 95% PI for this analysis was 8.2% to 31.1%, indicating that we expect that the prevalence of MG infection in PrEP users to vary within this interval in different settings that can be evaluated in future studies. The quality of evidence was moderate due to serious risk of bias (online supplemental material 5). Sensitivity analysis using Freeman-Tukey double arcsine transformation yielded similar results (online supplemental material 6).

Results from the study of Richardson *et al*⁴⁶ were not included in our meta-analysis to avoid double-counting of individuals, due to the overlap of participants in the studies reported by Richardson *et al* and Couldwell *et al*.^{36 46} According to Richardson *et al*,⁴⁶ the point prevalence of MG infection in MSM PrEP users with concomitant symptomatic gonococcal urethritis was 9.7% (95% CI 2.0% to 25.8%).

We also evaluated the prevalence of MG according to the site of infection (online supplemental material 7). Anorectal and

Table 2 Main characteristics of participants from included studies

Author and year of publication	Population	N (on PrEP/not on PrEP)	Gender and sexual orientation*	Age median (IQR)*
Berçot <i>et al</i> , 2021 ³²	Asymptomatic MSM from the ANRS IPERGAY trial (which evaluated on-demand PrEP) that were enrolled in an RCT of PEP with doxycycline	210 (210/0)	Men: 210 (MSM: 210)	38 (32–46)
Bradley <i>et al</i> , 2020 ^{33*}	Asymptomatic MSM who were having a rectal swab for NG, CT and MG collected as part of their routine care (screening)	742 (170/572)	Men: 739 (MSM: 739) Transgender: 3	31 (27–39)
Brin <i>et al</i> , 2022 ^{34*}	Patients visiting the hospital for routine STI screening, possible STI symptoms or follow-up for PrEP or HIV infection	5586 (207/5379)	Men: 3649 (MSM: NR) Women: 1884 Transgender: 8	Women: 23 (21–28) Men: 29 (23–39)
Chambers <i>et al</i> , 2019 ^{35*}	Symptomatic MSM >16 years with NGU from an STI clinic	103 (18/85)	Men: 103 (MSM: 103)	30 (27–39)
Couldwell <i>et al</i> , 2018 ^{36*†}	Symptomatic and asymptomatic MSM attending a sexual health centre for STI testing	508 (169/339)	Men: 508 (MSM: 508)	33 (NR)
De Baetselier <i>et al</i> , 2022 ³⁷	Symptomatic and asymptomatic MSM from the Be-PrEP-ared cohort study, in which STIs were tested every 3 months	179 (179/0)	Men: 179 (MSM: 179)	NR
Deborde <i>et al</i> , 2019 and Ducours <i>et al</i> , 2019 ^{38 39}	Patients on PrEP	148 (148/0)	Men: 145 (MSM: 145) Woman: 1 Transgender: 2	35 (NR)
Guiraud <i>et al</i> , 2021 ^{40*}	Men from an STI clinic	78 (16/62)	Men: 78 (MSM: 60)	34 (20–58)
Hermes <i>et al</i> , 2021 ^{41*}	Symptomatic and asymptomatic patients undergoing STI testing	249 (13/236)	Men: 224 (MSM: 85) Women: 22	Mean 34 (range 15–76)
Jansen <i>et al</i> , 2020 ^{42*}	Symptomatic and asymptomatic ≥18 years MSM	2303 (283/2020)	Men: 2303 (MSM: 2303)	39 (range 18–79)
Mclver <i>et al</i> , 2019 ^{43*}	Men >16 years presenting symptoms of acute NGU	588 (102/486)	Men: 588 (MSM: 306)	30 (26–37)
Read <i>et al</i> , 2019* and Chua <i>et al</i> , 2021 ^{44 45*}	Asymptomatic MSM from the MnM Study that reported receptive anal sex in the preceding year	1001 (142/859) 94 (14/80)	Men: 1001 (MSM: 1001) Men: 94 (MSM: 94)	29 (24–34) 27 (23–32)
Richardson <i>et al</i> , 2021 ^{46*†}	MSM with symptomatic gonococcal urethritis	184 (31/153)	Men: 184 (MSM: 109)	31 (24–38)
Streeck <i>et al</i> , 2022 ^{47*}	MSM at the screening visit for the BRAHMS Study	1043 (553/490)	Men: 1042 (MSM: 959)	33 (28–39)
Van Praet <i>et al</i> , 2019 ⁴⁸	MSM on PrEP screened for STIs	131 (131/0)	Men: 131 (MSM: 131)	40 (20–79)

*For studies that also included not only individuals on PrEP.
†There is an overlap of participants between the studies of Couldwell *et al* and Richardson *et al*.
CT, *Chlamydia trachomatis*; MG, *Mycoplasma genitalium*; MSM, men who have sex with men; N, number of participants; NG, *Neisseria gonorrhoeae*; NGU, non-gonococcal urethritis; NR, not reported; PEP, post-exposure prophylaxis; PrEP, pre-exposure prophylaxis; RCT, randomised clinical trial; STI, sexually transmitted infection.

genital infections were the most prevalent, with a point prevalence of 9.6% (95% CI 4.9% to 18.0%) and 8.2% (95% CI 5.1% to 13.0%), respectively. The prevalence of oropharyngeal infection was 1.2% (95% CI 0.2% to 5.3%).

Four studies presented estimates for period prevalence for different time frames—6, 12, 18 and 24 months.^{32 37 39 48} The period prevalence varied from 15.2% (95% CI 10.7% to 20.8%) in 6 months to 18.9% (95% CI 13.0% to 26.2%) in 24 months, with the highest estimate in 18 months (39.1%; 95% CI 31.9% to 46.7%).

Two studies, with a total of 1250 individuals, reported adjusted estimates comparing the odds of being infected with MG among PrEP users versus non-users.^{33 36} The variables used for adjustment were history of STIs, age and HIV infection in the study reported by Bradley *et al*,³³ and condom use, number of male partners in the last 3 months, age, other urethral or anal infection, and HIV infection in the study reported by Couldwell *et al*.³⁶ As shown in figure 3, individuals taking PrEP have an odds 2.3 times higher of being infected with MG (95% CI 1.6 to 3.4; $p < 0.0001$) compared with non-PrEP users.

Prevalence of macrolide-resistant MG infection

Three studies, with 63 participants, reported the point-prevalence estimate for macrolide-resistant MG infection in PrEP users.^{36 43 44} As shown in figure 4, the summary prevalence estimate was 82.6% (95% CI 70.1% to 90.6%). The 95% PI was 4.7% to 99.8%, indicating that we expect a high heterogeneity in the prevalence of macrolide-resistant MG infections between different settings. The quality of evidence was low due to serious risk of bias and serious imprecision (online supplemental material 5). Sensitivity analysis using Freeman-Tukey double arcsine transformation yielded similar results (online supplemental material 6).

The period prevalence of macrolide-resistant MG infection in PrEP users was reported in three studies with three different time intervals. One study reported a 6-month prevalence of 69.6% (95% CI 47.1% to 86.8%)³²; another study reported a 9-month prevalence of 75.0% (95% CI 47.6% to 92.7%)⁴⁰; and the third study reported a 24-month prevalence of 75.0% (95% CI 55.1% to 89.3%),³⁹ as can be seen in figure 4A.

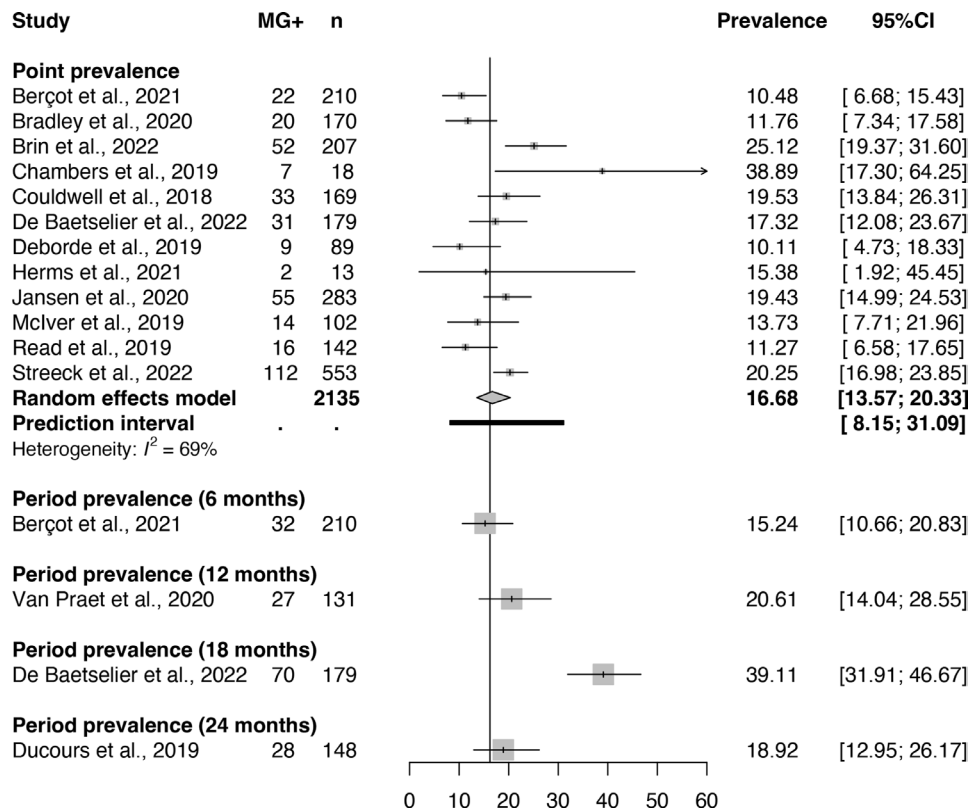


Figure 2 Prevalence of MG infection among PrEP users. MG, *Mycoplasma genitalium*; PrEP, pre-exposure prophylaxis.

Prevalence of fluoroquinolone-resistant MG infection

One study with 14 participants evaluated the point prevalence of fluoroquinolone-resistant MG infection (figure 4B).⁴⁵ The estimated prevalence was 14.3% (95% CI 1.8% to 42.8%). The quality of evidence was as very low due to serious risk of bias and very serious imprecision (online supplemental material 5).

The period prevalence of fluoroquinolone-resistant MG infection was reported in two studies: 11.1% (95% CI 2.4% to 29.2%) in 6 months³² and 37.5% (95% CI 15.2% to 64.6%) in 9 months.⁴⁰ These results are shown in figure 4B.

Regarding the mechanism of resistance against fluoroquinolones, the studies by Chua *et al*⁴⁵ and Guiraud *et al*⁴⁰ reported mutations in the *parC* gene of the samples, specifically changes in the amino acid S83I, while the study by Berçot *et al*³² reported mutations in the amino acid position S83I and D87Y. These mutations are associated with resistance against fluoroquinolones.^{49 50}

Prevalence of tetracycline-resistant MG infection

Berçot *et al*³² reported a 6-month prevalence of mutation in the 16S rRNA in 2 out of 14 individuals (14.3%; 95% CI 1.8% to 42.8%). Although some studies associate this mutation with

resistance against tetracyclines in some bacteria,^{51 52} it is still not entirely clear whether this mechanism is, in fact, responsible for promoting resistance against tetracyclines in MG.⁵³

DISCUSSION

In our study, the pooled prevalence of MG infection in PrEP users was 16.7%, an estimate higher than what has been observed in other populations.

For example, a meta-analysis published in 2018 sought to identify the prevalence of MG infection in different populations and settings. In this study, the authors reported a prevalence in the general population of 1.3% in countries with higher levels of development and 3.9% in countries with lower levels of development. In populations at higher risk of STIs, the prevalence was 3.2% among MSM and 15.9% among sex workers.¹⁵

We further observed that 82.6% of MG infections were macrolide resistant. Only one study with 14 patients reported that the point prevalence of fluoroquinolone-resistant MG infections among PrEP users, which was 14.9%.⁴⁵ By contrast, a recent systematic review that included studies evaluating mainly symptomatic or high-risk patients identified a proportion of

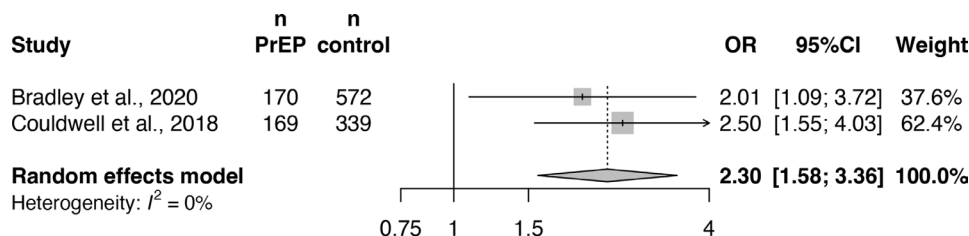


Figure 3 Odds of MG infection among PrEP users in comparison with individuals not on PrEP. MG, *Mycoplasma genitalium*; PrEP, pre-exposure prophylaxis.

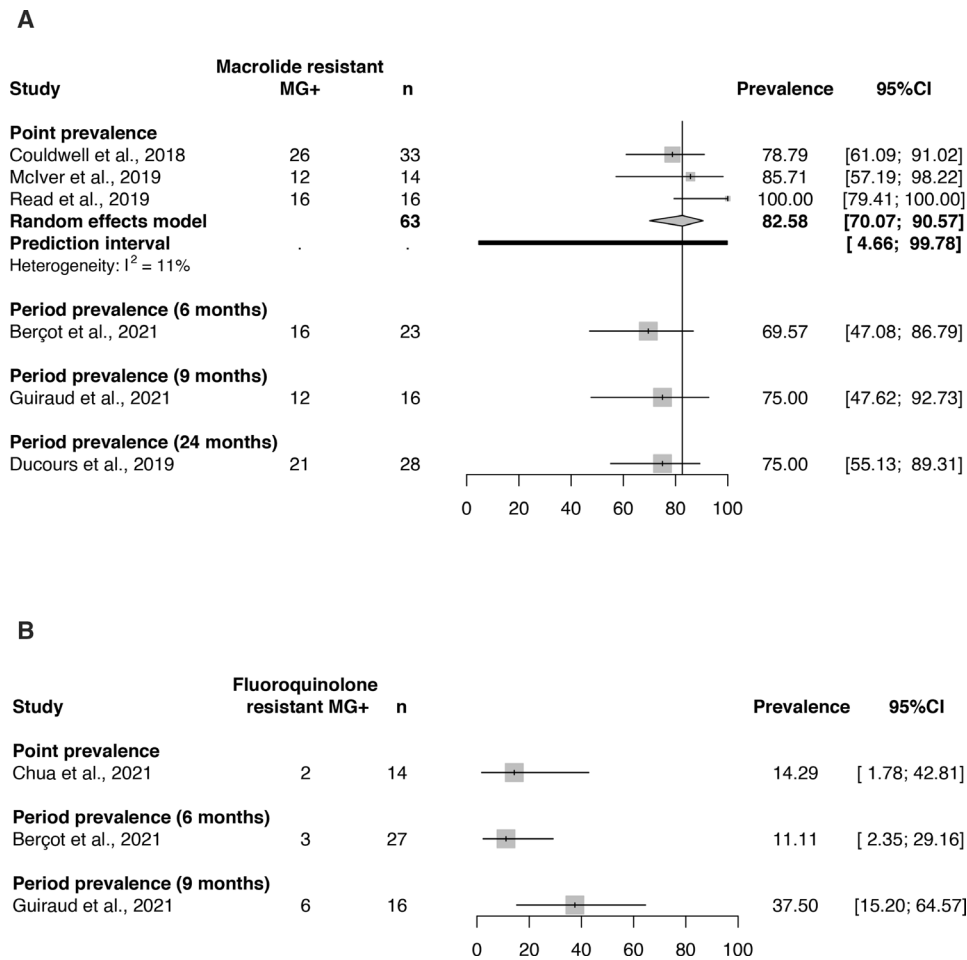


Figure 4 Prevalence of (A) macrolide and (B) fluoroquinolone-resistant MG infection among PrEP users. MG, *Mycoplasma genitalium*; PrEP, pre-exposure prophylaxis.

35.5% and 7.7% of macrolide and fluoroquinolone-resistant MG infections, respectively.¹⁹

To our knowledge, our study is the most comprehensive and up-to-date systematic review evaluating the prevalence of MG and antibiotic-resistant MG infection in individuals taking PrEP. Most of the previous studies have assessed either the prevalence of other STIs in PrEP users or the prevalence of MG and MG-resistant infection in different populations.^{3 8 19} A previous systematic review conducted in 2018 aimed at estimating the prevalence of STIs in PrEP users.³ The authors identified only one study, which reported a prevalence of 17.2% (95% CI 12.2% to 23.2%) of MG in this population, a similar finding to ours. We identified 14 new studies in a relatively short period of 4 years, highlighting MG's growing relevance, particularly in high-risk populations such as PrEP users.

In line with our findings, an increased incidence of STIs was observed during follow-up in studies comparing patients before and after PrEP initiation.^{5 8} The high prevalence of MG infection and its antibiotic resistance among PrEP users can be explained by changes in sexual behaviour after PrEP initiation—which includes reduced condom use and an increased number of sexual partners.^{8 54}

The high proportion of MG infection and its antibiotic resistance among PrEP users might also be related to the high frequency of routine STI screening and, therefore, frequent diagnosis and use of antimicrobials.^{5 9} For this reason, some guidelines recommend that screening and treatment for MG should be

performed only for symptomatic patients or those with specific indications.^{55 56} Screening for MG in asymptomatic patients may induce unnecessary prescription of antimicrobials, contributing to the increase in bacterial resistance.^{55–57} It is also highly recommended evaluating the macrolide resistance of positive MG samples, whenever possible, to avoid prescribing inappropriate antibiotics.⁵⁵ Therefore, healthcare policies must focus not only on diagnosing and treating infections but also on preventing transmission.

It is essential to point out that results indicating a higher prevalence of STIs in individuals taking PrEP should not discourage the prescription or the use of this important and effective intervention. Rather, they should highlight the need of more effective STI prevention strategies in this high-risk population. To answer the question about how this could be achieved requires further investigations.

Our study has potential strengths and limitations. Among the strengths of our study, we conducted a broad search by applying a search strategy not only in large and traditional databases but also in local databases, a practice that is important for systematic reviews of prevalence. Additionally, we followed a robust methodology for study selection, data extraction and data analysis, based on the best methodological recommendations available in the literature and predetermined in a registered protocol.

Regarding limitations, most of the studies identified were conducted in Occidental Europe and Australia, and all of them were conducted in high-income countries. Therefore, our results

may have limited generalisability for low-income and middle-income regions. It is important to emphasise that the three studies that reported the prevalence of macrolide-resistant MG were conducted in Australia.^{36 43 44} According to a previous meta-analysis conducted by Machalek *et al* in 2020, the country had a high prevalence of macrolide-resistant MG compared with other countries.¹⁹ Therefore, our study may contain data that do not necessarily represent the reality in other countries. For this reason, further prevalence studies are required to address these limitations. Moreover, 2 studies tested only urine samples,^{43 46} and 11 studies tested urine and anorectal samples to diagnose MG.^{32 34 36–41 44 45 47} However, anorectal swabs are especially relevant for MSM, and not testing this site may result in an underestimation of MG prevalence by up to 70%.^{44 58} A positive aspect is that no study tested only oropharyngeal samples since this practice is not recommended due to the rare transmission of MG through this site.⁵⁹ Other limiting points were the small number of studies comparing the odds of MG infection in PrEP users versus non-PrEP users, as well the scarcity of studies reporting the prevalence of fluoroquinolone-resistant MG.

In conclusion, we observed a high prevalence of MG infection and a high proportion of antibiotic-resistant MG infections in individuals taking PrEP. These results reinforce the need of more effective STI prevention and control programmes to better support this population in achieving overall sexual health.

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Correction notice This article has been corrected since it was first published online. The affiliations of the authors have been updated.

Handling editor Jason J Ong

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Contributors PRS—project ideation, study design, data extraction, data analysis, interpretation of results, manuscript writing, final review and guarantor of this manuscript. CBM—study design, data extraction, data analysis, interpretation of results, manuscript writing and final review. US—interpretation of results, manuscript writing and final review. DS—interpretation of results, manuscript writing and final review. MA—data extraction, data analysis, interpretation of results, manuscript writing and final review.

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Correction: *Prevalence of Mycoplasma genitalium infection among HIV PrEP users: a systematic review and meta-analysis*

Sokoll PR, Migliavaca CB, Siebert U, *et al.* Prevalence of *Mycoplasma genitalium* infection among HIV PrEP users: a systematic review and meta-analysis. *Sex Transm Infect* Published Online First: 09 February 2023. doi: 10.1136/sextrans-2022-055687

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Supplementary material 2: PRISMA statement.

Table 1: PRISMA 2020 Checklist.

Section and Topic	Item #	Checklist item	Location where item is reported
TITLE			
Title	1	Identify the report as a systematic review.	Yes. Title.
ABSTRACT			
Abstract	2	See the PRISMA 2020 for Abstracts checklist.	See Table 2, below.
INTRODUCTION			
Rationale	3	Describe the rationale for the review in the context of existing knowledge.	Yes. Introduction.
Objectives	4	Provide an explicit statement of the objective(s) or question(s) the review addresses.	Yes. Last sentence of the introduction.
METHODS			
Eligibility criteria	5	Specify the inclusion and exclusion criteria for the review and how studies were grouped for the syntheses.	Yes. Methods - Study selection and eligibility criteria.
Information sources	6	Specify all databases, registers, websites, organisations, reference lists and other sources searched or consulted to identify studies. Specify the date when each source was last searched or consulted.	Yes. Methods - Search strategy.
Search strategy	7	Present the full search strategies for all databases, registers and websites, including any filters and limits used.	Yes. Supplementary material 2.
Selection process	8	Specify the methods used to decide whether a study met the inclusion criteria of the review, including how many reviewers screened each record and each report retrieved, whether they worked independently, and if applicable, details of automation tools used in the process.	Yes. Methods - Study selection and eligibility criteria.
Data collection process	9	Specify the methods used to collect data from reports, including how many reviewers collected data from each report, whether they worked independently, any processes for obtaining or confirming data from study investigators, and if applicable, details of automation tools used in the process.	Yes. Methods - Data extraction.
Data items	10a	List and define all outcomes for which data were sought. Specify whether all results that were compatible with each outcome domain in each study were sought (e.g. for all measures, time points, analyses), and if not, the methods used to decide which results to collect.	Yes. Methods - Data extraction.
	10b	List and define all other variables for which data were sought (e.g. participant and intervention characteristics, funding sources). Describe any assumptions made about any missing or unclear information.	Yes. Methods - Data extraction.
Study risk of bias assessment	11	Specify the methods used to assess risk of bias in the included studies, including details of the tool(s) used, how many reviewers assessed each study and whether they worked independently, and if applicable, details of automation tools used in the process.	Yes. Methods - Critical appraisal of included studies and assessment of quality of evidence.
Effect measures	12	Specify for each outcome the effect measure(s) (e.g. risk ratio, mean difference) used in the synthesis or presentation of results.	Yes. Methods - Data analysis.
Synthesis methods	13a	Describe the processes used to decide which studies were eligible for each synthesis (e.g. tabulating the study intervention characteristics and comparing against the planned groups for each synthesis (item #5)).	Yes. Methods - Data analysis.
	13b	Describe any methods required to prepare the data for presentation or synthesis, such as handling of missing	Yes. Methods - Data

Section and Topic	Item #	Checklist item	Location where item is reported
		summary statistics, or data conversions.	analysis.
	13c	Describe any methods used to tabulate or visually display results of individual studies and syntheses.	Yes. Methods - Data analysis.
	13d	Describe any methods used to synthesize results and provide a rationale for the choice(s). If meta-analysis was performed, describe the model(s), method(s) to identify the presence and extent of statistical heterogeneity, and software package(s) used.	Yes. Methods - Data analysis.
	13e	Describe any methods used to explore possible causes of heterogeneity among study results (e.g. subgroup analysis, meta-regression).	Yes. Methods - Data analysis.
	13f	Describe any sensitivity analyses conducted to assess robustness of the synthesized results.	Yes. Methods - Data analysis.
Reporting bias assessment	14	Describe any methods used to assess risk of bias due to missing results in a synthesis (arising from reporting biases).	Yes. Methods - Data analysis.
Certainty assessment	15	Describe any methods used to assess certainty (or confidence) in the body of evidence for an outcome.	Yes. Methods - Critical appraisal of included studies and assessment of quality of evidence.
RESULTS			
Study selection	16a	Describe the results of the search and selection process, from the number of records identified in the search to the number of studies included in the review, ideally using a flow diagram.	Yes. Results - Study selection and Figure 1.
	16b	Cite studies that might appear to meet the inclusion criteria, but which were excluded, and explain why they were excluded.	Yes. Results - Study selection, Figure 1 and Supplementary material 3.
Study characteristics	17	Cite each included study and present its characteristics.	Yes. Results - Main characteristics of included studies and Tables 1 and 2.
Risk of bias in studies	18	Present assessments of risk of bias for each included study.	Yes. Results - Risk of bias and quality of evidence and Supplementary material 4.
Results of individual studies	19	For all outcomes, present, for each study: (a) summary statistics for each group (where appropriate) and (b) an effect estimate and its precision (e.g. confidence/credible interval), ideally using structured tables or plots.	Yes. Figures 2, 3 and 4.
Results of syntheses	20a	For each synthesis, briefly summarise the characteristics and risk of bias among contributing studies.	Yes. Risk of bias and quality of evidence and Supplementary material 5.
	20b	Present results of all statistical syntheses conducted. If meta-analysis was done, present for each the summary estimate and its precision (e.g. confidence/credible interval) and measures of statistical heterogeneity. If comparing groups, describe the direction of the effect.	Yes. Results - Prevalence of MG infection, Prevalence of macrolide-resistant MG infection, Prevalence of fluoroquinolone-resistant MG infection, Prevalence of tetracycline-resistant MG infection and Figures 2, 3 and 4.

Section and Topic	Item #	Checklist item	Location where item is reported
	20c	Present results of all investigations of possible causes of heterogeneity among study results.	Yes. Figure 2, 3, 4.
	20d	Present results of all sensitivity analyses conducted to assess the robustness of the synthesized results.	Yes. Supplementary material 6.
Reporting biases	21	Present assessments of risk of bias due to missing results (arising from reporting biases) for each synthesis assessed.	Not applicable.
Certainty of evidence	22	Present assessments of certainty (or confidence) in the body of evidence for each outcome assessed.	Yes. Supplementary material 5.
DISCUSSION			
Discussion	23a	Provide a general interpretation of the results in the context of other evidence.	Yes. Discussion.
	23b	Discuss any limitations of the evidence included in the review.	Yes. Discussion.
	23c	Discuss any limitations of the review processes used.	Yes. Discussion.
	23d	Discuss implications of the results for practice, policy, and future research.	Yes. Discussion.
OTHER INFORMATION			
Registration and protocol	24a	Provide registration information for the review, including register name and registration number, or state that the review was not registered.	Yes. Methods - Study design and protocol.
	24b	Indicate where the review protocol can be accessed, or state that a protocol was not prepared.	Yes. Methods - Study design and protocol.
	24c	Describe and explain any amendments to information provided at registration or in the protocol.	Yes. See protocol.
Support	25	Describe sources of financial or non-financial support for the review, and the role of the funders or sponsors in the review.	Yes. Funding.
Competing interests	26	Declare any competing interests of review authors.	Yes. Competing interests.
Availability of data, code and other materials	27	Report which of the following are publicly available and where they can be found: template data collection forms; data extracted from included studies; data used for all analyses; analytic code; any other materials used in the review.	Yes. Data availability statement.

Table 2: PRISMA 2020 for Abstracts Checklist.

Section and Topic	Item #	Checklist item	Reported (Yes/No)
TITLE			
Title	1	Identify the report as a systematic review.	Yes. Title.
BACKGROUND			
Objectives	2	Provide an explicit statement of the main objective(s) or question(s) the review addresses.	Yes. Item: Objectives
METHODS			
Eligibility criteria	3	Specify the inclusion and exclusion criteria for the review.	Yes. Item: Methods
Information sources	4	Specify the information sources (e.g. databases, registers) used to identify studies and the date when each was last searched.	Yes. Item: Methods
Risk of bias	5	Specify the methods used to assess risk of bias in the included studies.	Yes. Item: Methods
Synthesis of results	6	Specify the methods used to present and synthesise results.	Yes. Item: Methods
RESULTS			
Included studies	7	Give the total number of included studies and participants and summarise relevant characteristics of studies.	Yes. Item: Results.
Synthesis of results	8	Present results for main outcomes, preferably indicating the number of included studies and participants for each. If meta-analysis was done, report the summary estimate and confidence/credible interval. If comparing groups, indicate the direction of the effect (i.e. which group is favoured).	Yes. Item: Results.
DISCUSSION			
Limitations of evidence	9	Provide a brief summary of the limitations of the evidence included in the review (e.g. study risk of bias, inconsistency and imprecision).	Yes. Item: Results (quality of evidence assessment).
Interpretation	10	Provide a general interpretation of the results and important implications.	Yes. Item: Conclusion
OTHER			
Funding	11	Specify the primary source of funding for the review.	Not applicable.
Registration	12	Provide the register name and registration number.	Yes. Item: Methods.

Supplementary material 2: Complete search strategies.

MEDLINE (via PubMed):

#1: "Mycoplasma genitalium"[MeSH] OR "Mycoplasma genitalium"

#2: Pre-Exposure Prophylaxis[MeSH] OR "Pre-Exposure Prophylaxis" OR "Pre Exposure Prophylaxis" OR PrEP

#3: "Epidemiology"[Mesh] OR "Prevalence"[Mesh] OR "epidemiology"[Subheading]

#4: "Drug Resistance, Bacterial"[MeSH] OR (Drug Resistance Bacterial) OR (Antibacterial Drug Resistance) OR (Antibiotic Resistance Bacterial) OR (Antibiotic Resistance) OR (antimicrobial resistance) OR (macrolide resistance) OR (fluoroquinolone resistance) OR (fluorinated quinolone resistance) OR "Tetracycline Resistance"[MeSH] OR (Tetracycline Resistance)

#5: #2 OR #3 OR #4

#6: #1 AND #5

Embase:

#1: 'mycoplasma genitalium'/exp OR 'mycoplasma genitalium')

#2: 'pre-exposure prophylaxis'/exp OR 'pre-exposure prophylaxis' OR 'pre exposure prophylaxis' OR prep

#3: 'prevalence'/exp OR 'prevalence' OR 'prevalence study' OR 'epidemiology'/exp OR 'epidemiologic research' OR 'epidemiologic research design' OR 'epidemiologic studies' OR 'epidemiologic survey' OR 'epidemiological research' OR 'epidemiology'

#4: 'antibiotic resistance'/exp OR 'antibacterial drug resistance' OR 'antibacterial resistance' OR 'antibiotic non-susceptibility' OR 'antibiotic nonsusceptibility' OR 'antibiotic resistance' OR 'antimicrobial drug resistance' OR 'antimicrobial resistance' OR 'bacterial drug resistance' OR 'bacterial resistance' OR 'bacterium resistance' OR 'drug resistance, bacterial' OR 'drug resistance, microbial' OR 'microbial drug resistance' OR 'resistance, antibiotic' OR 'macrolide resistance'/exp OR 'macrolide antibiotic resistance' OR 'macrolide antimicrobial resistance' OR 'macrolide resistance' OR 'macrolides resistance' OR 'fluoroquinolone resistance'/exp OR 'fluorinated quinolone resistance' OR 'fluoro-quinolone resistance' OR 'fluoroquinolone resistance'

OR 'fluoroquinolones resistance' OR 'tetracycline resistance'/exp OR 'tetracyclin resistance' OR 'tetracycline (tc) resistance' OR 'tetracycline resistance'

#5: #2 OR #3 OR #4

#6: #1 AND #5

Web of Science:

#1: ALL=(Mycoplasma genitalium)

#2: ALL=((pre-exposure prophylaxis) OR (pre exposure prophylaxis) OR (prep))

#3: (ALL=(prevalence OR epidemiology OR epidemiological))

#4: (((((ALL=((Antibiotic Resistance))) OR ALL=((antimicrobial resistance))) OR ALL=((macrolide resistance))) OR ALL=((fluoroquinolone resistance))) OR ALL=((Tetracycline Resistance))) OR ALL=((fluorinated quinolone resistance))

#5: #2 OR #3 OR #4

#6: #1 AND #5

WHO Global Index Medicus (AIM, IMEMR, IMSEAR, LILACS, WPRO):

#1: "Mycoplasma genitalium"

Supplementary material 3: Studies excluded after full text assessment.

Author, year	Title	Journal	doi	Reason for exclusion
Abdel Salam, 2020	Frequency of Mycoplasma genitalium, Mycoplasma hominis and Ureaplasma urealyticum among Females Patients Attending Gynecology and Obstetrics Clinics at Ain shams University hospital	Journal of Pure and Applied Microbiology	10.22207/JPAM.14.2.39	Population (did not report data from PrEP users)
Abusarah, 2013	Molecular detection of potential sexually transmitted pathogens in semen and urine specimens of infertile and fertile males	Diagnostic Microbiology and Infectious Disease	10.1016/j.diagmicrobio.2013.05.018	Population (did not report data from PrEP users)
Adelantado, 2019	Macrolide-Resistant Mycoplasma genitalium in Southeastern Region of the Netherlands, 2014-2017	Emerging Infectious Diseases	10.3201/eid2511.190912	Population (did not report data from PrEP users)
Adelantado, 2019	Prevalence of Mycoplasma genitalium infection and antibiotic resistance in Navarra (North Spain)	Sexually Transmitted Infections	10.1136/sextrans-2019-054083	Population (did not report data from PrEP users)
Agger, 2014	Epidemiologic Factors and Urogenital Infections Associated With Preterm Birth in a Midwestern U.S. Population	Obstetrics and Gynecology	10.1097/aog.0000000000000470	Population (did not report data from PrEP users)
Agyarko-Poku, 2011	Aetiological agents of infective vaginal discharge among women attending a STD clinic in Kumasi, Ghana	Sexually Transmitted Infections	10.1136/sextrans-2011-050108.501	Population (did not report data from PrEP users)
Agyarko-Poku, 2013	Prevalence of mycoplasma genitalium among women attending sexually transmitted infection clinic in Kumasi, Ghana	Sexually Transmitted Infections	10.1136/sextrans-2013-051184.0689	Population (did not report data from PrEP users)
Ahaus, 2022	Changes in the user profiles of HIV pre-exposure prophylaxis (PrEP) before and after PrEP reimbursement	Journal of Infection and Public Health	10.1016/j.jiph.2022.07.012	Outcome
Ajani, 2019	Genital chlamydia trachomatis and mycoplasma genitalium among infertile women in university college hospital, Ibadan	Sexually Transmitted Infections	10.1136/sextrans-2019-sti.540	Population (did not report data from PrEP users)
Alakija, 2013	Risk factors for mycoplasma genitalium among female sex workers in Nairobi, Kenya	Sexually Transmitted Infections	10.1136/sextrans-2013-051184.0575	Population (did not report data from PrEP users)
Alfarraj, 2017	Isolation of Mycoplasma genitalium from endocervical swabs of infertile women	Saudi Medical Journal	10.15537/smj.2017.5.18820	Population (did not report data from PrEP users)
Allan-Blitz, 2018	Prevalence of Mycoplasma genitalium and Azithromycin-resistant Infections among Remnant Clinical Specimens, Los Angeles	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000829	Population (did not report data from PrEP users)
Alvarez Rodríguez, 2013	Results: Of the First HIV prevalence and risk behaviour study among female sex workers, Belize, 2012	Sexually Transmitted Infections	10.1136/sextrans-2013-051184.0566	Population (did not report data from PrEP users)
Andersson, 2021	Are Swedish swingers a risk group for sexually transmitted infections?	International Journal of STD and AIDS	10.1177/0956462420973108	Population (did not report data from PrEP users)

Andersson, 2021	Are Urogenital Symptoms Caused by Sexually Transmitted Infections and Colonizing Bacteria?	Journal of Lower Genital Tract Disease	10.1097/LGT.0000000000000608	Population (did not report data from PrEP users)
Ando, 2021	High prevalence of circulating dual-class resistant Mycoplasma genitalium in asymptomatic MSM in Tokyo, Japan	Jac-Antimicrobial Resistance	10.1093/jacamr/dlab091	Population (did not report data from PrEP users)
Andreeva, 2012	[Diagnostic and treatment patterns in management of male patients with nongonococcal urethritis: results of Russian multicentral cross-sectional study]	Antibiotiki i khimioterapii (combining double inverted breve) = Antibiotics and chemotherapy [sic] / Ministerstvo meditsinskoĭ i mikrobiologicheskoi promyshlennosti SSSR	NR	Population (did not report data from PrEP users)
Angela, 2021	Multi-year prevalence and macrolide resistance of Mycoplasma genitalium in clinical samples from a southern Italian hospital	European Journal of Clinical Microbiology and Infectious Diseases	10.1007/s10096-020-04068-3	Population (did not report data from PrEP users)
Ansejo, 2018	Mycoplasma genitalium in Spain: prevalence of genital infection and frequency of resistance to macrolides	Enfermedades Infecciosas y Microbiología Clínica	10.1016/j.eimc.2017.01.006	Population (did not report data from PrEP users)
Arda, 2018	Chronic Bacterial Prostatitis in a Turkish Population: The Microbiological Etiology and Distribution	Journal of Academic Research in Medicine-Jarem	10.5152/jarem.2018.2000	Population (did not report data from PrEP users)
Ashshi, 2015	Prevalence of 7 sexually transmitted organisms by multiplex real-time PCR in Fallopian tube specimens collected from Saudi women with and without ectopic pregnancy	BMC Infectious Diseases	10.1186/s12879-015-1313-1	Population (did not report data from PrEP users)
Averbach, 2013	Mycoplasma genitalium and preterm delivery at an urban community health center	International Journal of Gynecology and Obstetrics	10.1016/j.ijgo.2013.06.005	Population (did not report data from PrEP users)
Bachmann, 2020	Prevalence of mycoplasma genitalium infection, antimicrobial resistance mutations, and symptom resolution following treatment of urethritis	Clinical Infectious Diseases	10.1093/cid/ciaa293	Population (did not report data from PrEP users)
Bai, 2021	Sexually transmitted infections and semen quality from subfertile men with and without leukocytospermia	Reproductive Biology and Endocrinology	10.1186/s12958-021-00769-2	Population (did not report data from PrEP users)
Bainbridge, 2021	High Prevalence of Urogenital and Rectal Mycoplasma genitalium in U.S. MSM with a History of STIs in the Last Year	Open Forum Infectious Diseases	10.1093/ofid/ofab466.163	Population (did not report data from PrEP users)
Bajrovic, 2017	Mycoplasma genitalium prevalence and variability based on gender, race and sexual preference in patients attending the Oakland county health department disease clinic	Open Forum Infectious Diseases	10.1093/ofid/ofx163.506	Population (did not report data from PrEP users)
Balkus, 2016	Periodic Presumptive Treatment for Vaginal Infections May Reduce the Incidence of Sexually Transmitted Bacterial Infections	Journal of Infectious Diseases	10.1093/infdis/jiw043	Population (did not report data from PrEP users)
Balle, 2021	Hormonal contraception and risk of STIs and bacterial vaginosis in South African adolescents: Secondary analysis of a randomised trial	Sexually Transmitted Infections	10.1136/sextrans-2020-054483	Population (did not report data from PrEP users)

Barbee, 2016	An estimate of the proportion of symptomatic gonococcal, chlamydial and non-gonococcal non-chlamydial urethritis attributable to oral sex among men who have sex with men: a case-control study	Sexually Transmitted Infections	10.1136/sextrans-2015-052214	Population (did not report data from PrEP users)
Barbee, 2019	Rectal and pharyngeal M. Genitalium among men who have sex with men (MSM): Results from a longitudinal cohort study	Sexually Transmitted Infections	10.1136/sextrans-2019-sti.648	Population (did not report data from PrEP users)
Barberia, 2017	Mycoplasma genitalium Macrolide and Fluoroquinolone Resistance: Prevalence and Risk Factors Among a 2013-2014 Cohort of Patients in Barcelona, Spain	Sexually Transmitted Diseases	10.1097/olq.0000000000000631	Population (did not report data from PrEP users)
Barnabas, 2018	Converging epidemics of sexually transmitted infections and bacterial vaginosis in southern African female adolescents at risk of HIV	International Journal of STD and AIDS	10.1177/0956462417740487	Population (did not report data from PrEP users)
Basu, 2017	High macrolide resistance in mycoplasma genitalium strains causing infection in Auckland, New Zealand	Journal of Clinical Microbiology	10.1128/JCM.00370-17	Population (did not report data from PrEP users)
Batteiger, 2018	Prevalence of rectal chlamydia trachomatis (CT) and mycoplasma genitalium (mg) in a cohort of men with and without nongonococcal urethritis (ngu)	Sexually Transmitted Diseases	NR	Population (did not report data from PrEP users)
Batteiger, 2019	Detection of rectal chlamydia trachomatis in heterosexual men who report cunnilingus	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000998	Population (did not report data from PrEP users)
Bayette, 2013	Prevalence of Chlamydia trachomatis, Neisseria gonorrhoeae and Mycoplasma genitalium infections in the emergency department	Pathologie Biologie	10.1016/j.patbio.2012.04.001	Population (did not report data from PrEP users)
Bayigga, 2020	Diverse vaginal microbiome was associated with pro-inflammatory vaginal milieu among pregnant women in Uganda	Human Microbiome Journal	10.1016/j.humic.2020.100076	Population (did not report data from PrEP users)
Beesham, 2021	High prevalence of curable sexually transmitted infections among HIV-uninfected women planning for pregnancy in Kwazulunatal, South Africa	Sexually Transmitted Infections	10.1136/sextrans-2021-sti.228	Population (did not report data from PrEP users)
Beesley, 2022	Testing for Mycoplasma genitalium in pelvic inflammatory disease: A clinical audit	Australian and New Zealand Journal of Obstetrics and Gynaecology	10.1111/ajo.13609	Population (did not report data from PrEP users)
Begnis, 2021	Prevalence and risk factors of Mycoplasma genitalium infection in patients attending a sexually transmitted infection clinic in Reunion Island: a cross-sectional study (2017–2018)	BMC Infectious Diseases	10.1186/s12879-021-06193-6	Population (did not report data from PrEP users)
Bellinato, 2021	Clinical profile and co-infections of urethritis in males	Italian Journal of Dermatology and Venereology	10.23736/S2784-8671.20.06773-5	Full text not found
Belokrinitsakaya, 2013	Preconception screening for sexually transmitted infections in young healthy women: Cross-sectional study	Giornale Italiano di Ostetricia e Ginecologia	NR	Full text not found
Bercot, 2019	High prevalence and antibiotic resistance of m genitalium infections in MSM on prep	Topics in Antiviral Medicine	NR	Duplicate data
Berle, 2012	Chlamydia trachomatis, Mycoplasma genitalium and Ureaplasma urealyticum in clinical and non-clinical settings, Arkhangelsk Oblast, Russia	International Journal of STD and AIDS	10.1258/ijsa.2012.011410	Population (did not report data from PrEP users)

Bernier, 2020	HIV and other sexually transmitted infections among female sex workers in Moscow (Russia): Prevalence and associated risk factors	Sexually Transmitted Infections	10.1136/sextrans-2019-054299	Population (did not report data from PrEP users)
Bertolotti, 2016	IST-04 - Impact of Mycoplasma genitalium in an overseas free and anonymous screening center in light of other sexually transmitted diseases: A cross-sectional study	Medecine et Maladies Infectieuses	10.1016/S0399-077X(16)30435-8	Population (did not report data from PrEP users)
Bhargava, 2021	Etiology of cervicitis-are there new agents in play?	Sexually Transmitted Infections	10.1136/sextrans-2021-sti.408	Population (did not report data from PrEP users)
Bjartling, 2012	Mycoplasma genitalium in cervicitis and pelvic inflammatory disease among women at a gynecologic outpatient service	American Journal of Obstetrics and Gynecology	10.1016/j.ajog.2012.02.036	Population (did not report data from PrEP users)
Bjartling, 2013	Mycoplasma genitalium and chlamydia trachomatis in laparoscopically diagnosed pelvic inflammatory disease	Sexually Transmitted Infections	10.1136/sextrans-2013-051184.0045	Population (did not report data from PrEP users)
Bjessessor, 2016	The contribution of Mycoplasma genitalium to the aetiology of sexually acquired infectious proctitis in men who have sex with men	Clinical Microbiology and Infection	10.1016/j.cmi.2015.11.016	Population (did not report data from PrEP users)
Björnelius, 2017	Mycoplasma genitalium macrolide resistance in Stockholm, Sweden	Sexually Transmitted Infections	10.1136/sextrans-2016-052688	Population (did not report data from PrEP users)
Black, 2008	The detection of urethritis pathogens among patients with the male urethritis syndrome, genital ulcer syndrome and HIV voluntary counselling and testing clients: should South Africa's syndromic management approach be revised?	Sex Transm Infect	10.1136/sti.2007.028464	Population (did not report data from PrEP users)
Blanco, 2022	Prevalence of Mycoplasma genitalium and other sexually transmitted pathogens in male urethritis in a sexual health centre in New Caledonia	Int J STD AIDS	10.1177/09564624221103808	Population (did not report data from PrEP users)
Blockl, 2018	Mycoplasma genitalium: Prevalence, Coinfections and Rate of Therapy Success after First-Line Treatment in an infectious Focal Medical Practice in Berlin	Journal Der Deutschen Dermatologischen Gesellschaft	NR	Population (did not report data from PrEP users)
Blockl, 2019	PREVALENCE AND CLINICAL FEATURES OF MYCOPLASMA GENITALIUM IN PATIENTS ATTENDING A STI OUTPATIENT CLINIC IN BERLIN: 2013-2017	Sexually Transmitted Infections	10.1136/sextrans-2019-sti.681	Population (did not report data from PrEP users)
Bonafede, 2016	Evidence of low rates of mycoplasma genitalium assessment among commercially insured women with an sti-related diagnosis	Sexually Transmitted Diseases	10.1097/01.olq.0000503358.65329.6f	Population (did not report data from PrEP users)
Borgobna, 2018	Vaginal metabolomic signatures distinguish chlamydia mono-infected, chlamydia trachomatis/mycoplasma genitalium co-infected and un-infected women	American Journal of Obstetrics and Gynecology	10.1016/j.ajog.2018.10.088	Population (did not report data from PrEP users)
Borgobna, 2020	The association of Chlamydia trachomatis and Mycoplasma genitalium infection with the vaginal metabolome	Scientific reports	10.1038/s41598-020-60179-z	Population (did not report data from PrEP users)
Braam, 2017	High prevalence of the A2058T macrolide resistance-associated mutation in Mycoplasma genitalium strains from the Netherlands	Journal of Antimicrobial Chemotherapy	10.1093/jac/dkw584	Population (did not report data from PrEP users)

Braam, 2020	Evaluating the prevalence and risk factors for macrolide resistance in <i>Mycoplasma genitalium</i> using a newly developed qPCR assay	PLoS One	10.1371/journal.pone.0240836	Population (did not report data from PrEP users)
Braam, 2022	Macrolide-Resistant <i>Mycoplasma genitalium</i> Impairs Clinical Improvement of Male Urethritis After Empirical Treatment	Sexually Transmitted Diseases	10.1097/olq.0000000000001591	Population (did not report data from PrEP users)
Bradshaw, 2013	Prevalent and Incident Bacterial Vaginosis Are Associated with Sexual and Contraceptive Behaviours in Young Australian Women	PLoS ONE	10.1371/journal.pone.0057688	Population (did not report data from PrEP users)
Bras-Cachinho, 2021	<i>Mycoplasma genitalium</i> : Prevalence of macrolide and fluoroquinolone resistance at the University Hospital of Tours, and check of the S-DiaMGRes® (Diagenode Diagnostics) assay	Annales de biologie clinique	10.1684/abc.2021.1633	Full text not found
Brehony, 2021	Evaluation of molecular testing for <i>Mycoplasma genitalium</i> for symptomatic women	Irish Journal of Medical Science	10.1007/s11845-021-02782-1	Population (did not report data from PrEP users)
Broad, 2017	PREVALENCE AND RISK FACTORS ASSOCIATED WITH CHLAMYDIA TRACHOMATIS (CT), MYCOPLASMA GENITALIUM (MG) AND NEISSERIA GONORRHOEAE (NG): CROSS-SECTIONAL STUDY IN THREE SEXUAL HEALTH CLINICS	Sexually Transmitted Infections	10.1136/sextrans-2017-053232.248	Population (did not report data from PrEP users)
Broad, 2021	High prevalence of coinfection of azithromycin-resistant <i>Mycoplasma genitalium</i> with other STIs: A prospective observational study of London-based symptomatic and STI-contact clinic attendees	Sexually Transmitted Infections	10.1136/sextrans-2019-054356	Population (did not report data from PrEP users)
Brosh-Nissimov, 2018	Management of sexually transmissible infections in the era of multiplexed molecular diagnostics: A primary care survey	Sexual Health	10.1071/SH17190	Population (did not report data from PrEP users)
Bruisten, 2019	<i>Mycoplasma genitalium</i> in clients visiting two Dutch STI clinics: Very high prevalence and resistance to azithromycin	Sexually Transmitted Infections	10.1136/sextrans-2019-sti.678	Population (did not report data from PrEP users)
Cabecinha, 2017	Finding sexual partners online: Prevalence and associations with sexual behaviour, STI diagnoses and other sexual health outcomes in the British population	Sexually Transmitted Infections	10.1136/sextrans-2016-052994	Population (did not report data from PrEP users)
Calas, 2021	Prevalence of urogenital, anal, and pharyngeal infections with <i>Chlamydia trachomatis</i> , <i>Neisseria gonorrhoeae</i> , and <i>Mycoplasma genitalium</i> : a cross-sectional study in Reunion island	BMC Infectious Diseases	10.1186/s12879-021-05801-9	Population (did not report data from PrEP users)
Cameron, 2018	Epstein-Barr Virus, High-Risk Human Papillomavirus and Abnormal Cervical Cytology in a Prospective Cohort of African Female Sex Workers	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000857	Population (did not report data from PrEP users)
Camporiondo, 2016	Detection of HPV and co-infecting pathogens in healthy Italian women by multiplex real-time PCR	Infezioni in Medicina	NR	Population (did not report data from PrEP users)
Camus, 2021	Acceptability and efficacy of vaginal self-sampling for genital infection and bacterial vaginosis: A cross-sectional study	PLoS ONE	10.1371/journal.pone.0260021	Population (did not report data from PrEP users)
Carina, 2015	Detection of <i>Mycoplasma genitalium</i> and <i>Chlamydia trachomatis</i> in three different self-collected genital specimens in women	International Journal of STD and AIDS	10.1177/0956462415601768	Population (did not report data from PrEP users)

Carne, 2013	Prevalence, clinical features and quantification of genital non-viral infections	International Journal of STD and AIDS	10.1177/0956462412472306	Population (did not report data from PrEP users)
Caruso, 2021	Current and Future Trends in the Laboratory Diagnosis of Sexually Transmitted Infections	International Journal of Environmental Research and Public Health	10.3390/ijerph18031038	Population (did not report data from PrEP users)
Casas, 2013	Hallazgos de <i>Mycoplasma hominis</i> y <i>Ureaplasma urealyticum</i> en mujeres con infecciones urogenitales	Arch. méd. Camaguey	NR	Population (did not report data from PrEP users)
Casillas-Vega, 2016	Sexually transmitted pathogens, coinfections and risk factors in patients attending obstetrics and gynecology clinics in Jalisco, Mexico	Salud publica de Mexico	NR	Population (did not report data from PrEP users)
Casillas-Vega, 2017	Causative agents, diseases, epidemiology and diagnosis of sexually transmitted infections	Reviews in Medical Microbiology	10.1097/mrm.000000000000089	Population (did not report data from PrEP users)
Chakezha, 2017	Demographic and clinical profiles of women with bacterial vaginosis and sexually transmitted infections: Implications for the management of vaginal discharge syndrome in South Africa	Sexually Transmitted Infections	10.1136/sextrans-2017-053264.453	Population (did not report data from PrEP users)
Chambers, 2016	Exposures associated with nongonococcal urethritis (NGU) in men who have sex with women only (MSW) and men who have sex with men only (MSM)	Sexually Transmitted Diseases	10.1097/01.olq.0000503358.65329.6f	Population (did not report data from PrEP users)
Che, 2022	<i>Mycoplasma genitalium</i> and <i>Chlamydia trachomatis</i> infection among women in Southwest China: a retrospective study	Epidemiology and Infection	10.1017/S0950268822001066	Population (did not report data from PrEP users)
Chernesky, 2017	Urinary Meatal Swabbing Detects More Men Infected with <i>Mycoplasma genitalium</i> and Four Other Sexually Transmitted Infections Than First Catch Urine	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000618	Population (did not report data from PrEP users)
Chernesky, 2019	<i>Mycoplasma genitalium</i> , <i>Chlamydia trachomatis</i> , and <i>Neisseria gonorrhoeae</i> Detected With Aptima Assays Performed on Self-Obtained Vaginal Swabs and Urine Collected at Home and in a Clinic	Sexually Transmitted Diseases	10.1097/olq.0000000000001004	Population (did not report data from PrEP users)
Chesnay, 2020	Contribution of a molecular test for the diagnosis of genital infection with <i>Trichomonas vaginalis</i> and <i>Mycoplasma genitalium</i>	Annales De Biologie Clinique	10.1684/abc.2020.1589	Population (did not report data from PrEP users)
Chirenje, 2018	The Etiology of Vaginal Discharge Syndrome in Zimbabwe: Results from the Zimbabwe STI Etiology Study	Sex Transm Dis	10.1097/olq.0000000000000771	Population (did not report data from PrEP users)
Chitneni, 2020	Partner notification and treatment outcomes among South African adolescents and young adults diagnosed with a sexually transmitted infection via laboratory-based screening	International Journal of STD and AIDS	10.1177/0956462420915395	Population (did not report data from PrEP users)
Cho, 2016	Prevalence of <i>chlamydia trachomatis</i> , <i>neisseria gonorrhoeae</i> , <i>mycoplasma genitalium</i> , <i>ureaplasma urealyticum</i> in chronic prostatitis category IIIa and IIIb patients using polymerase chain reaction	International Journal of Urology	10.1111/iju.13149	Population (did not report data from PrEP users)
Choi, 2013	Prevalence and associated factors for four sexually transmissible microorganisms in middle-aged men receiving general prostate health checkups: A polymerase chain reaction-based study in Korea	Korean Journal of Urology	10.4111/kju.2013.54.1.53	Population (did not report data from PrEP users)
Chow, 2014	Testing commercial sex workers for sexually transmitted infections in Victoria, Australia: An evaluation of the impact of reducing the frequency of testing	PLoS ONE	10.1371/journal.pone.0103081	Population (did not report data from PrEP users)

Chra, 2018	Prevalence of Mycoplasma genitalium and other sexually-transmitted pathogens among high-risk individuals in Greece	GERMS	10.18683/germs.2018.1128	Population (did not report data from PrEP users)
Clarivet, 2014	Prevalence of Chlamydia trachomatis, Neisseria gonorrhoeae and Mycoplasma genitalium in asymptomatic patients under 30 years of age screened in a French sexually transmitted infections clinic	European Journal of Dermatology	10.1684/ejd.2014.2413	Population (did not report data from PrEP users)
Clifton, 2018	STI Risk Perception in the British Population and How It Relates to Sexual Behaviour and STI Healthcare Use: Findings From a Cross-sectional Survey (Natsal-3)	EClinicalMedicine	10.1016/j.eclinm.2018.08.001	Population (did not report data from PrEP users)
Compain, 2019	Low prevalence of common sexually transmitted infections contrasting with high prevalence of mycoplasma asymptomatic genital carriage: A community-based cross-sectional survey in adult women living in N'Djamena, Chad	Open Microbiology Journal	10.2174/1874285801913010222	Population (did not report data from PrEP users)
Contini, 2018	Investigation on silent bacterial infections in specimens from pregnant women affected by spontaneous miscarriage	Journal of Cellular Physiology	10.1002/jcp.26952	Population (did not report data from PrEP users)
Coorevits, 2018	Identifying a consensus sample type to test for Chlamydia trachomatis, Neisseria gonorrhoeae, Mycoplasma genitalium, Trichomonas vaginalis and human papillomavirus	Clinical Microbiology and Infection	10.1016/j.cmi.2018.03.013	Population (did not report data from PrEP users)
Coorevits, 2018	Macrolide resistance in Mycoplasma genitalium from female sex workers in Belgium	Journal of Global Antimicrobial Resistance	10.1016/j.jgar.2017.09.018	Population (did not report data from PrEP users)
Cosentino, 2012	Use of nucleic acid amplification testing for diagnosis of anorectal sexually transmitted infections	Journal of Clinical Microbiology	10.1128/JCM.00185-12	Population (did not report data from PrEP users)
Cowley, 2021	Prevalence of and risk factors for curable sexually transmitted infections on Bubaque Island, Guinea Bissau	Sexually Transmitted Infections	10.1136/sextrans-2019-054351	Population (did not report data from PrEP users)
Cox, 2016	Mycoplasma hominis and Gardnerella vaginalis display a significant synergistic relationship in bacterial vaginosis	European Journal of Clinical Microbiology and Infectious Diseases	10.1007/s10096-015-2564-x	Population (did not report data from PrEP users)
Cox, 2016	The common vaginal commensal bacterium Ureaplasma parvum is associated with chorioamnionitis in extreme preterm labor	Journal of Maternal-Fetal and Neonatal Medicine	10.3109/14767058.2016.1140734	Population (did not report data from PrEP users)
Cox, 2016	Ureaplasma parvum and Mycoplasma genitalium are found to be significantly associated with microscopy-confirmed urethritis in a routine genitourinary medicine setting	International Journal of STD and AIDS	10.1177/0956462415597620	Population (did not report data from PrEP users)
Cox, 2017	Gardnerella vaginalis and Mollicute detection in rectal swabs from men who have sex with men	Int J STD AIDS	10.1177/0956462416665060	Population (did not report data from PrEP users)
Creswell, 2012	HIV and STI control in El Salvador: Results from an integrated behavioural survey among men who have sex with men	Sexually Transmitted Infections	10.1136/sextrans-2012-050521	Population (did not report data from PrEP users)
Crowell, 2020	Anorectal and Urogenital Mycoplasma genitalium in Nigerian Men Who Have Sex With Men and Transgender Women: Prevalence, Incidence, and Association With HIV	Sexually Transmitted Diseases	10.1097/olq.0000000000001105	Population (did not report data from PrEP users)

Cusini, 2021	Trend of main STIs during COVID-19 pandemic in Milan, Italy	Sex Transm Infect	10.1136/sextrans-2020-054608	Population (did not report data from PrEP users)
Dabee, 2019	Defining characteristics of genital health in South African adolescent girls and young women at high risk for HIV infection	PLoS One	10.1371/journal.pone.0213975	Population (did not report data from PrEP users)
Daley, 2014	Mycoplasma genitalium and its resistance to azithromycin in incarcerated men from Far North Queensland	Sexual Health	10.1071/SH14147	Population (did not report data from PrEP users)
Dao, 2020	Risk factors for symptoms of infection and microbial carriage among French medical students abroad	International Journal of Infectious Diseases	10.1016/j.ijid.2020.08.075	Population (did not report data from PrEP users)
Datcu, 2013	Vaginal microbiome in women from Greenland assessed by microscopy and quantitative PCR	BMC Infectious Diseases	10.1186/1471-2334-13-480	Population (did not report data from PrEP users)
Dave, 2012	Women's health study of Mycoplasma genitalium: A feasibility study	Sexually Transmitted Infections	10.1136/sextrans-2012-050601c.41	Population (did not report data from PrEP users)
Dave, 2013	Mycoplasma genitalium prevalence and risk factors among young sexually active women in the general population and attending sexually transmitted infection clinics in London, UK	Sexually Transmitted Infections	10.1136/sextrans-2013-051184.0522	Population (did not report data from PrEP users)
Davis, 2019	Does voluntary medical male circumcision protect against sexually transmitted infections among men and women in real-world scale-up settings? Findings of a household survey in KwaZulu-Natal, South Africa	Bmj Global Health	10.1136/bmjgh-2019-001389	Population (did not report data from PrEP users)
Day, 2022	Detection of markers predictive of macrolide and fluoroquinolone resistance in Mycoplasma genitalium from patients attending sexual health services	Sex Transm Infect	10.1136/sextrans-2020-054897	Population (did not report data from PrEP users)
De Baetselier, 2018	High Level of macrolide resistance of mycoplasma genitalium found among MSM at high risk for HIV in a belgian PrEP demonstration project	AIDS Research and Human Retroviruses	10.1089/aid.2018.5000.abstracts	Population (duplicated)
De Baetselier, 2019	Prevalence of STIS among msm initiating prep in West-Africa (COHMSM-prep ANRS 12369-expertise France)	Sexually Transmitted Infections	10.1136/sextrans-2019-sti.617	Population (did not report data from PrEP users)
De Baetselier, 2021	An alarming high prevalence of resistance-associated mutations to macrolides and fluoroquinolones in Mycoplasma genitalium in Belgium: Results from samples collected between 2015 and 2018	Sexually Transmitted Infections	10.1136/sextrans-2020-054511	Outcome (report results in number of samples, not patients)
de Jong, 2016	Large two-centre study into the prevalence of Mycoplasma genitalium and Trichomonas vaginalis in the Netherlands	International Journal of STD and AIDS	10.1177/0956462415596496	Population (did not report data from PrEP users)
de La Cruz, 2015	The prevalence of mycoplasma genitalium in women with interstitial cystitis or chronic irritative urinary symptoms	Neurourology and Urodynamics	10.1002/nau.22738	Population (did not report data from PrEP users)
de Souza, 2021	Main etiological agents identified in 170 men with urethritis attended at the Fundação Alfredo da Matta, Manaus, Amazonas, Brazil	Anais Brasileiros de Dermatologia	10.1016/j.abd.2020.07.007	Population (did not report data from PrEP users)

de Walque, 2012	Incentivising safe sex: A randomised trial of conditional cash transfers for HIV and sexually transmitted infection prevention in rural Tanzania	BMJ Open	10.1136/bmjopen-2011-000747	Population (did not report data from PrEP users)
Deborde, 2019	High prevalence of Mycoplasma genitalium infection and macrolide resistance in patients enrolled in HIV pre-exposure prophylaxis program	Medecine et Maladies Infectieuses	10.1016/j.medmal.2019.03.007	Population (duplicated)
Deguchi, 2015	Drug resistance-associated mutations in mycoplasma genitalium in female sex workers, Japan	Emerging Infectious Diseases	10.3201/eid2106.142013	Population (did not report data from PrEP users)
Dehon, 2014	Mycoplasma genitalium infection is associated with microscopic signs of cervical inflammation in liquid cytology specimens	Journal of Clinical Microbiology	10.1128/JCM.00159-14	Population (did not report data from PrEP users)
del Prete, 2017	Simultaneous detection and identification of STI pathogens by multiplex Real-Time PCR in genital tract specimens in a selected area of Apulia, a region of Southern Italy	Infection	10.1007/s15010-017-1002-7	Population (did not report data from PrEP users)
des Marais, 2014	Home-based self-collection for the detection of sexually transmitted infections in high-risk women in North Carolina	Sexually Transmitted Diseases	NR	Population (did not report data from PrEP users)
des Marais, 2018	Home Self-Collection by Mail to Test for Human Papillomavirus and Sexually Transmitted Infections	Obstetrics and Gynecology	10.1097/AOG.0000000000002964	Population (did not report data from PrEP users)
Desdorf, 2021	Mycoplasma genitalium prevalence and macrolide resistance-associated mutations and coinfection with Chlamydia trachomatis in Southern Jutland, Denmark	APMIS	10.1111/apm.13174	Population (did not report data from PrEP users)
Dhawan, 2020	High prevalence of Mycoplasma genitalium in men who have sex with men: A cross-sectional study	Indian Journal of Dermatology, Venereology and Leprology	10.4103/ijdv.IJDVL_494_18	Population (did not report data from PrEP users)
Dionne-Odom, 2018	High prevalence of multidrug-resistant mycoplasma genitalium in human immunodeficiency virus-infected men who have sex with men in Alabama	Clinical Infectious Diseases	10.1093/cid/cix853	Population (did not report data from PrEP users)
Dirks, 2017	High mycoplasma genitalium prevalence in chlamydia trachomatis positive patients	Sexually Transmitted Infections	10.1136/sextrans-2017-053264.335	Population (did not report data from PrEP users)
Djomand, 2016	Prevalence and Correlates of Genital Infections among Newly Diagnosed Human Immunodeficiency Virus-Infected Adults Entering Human Immunodeficiency Virus Care in Windhoek, Namibia	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000513	Population (did not report data from PrEP users)
Donders, 2016	Screening for abnormal vaginal microflora by self-assessed vaginal pH does not enable detection of sexually transmitted infections in Ugandan women	Diagnostic Microbiology and Infectious Disease	10.1016/j.diagmicrobio.2015.12.018	Population (did not report data from PrEP users)
Donders, 2017	Mycoplasma/Ureaplasma infection in pregnancy: To screen or not to screen	Journal of Perinatal Medicine	10.1515/jpm-2016-0111	Population (did not report data from PrEP users)
Downey, 2015	Epidemiology of sexually transmitted infections in rural Haitian men	International Journal of STD and AIDS	10.1177/0956462414551236	Population (did not report data from PrEP users)
Drago, 2020	Common bacterial urogenital infections: a study on their aetiology and prevalence in a sexually transmitted infections centre	Journal of the European Academy of Dermatology and Venereology	10.1111/jdv.16504	Population (did not report data from PrEP users)

Duba, 2017	Detection of genital mycoplasmas in women visiting the infertility clinic of an academic hospital, pretoria, South Africa	Sexually Transmitted Infections	10.1136/sextrans-2017-053264.160	Population (did not report data from PrEP users)
Dubbink, 2016	Microbiological characteristics of chlamydia trachomatis and neisseria gonorrhoeae infections in South African women	Journal of Clinical Microbiology	10.1128/JCM.02848-15	Population (did not report data from PrEP users)
Dukers-Muijers, 2015	What is needed to guide testing for anorectal and pharyngeal Chlamydia trachomatis and Neisseria gonorrhoeae in women and men? Evidence and opinion	BMC Infectious Diseases	10.1186/s12879-015-1280-6	Population (did not report data from PrEP users)
Dumke, 2016	Emergence of Mycoplasma genitalium strains showing mutations associated with macrolide and fluoroquinolone resistance in the region Dresden, Germany	Diagnostic Microbiology and Infectious Disease	10.1016/j.diagmicrobio.2016.07.005	Population (did not report data from PrEP users)
Duron, 2018	Prevalence and risk factors of sexually transmitted infections among French service members	PLoS ONE	10.1371/journal.pone.0195158	Population (did not report data from PrEP users)
Ebel, 2015	Prevalence of Mycoplasma genitalium in France and comparison with Chlamydia trachomatis and Neisseria gonorrhoeae using transcriptionmediated amplification assays	International Journal of STD and AIDS	10.1177/0956462415601768	Population (did not report data from PrEP users)
Edlund, 2012	The spread of Mycoplasma genitalium among men who have sex with men	International Journal of STD and AIDS	10.1258/ijsa.2009.009411.	Population (did not report data from PrEP users)
Edouard, 2017	Mycoplasma genitalium, an agent of reemerging sexually transmitted infections	APMIS	10.1111/apm.12731	Population (did not report data from PrEP users)
Ekiel, 2013	Urogenital Mycoplasmas and Human Papilloma Virus in Hemodialysed Women	Scientific World Journal	10.1155/2013/659204	Population (did not report data from PrEP users)
Ekiel, 2016	Prevalence of Urogenital Mycoplasmas Among Men with NGU in Upper Silesia, Poland. Preliminary Study	Pol J Microbiol	10.5604/17331331.1197326	Population (did not report data from PrEP users)
El Beayni, 2021	Molecular prevalence of eight different sexually transmitted infections in a lebanese major tertiary care center: Impact on public health	International Journal of Molecular Epidemiology and Genetics	NR	Population (did not report data from PrEP users)
Esen, 2017	Ureaplasma urealyticum: Presence among Sexually Transmitted Diseases	Jpn J Infect Dis	10.7883/yoken.JJID.2015.258	Population (did not report data from PrEP users)
Ezeanya-Bakpa, 2021	Sequence analysis reveals asymptomatic infection with Mycoplasma hominis and Ureaplasma urealyticum possibly leads to infertility in females: A cross-sectional study	International Journal of Reproductive Biomedicine	10.18502/ijrm.v19i11.9910	Population (did not report data from PrEP users)
Ezeanya-Bakpa, 2022	Phylogeny-based identification of Mycoplasma genitalium in a Nigerian population of apparently healthy sexually active female students	Pan African Medical Journal	10.11604/pamj.2022.41.71.19631	Population (did not report data from PrEP users)
Fasciana, 2021	Socio-demographic characteristics and sexual behavioral factors of patients with sexually transmitted infections attending a hospital in southern Italy	International Journal of Environmental Research and Public Health	10.3390/ijerph18094722	Population (did not report data from PrEP users)
Feodorova, 2019	Enhanced prevalence of chlamydia trachomatis DNA in clinical samples of patients with STIS co-infection	Sexually Transmitted Infections	10.1136/sextrans-2019-sti.562	Population (did not report data from PrEP users)

Fernández-Huerta, 2020	Mycoplasma genitalium and fluoroquinolone resistance detection using a novel qPCR assay in Barcelona, Spain	Enfermedades Infecciosas y Microbiología Clínica	10.1016/j.eimc.2019.10.003	Population (did not report data from PrEP users)
Fernández-Huerta, 2020	Prevalence of Mycoplasma genitalium and macrolide resistance among asymptomatic people visiting a point of care service for rapid STI screening: A cross-sectional study	Sexually Transmitted Infections	10.1136/sextrans-2019-054124	Population (did not report data from PrEP users)
Ferré, 2019	Prevalence of human papillomavirus, human immunodeficiency virus, and other sexually transmitted infections among men who have sex with men in Togo: A national cross-sectional survey	Clinical Infectious Diseases	10.1093/cid/ciy1012	Population (did not report data from PrEP users)
Ferreux, 2018	Prevalence of Mycoplasma genitalium among infertile men, and sperm donors consulting in a French center for Assisted Reproduction	Human Reproduction	10.1093/humrep/33.Supplement_1.1	Population (did not report data from PrEP users)
Field, 2012	Testing for sexually transmitted infections in a population-based sexual health survey: Development of an acceptable ethical approach	Journal of Medical Ethics	10.1136/medethics-2011-100068	Population (did not report data from PrEP users)
Fifer, 2021	Frequency and Correlates of Mycoplasma genitalium Antimicrobial Resistance Mutations and Their Association With Treatment Outcomes: Findings From a National Sentinel Surveillance Pilot in England	Sexually transmitted diseases	10.1097/OLQ.0000000000001493	Population (did not report data from PrEP users)
Foronda-García-Hidalgo, 2019	Prevalence among males from the general population of agents responsible of not ulcerative genital tract infections, assisted in specialized care	Revista Espanola de Quimioterapia	NR	Population (did not report data from PrEP users)
Forslund, 2017	Mycoplasma genitalium and macrolide resistance-associated mutations in the Skåne Region of Southern Sweden 2015	Acta Dermato-Venereologica	10.2340/00015555-2746	Population (did not report data from PrEP users)
Foschi, 2018	Sexually transmitted rectal infections in a cohort of 'men having sex with men'	Journal of Medical Microbiology	10.1099/jmm.0.000781	Population (did not report data from PrEP users)
Fragoso, 2019	Sexually transmitted diseases clinic in a Portuguese Infectious Diseases unit	HIV Medicine	10.1111/hiv.12815	Population (did not report data from PrEP users)
Francis, 2019	Results from a cross-sectional sexual and reproductive health study among school girls in Tanzania: High prevalence of bacterial vaginosis	Sexually Transmitted Infections	10.1136/sextrans-2018-053680	Population (did not report data from PrEP users)
Frolound, 2018	The bacterial microbiota in first-void urine from men with and without idiopathic urethritis	Plos One	10.1371/journal.pone.0201380	Population (did not report data from PrEP users)
Frolound, 2019	Detection of ureaplasmas and bacterial vaginosis associated bacteria and their association with non-gonococcal urethritis in men	Plos One	10.1371/journal.pone.0214425	Population (did not report data from PrEP users)
Frolova, 2013	Preconception risk factors in young healthy women: Cross-sectional study	BJOG: An International Journal of Obstetrics and Gynaecology	10.1111/1471-0528.12294	Population (did not report data from PrEP users)
Gabster, 2019	High prevalence of cervico-vaginal infections among female adolescents in four urban regions of Panama	Sexually Transmitted Infections	10.1136/sextrans-2019-sti.178	Population (did not report data from PrEP users)

García-González, 2017	Prevalence of sexually transmitted infections in symptomatic and asymptomatic patients from Yucatan	Revista del Laboratorio Clínico	10.1016/j.labcli.2017.02.003	Population (did not report data from PrEP users)
Gaydos, 2019	Molecular Testing for Mycoplasma genitalium in the United States: Results from the AMES Prospective Multicenter Clinical Study	Journal of Clinical Microbiology	10.1128/jcm.01125-19	Population (did not report data from PrEP users)
Gesink-Law, 2010	MYCOPLASMA GENITALIUM IN GREENLAND: PREVALENCE, MACROLIDE RESISTANCE, ETHICAL CONSIDERATIONS, AND POLICY IMPLICATIONS	International Journal of Circumpolar Health	NR	Population (did not report data from PrEP users)
Gesink, 2012	Mycoplasma genitalium presence, resistance and epidemiology in Greenland	International journal of circumpolar health	NR	Population (did not report data from PrEP users)
Gesink, 2016	Mycoplasma genitalium in Toronto, Ont: Estimates of prevalence and macrolide resistance	Canadian Family Physician	NR	Population (did not report data from PrEP users)
Getman, 2016	Mycoplasma genitalium prevalence, coinfection, and macrolide antibiotic resistance frequency in a multicenter clinical study cohort in the United States	Journal of Clinical Microbiology	10.1128/JCM.01053-16	Population (did not report data from PrEP users)
Getman, 2022	Distribution of Macrolide Resistant Mycoplasma genitalium in Urogenital Tract Specimens from Women Enrolled in a US Clinical Study Cohort	Clinical Infectious Diseases	10.1093/cid/ciac602	Population (did not report data from PrEP users)
Gohil, 2021	MYCOPLASMA GENITALIUM: THE MOST PREVALENT STI IN SASKATCHEWAN, CANADA, HAS A HIGH PREVALENCE OF RESISTANCE TO MACROLIDES AND FLUOROQUINOLONES	Sexually Transmitted Infections	10.1136/sextrans-2021-sti.305	Population (did not report data from PrEP users)
Goller, 2017	Characteristics of pelvic inflammatory disease where no sexually transmitted infection is identified: A cross-sectional analysis of routinely collected sexual health clinic data	Sexually Transmitted Infections	10.1136/sextrans-2016-052553	Population (did not report data from PrEP users)
Goller, 2019	Trends in diagnosis of pelvic inflammatory disease in an Australian sexual health clinic, 2002-16: Before and after clinical audit feedback	Sexual Health	10.1071/SH18119	Population (did not report data from PrEP users)
Gomih-Alakija, 2014	Clinical characteristics associated with mycoplasma genitalium among female sex workers in nairobi, Kenya	Journal of Clinical Microbiology	10.1128/JCM.00850-14	Population (did not report data from PrEP users)
Gonah, 2017	Mycoplasma genitalium-testing and treating in a level 2 primary care service	Sexually Transmitted Infections	10.1136/sextrans-2017-053232.67	Population (did not report data from PrEP users)
Gong, 2019	Coping with Risk: Negative Shocks, Transactional Sex, and the Limitations of Conditional Cash Transfers	Journal of Health Economics	10.1016/j.jhealeco.2019.06.006	Population (did not report data from PrEP users)
Gottesman, 2017	Prevalence of Mycoplasma genitalium in men with urethritis and in high risk asymptomatic males in Tel Aviv: a prospective study	International Journal of STD and AIDS	10.1177/0956462416630675	Population (did not report data from PrEP users)
Gragg, 2021	Mycoplasma genitalium Infection in Young Women Without Urogenital Symptoms Presenting to a Community-Based Emergency Department in Birmingham, Alabama	Sexually transmitted diseases	10.1097/OLQ.0000000000001227	Population (did not report data from PrEP users)
Gratrix, 2017	Prevalence and antibiotic resistance of Mycoplasma genitalium among STI clinic attendees in Western Canada: A cross-sectional analysis	BMJ Open	10.1136/bmjopen-2017-016300	Population (did not report data from PrEP users)

Gravitt, 2016	Prevalence of sexually transmitted infections and coinfection in a population-based sample of women attending cervical cancer screening in New Mexico, United States of America	Open Forum Infectious Diseases	10.1093/ofid/ofw172.1003	Population (did not report data from PrEP users)
Guiraud, 2022	Molecular Typing Reveals Distinct Mycoplasma genitalium Transmission Networks among a Cohort of Men Who Have Sex with Men and a Cohort of Women in France	Microorganisms	10.3390/microorganisms10081587	Population (did not report data from PrEP users)
Gumede, 2017	Predictors of sexually transmitted coinfections in women presenting with bacterial vaginosis to primary healthcare facilities in South Africa	Sexually Transmitted Infections	10.1136/sextrans-2017-053264.370	Population (did not report data from PrEP users)
Gundevia, 2015	Positivity at test of cure following first-line treatment for genital Mycoplasma genitalium: Follow-up of a clinical cohort	Sexually Transmitted Infections	10.1136/sextrans-2014-051616	Population (did not report data from PrEP users)
Guschin, 2022	Sexually transmitted co-infections in men who have sex with men	Klinicheskaya Dermatologiya i Venerologiya	10.17116/klinderma202221041502	Population (did not report data from PrEP users)
Hagemann, 2014	Sexually transmitted infections among women attending a Norwegian Sexual Assault Centre	Sexually Transmitted Infections	10.1136/sextrans-2013-051328	Population (did not report data from PrEP users)
Haggerty, 2014	Pelvic inflammatory disease: Clinical trends and improving imprecision	Sexually Transmitted Diseases	NR	Population (did not report data from PrEP users)
Haggerty, 2020	Presence and Concentrations of Select Bacterial Vaginosis-Associated Bacteria Are Associated with Increased Risk of Pelvic Inflammatory Disease	Sexually Transmitted Diseases	10.1097/OLQ.0000000000001164	Population (did not report data from PrEP users)
Hahn, 2021	Testing as prevention of resistance in bacteria causing sexually transmitted infections—a population-based model for Germany	Antibiotics	10.3390/antibiotics10080929	Population (did not report data from PrEP users)
Ham, 2015	HIV and STIs among transgendered populations: Four country survey from central America	Topics in Antiviral Medicine	NR	Population (did not report data from PrEP users)
Hamill, 2021	Ugandan men with urethritis, what can diagnostic certainty tell us?	Sexually Transmitted Infections	10.1136/sextrans-2021-sti.323	Population (did not report data from PrEP users)
Hamill, 2022	High burden of untreated syphilis, drug resistant Neisseria gonorrhoeae, and other sexually transmitted infections in men with urethral discharge syndrome in Kampala, Uganda	BMC Infect Dis	10.1186/s12879-022-07431-1	Population (did not report data from PrEP users)
Hammer, 2021	Burden of Mycoplasma genitalium and Bacterial Coinfections in a Population-Based Sample in New Mexico	Sexually transmitted diseases	10.1097/OLQ.0000000000001472	Population (did not report data from PrEP users)
Han, 2015	Unusually low prevalence of mycoplasma genitalium and trichomonas vaginalis in urine samples from Chinese women attending a centre of prenatal diagnosis	Sexually Transmitted Infections	10.1136/sextrans-2015-052270.389	Population (did not report data from PrEP users)
Han, 2021	Rectal mycoplasma genitalium in patients attending sexually transmitted disease clinics in China: An infection that cannot be ignored	Infection and Drug Resistance	10.2147/IDR.S314775	Population (did not report data from PrEP users)
Hanna, 2020	Molecular epidemiology and socio-demographic risk factors of sexually transmitted infections among women in Lebanon	BMC Infectious Diseases	10.1186/s12879-020-05066-8	Population (did not report data from PrEP users)

Harling, 2020	Effect of weighting for sampling and non-response on estimates of STI prevalence in the third British National Survey of Sexual Attitudes and Lifestyles (Natsal-3)	Sexually Transmitted Infections	10.1136/sextrans-2019-054342	Population (did not report data from PrEP users)
Harrison, 2019	Impact of mass drug administration of azithromycin for trachoma elimination on prevalence and azithromycin resistance of genital <i>Mycoplasma genitalium</i> infection	Sexually Transmitted Infections	10.1136/sextrans-2018-053938	Population (did not report data from PrEP users)
Harrison, 2019	<i>Mycoplasma genitalium</i> Coinfection in Women With Chlamydia trachomatis Infection	Sexually Transmitted Diseases	10.1097/OLQ.0000000000001028	Population (did not report data from PrEP users)
Hart, 2020	<i>Mycoplasma genitalium</i> in Singapore is associated with Chlamydia trachomatis infection and displays high macrolide and Fluoroquinolone resistance rates	BMC Infectious Diseases	10.1186/s12879-020-05019-1	Population (did not report data from PrEP users)
Hay, 2015	Prevalence and macrolide resistance of <i>mycoplasma genitalium</i> in South African women	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000246	Population (did not report data from PrEP users)
Hay, 2016	Which sexually active young female students are most at risk of pelvic inflammatory disease? A prospective study	Sex Transm Infect	10.1136/sextrans-2015-052063	Population (did not report data from PrEP users)
Henning, 2014	Asymptomatic <i>Mycoplasma genitalium</i> infection amongst marginalised young people accessing a youth health service in Melbourne	International Journal of STD and AIDS	10.1177/0956462413502317	Population (did not report data from PrEP users)
Henning, 2021	Homelessness, sex and a tale of two sexually transmitted infections	International Journal of STD and AIDS	10.1177/0956462420958904	Population (did not report data from PrEP users)
Hernandez, 2011	High incidence of HIV and low HIV prevention coverage among men who have sex with men in Managua, Nicaragua	Sexually Transmitted Infections	10.1136/sextrans-2011-050108.112	Population (did not report data from PrEP users)
Hetem, 2021	High prevalence and resistance rates of <i>Mycoplasma genitalium</i> among patients visiting two sexually transmitted infection clinics in the Netherlands	International Journal of STD and AIDS	10.1177/0956462421999287	Population (did not report data from PrEP users)
Hilmarsdóttir, 2020	Prevalence of <i>mycoplasma genitalium</i> and antibiotic resistance-associated mutations in patients at a sexually transmitted infection clinic in Iceland, and comparison of the s-diamgtv and aptima <i>mycoplasma genitalium</i> assays for diagnosis	Journal of Clinical Microbiology	10.1128/JCM.01084-20	Population (did not report data from PrEP users)
Hoffman, 2019	Provision of Sexually Transmitted Infection Services in a Mobile Clinic Reveals High Unmet Need in Remote Areas of South Africa: A Cross-sectional Study	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000931	Population (did not report data from PrEP users)
Hokynar, 2018	Prevalence of <i>Mycoplasma genitalium</i> and mutations associated with macrolide and fluoroquinolone resistance in Finland	International Journal of STD and AIDS	10.1177/0956462418764482	Population (did not report data from PrEP users)
Homfray, 2015	Male circumcision and STI acquisition in Britain: Evidence from a national probability sample survey	PLoS ONE	10.1371/journal.pone.0130396	Population (did not report data from PrEP users)
Horseman, 2021	Prevalence and Epidemiology of <i>Mycoplasma genitalium</i> in a Pacific-Region Military Population	Sexually Transmitted Diseases	10.1097/OLQ.0000000000001393	Population (did not report data from PrEP users)

Howard, 2022	AUDIT OF MYCOPLASMA GENITALIUM MANAGEMENT: CHALLENGES IN A LONDON CLINIC	Sexually Transmitted Infections	10.1136/sextrans-BASHH-2022.113	Population (did not report data from PrEP users)
Htun, 2022	CHARACTERISTICS OF MYCOPLASMA GENITALIUM IN A UK SEXUAL HEALTH CLINIC	Sexually Transmitted Infections	10.1136/sextrans-BASHH-2022.114	Outcome (report results in number of samples, not patients)
Htun, 2022	REVIEW OF MYCOPLASMA GENITALIUM POSITIVE CASES IN A UK SEXUAL HEALTH CLINIC	Sexually Transmitted Infections	10.1136/sextrans-BASHH-2022.20	Population (did not report the number of patients on PrEP)
Hu, 2022	Prevalence of Mycoplasma Genitalium Infection and Resistance in Pregnant Women	American Journal of Obstetrics and Gynecology	10.1016/j.ajog.2021.11.1283	Population (did not report data from PrEP users)
Huppert, 2013	Abnormal Vaginal pH and Mycoplasma genitalium Infection	Journal of Pediatric and Adolescent Gynecology	10.1016/j.jpog.2012.09.005	Population (did not report data from PrEP users)
Ikonomidis, 2016	Prevalence of Chlamydia trachomatis, Ureaplasma spp., Mycoplasma genitalium and Mycoplasma hominis among outpatients in central Greece: Absence of tetracycline resistance gene tet(M) over a 4-year period study	New Microbes and New Infections	10.1016/j.nmni.2015.11.005	Population (did not report data from PrEP users)
Ito, 2012	Prevalence of genital mycoplasmas and ureaplasmas in men younger than 40 years-of-age with acute epididymitis	International Journal of Urology	10.1111/j.1442-2042.2011.02917.x	Population (did not report data from PrEP users)
Ito, 2014	Prevalence of genital mycoplasmas in asymptomatic male partners of women diagnosed as having chlamydial infections	Journal of Infection and Chemotherapy	10.1016/j.jiac.2013.07.011	Population (did not report data from PrEP users)
Ito, 2016	Male non-gonococcal urethritis: From microbiological etiologies to demographic and clinical features	Int J Urol	10.1111/iju.13044	Population (did not report data from PrEP users)
Jalal, 2013	Molecular epidemiology of selected sexually transmitted infections	International Journal of Molecular Epidemiology and Genetics	NR	Population (did not report data from PrEP users)
Jary, 2021	Prevalence of cervical HPV infection, sexually transmitted infections and associated antimicrobial resistance in women attending cervical cancer screening in Mali	International Journal of Infectious Diseases	10.1016/j.ijid.2021.06.024	Population (did not report data from PrEP users)
Jenniskens, 2017	Routine testing of Mycoplasma genitalium and Trichomonas vaginalis	Infectious Diseases	10.1080/23744235.2017.1290271	Population (did not report data from PrEP users)
Jensen, 2013	Chlamydia trachomatis, Mycoplasma genitalium and Ureaplasma urealyticum among students in northern Norway	Journal of the European Academy of Dermatology and Venereology	10.1111/j.1468-3083.2012.04528.x	Population (did not report data from PrEP users)
Jiang, 2015	The prevalence of mycoplasma genitalium and chlamydia trachomatis at various anatomical sites of men who have sex with men in five cities of china	Sexually Transmitted Infections	10.1136/sextrans-2015-052270.93	Population (did not report data from PrEP users)
Jin, 2021	Human papillomavirus prevalence in urine samples of asymptomatic male sexual partners of women with sexually transmitted diseases	International Journal of Environmental Research and Public Health	10.3390/ijerph182111706	Population (did not report data from PrEP users)

Jobe, 2014	Epidemiology of sexually transmitted infections in rural southwestern Haiti: The grand'anse women's health study	American Journal of Tropical Medicine and Hygiene	10.4269/ajtmh.13-0762	Population (did not report data from PrEP users)
Johnston, 2012	High prevalence of Mycoplasma genitalium among female sex workers in honduras: Implications for the spread of HIV and other sexually transmitted infections	International Journal of STD and AIDS	10.1258/ijsa.2009.009446	Population (did not report data from PrEP users)
Jonduo, 2022	Mycoplasma genitalium macrolide and fluoroquinolone resistance in pregnant women in Papua New Guinea	Sexually Transmitted Infections	10.1136/sextrans-2022-055552	Population (did not report data from PrEP users)
Jordan, 2019	Prevalence and etiology of post-azithromycin persistent non-gonococcal urethritis (NGU) symptoms in men	Sexually Transmitted Infections	10.1136/sextrans-2019-sti.849	Population (did not report data from PrEP users)
Jordan, 2020	Aetiology and prevalence of mixed-infections and mono-infections in non-gonococcal urethritis in men: A case-control study	Sexually Transmitted Infections	10.1136/sextrans-2019-054121	Population (did not report data from PrEP users)
Juliana, 2020	The prevalence of chlamydia trachomatis and three other non-viral sexually transmitted infections among pregnant women in pemba island tanzania	Pathogens	10.3390/pathogens9080625	Population (did not report data from PrEP users)
Juliana, 2021	The Natural Course of Chlamydia trachomatis, Neisseria gonorrhoeae, Trichomonas vaginalis, and Mycoplasma genitalium in Pregnant and Post-Delivery Women in Pemba Island, Tanzania	Microorganisms	10.3390/microorganisms9061180	Population (did not report data from PrEP users)
Juliana, 2021	Vaginal microbiota characteristics and genital infections among pregnant women in Pemba Island, Tanzania	Sexually Transmitted Infections	10.1136/sextrans-2021-sti.179	Population (did not report data from PrEP users)
Justel, 2015	Vertical transmission of bacterial eye infections, Angola, 2011-2012	Emerg Infect Dis	10.3201/eid2103.140312	Population (did not report data from PrEP users)
Kaida, 2016	High burden of asymptomatic genital tract infections among sexually active South African youth: considerations for HIV prevention programs	AIDS Research and Human Retroviruses	10.1089/aid.2016.5000.abstracts	Population (did not report data from PrEP users)
Kaida, 2018	A high burden of asymptomatic genital tract infections undermines the syndromic management approach among adolescents and young adults in South Africa: Implications for HIV prevention efforts	BMC Infectious Diseases	10.1186/s12879-018-3380-6	Population (did not report data from PrEP users)
Karim, 2021	Bacterial sexually transmitted infections and syndromic approach: a study conducted on women at Moroccan University Hospital	GERMS	10.18683/germs.2021.1289	Population (did not report data from PrEP users)
Kazemian, 2022	The prevalence of gonococcal and non-gonococcal infections in women referred to obstetrics and gynecology clinics	Infezioni in Medicina	10.53854/liim-3002-10	Population (did not report data from PrEP users)
Kenyon, 2021	The Population-Level Effect of Screening for Mycoplasma genitalium on Antimicrobial Resistance: A Quasi-Experimental Study	Sexually Transmitted Diseases	10.1097/OLQ.0000000000001404	Outcome
Kharsany, 2020	Population prevalence of sexually transmitted infections in a high HIV burden district in KwaZulu-Natal, South Africa: Implications for HIV epidemic control	International Journal of Infectious Diseases	10.1016/j.ijid.2020.06.046	Population (did not report data from PrEP users)
Khatib, 2015	Prevalence of Trichomonas vaginalis, Mycoplasma genitalium and Ureaplasma urealyticum in men with urethritis attending an urban sexual health clinic	International Journal of STD and AIDS	10.1177/0956462414539464	Population (did not report data from PrEP users)

Khatab, 2016	Study of the prevalence and association of ocular chlamydial conjunctivitis in women with genital infection by Chlamydia trachomatis, Mycoplasma genitalium and Candida albicans attending outpatient clinic	International Journal of Ophthalmology	10.18240/ijo.2016.08.15	Population (did not report data from PrEP users)
Khosropour, 2014	Suboptimal adherence to doxycycline and treatment outcomes among men with non-gonococcal urethritis: A prospective cohort study	Sexually Transmitted Infections	10.1136/sextrans-2013-051174	Population (did not report data from PrEP users)
Khosropour, 2020	High Prevalence of Vaginal and Rectal Mycoplasma genitalium Macrolide Resistance among Female Sexually Transmitted Disease Clinic Patients in Seattle, Washington	Sexually Transmitted Diseases	10.1097/OLQ.0000000000001148	Population (did not report data from PrEP users)
Khryanin, 2011	The detection rate of chlamydia trachomatis and mycoplasma genitalium infections in std clinics in novosibirsk, Russian federation	Sexually Transmitted Infections	10.1136/sextrans-2011-050108.5	Population (did not report data from PrEP users)
Khryanin, 2012	Detection rates of Mycoplasma genitalium and Chlamydia trachomatis infections in Novosibirsk, Siberia, in 2010-2011	Sex Transm Infect	10.1136/sextrans-2012-050596	Population (did not report data from PrEP users)
Kim, 2011	The prevalence and clinical significance of urethritis and cervicitis in asymptomatic people by use of multiplex polymerase chain reaction	Korean Journal of Urology	10.4111/kju.2011.52.10.703	Population (did not report data from PrEP users)
Kim, 2013	Epidemiological trends of sexually transmitted infections among women in cheonan, south korea, 2006-2012	Journal of Microbiology and Biotechnology	10.4014/jmb.1306.06055	Population (did not report data from PrEP users)
Kim, 2013	The prevalence of sexually transmitted infections detected by nucleic acid amplification tests in symptomatic patients and asymptomatic volunteers	International Journal of Antimicrobial Agents	10.1016/S0924-8579(13)70455-2	Population (did not report data from PrEP users)
Kim, 2014	Prevalence of sexually transmitted infections among healthy Korean women: Implications of multiplex PCR pathogen detection on antibiotic therapy	Journal of Infection and Chemotherapy	10.1016/j.jiac.2013.08.005	Population (did not report data from PrEP users)
Kim, 2017	Effects of infections with five sexually transmitted pathogens on sperm quality	Clinical and Experimental Reproductive Medicine-Cerm	10.5653/cerm.2017.44.4.207	Population (did not report data from PrEP users)
Kim, 2017	The prevalence of causative organisms of community-acquired urethritis in an age group at high risk for sexually transmitted infections in Korean Soldiers	Journal of the Royal Army Medical Corps	10.1136/jramc-2015-000488	Population (did not report data from PrEP users)
Kim, 2018	Co-infection Of Ureaplasma urealyticum And Human Papilloma Virus In Asymptomatic Sexually Active Individuals	International Journal of Medical Sciences	10.7150/ijms.26523	Population (did not report data from PrEP users)
Kim, 2019	Sexual behavior and sexually transmitted infection in the elderly population of south korea	Investigative and Clinical Urology	10.4111/icu.2019.60.3.202	Population (did not report data from PrEP users)
Kitaya, 2016	Chronic Endometritis: Potential Cause of Infertility and Obstetric and Neonatal Complications	American Journal of Reproductive Immunology	10.1111/aji.12438	Population (did not report data from PrEP users)
Klavs, 2019	Prevalence of chlamydia, Gonorrhoea, M. Genitalium and T. Vaginalis in the general population of Slovenia, 2016-2017	Sexually Transmitted Infections	10.1136/sextrans-2019-sti.472	Population (did not report data from PrEP users)

Klavs, 2022	Prevalence of sexually transmitted infections with Chlamydia trachomatis, Neisseria gonorrhoeae, Mycoplasma genitalium and Trichomonas vaginalis: findings from the National Survey of Sexual Lifestyles, Attitudes and Health, Slovenia, 2016 to 2017	Euro surveillance : bulletin Europeen sur les maladies transmissibles = European communicable disease bulletin	10.2807/1560-7917.ES.2022.27.14.2100284	Population (did not report data from PrEP users)
Klein, 2019	Relationship between the Cervical Microbiome, HIV Status, and Precancerous Lesions	Mbio	10.1128/mbio.02785-18	Population (did not report data from PrEP users)
Klein, 2020	Mycoplasma co-infection is associated with cervical cancer risk	Cancers	10.3390/cancers12051093	Population (did not report data from PrEP users)
Klepac, 2021	Prevalence of and risk factors for sexually transmitted infection with Chlamydia trachomatis to guide control measures: findings from the Slovenian National Survey of Sexual Lifestyles, Attitudes, and Health in 2016–2017	Acta Dermatovenerologica Alpina, Pannonica et Adriatica	10.15570/actaapa.2021.34	Population (did not report data from PrEP users)
Kofler, 2020	The role of hpv and non-hpv sexually transmitted infections in patients with oropharyngeal carcinoma: A case control study	Cancers	10.3390/cancers12051192	Population (did not report data from PrEP users)
Kogoj, 2018	Epidemiology of Chlamydia trachomatis, Neisseria gonorrhoeae, and urogenital mycoplasma infections in central Slovenia	Clinical Chemistry and Laboratory Medicine	10.1515/cclm-2018-0281	Population (did not report data from PrEP users)
Korhonen, 2019	The Prevalence of HSV, HHV-6, HPV and Mycoplasma genitalium in Chlamydia trachomatis positive and Chlamydia trachomatis Negative Urogenital Samples among Young Women in Finland	Pathogens	10.3390/pathogens8040276	Population (did not report data from PrEP users)
Kostera, 2020	Demographics and population epidemiology of mycoplasma genitalium infection: Correlation to co-infection and prior STI history	Open Forum Infectious Diseases	10.1093/ofid/ofaa439.1712	Population (did not report data from PrEP users)
Kostera, 2021	Prevalence and epidemiological factors associated with trichomonas vaginalis infection in a us multicenter STI clinical study	Sexually Transmitted Infections	10.1136/sextrans-2021-sti.233	Population (did not report data from PrEP users)
Kriesel, 2016	Multiplex PCR testing for nine different sexually transmitted infections	Int J STD AIDS	10.1177/0956462415615775	Population (did not report data from PrEP users)
Krotik, 2021	CHARACTERISTICS OF THE VAGINAL MICROBIOTA, CERVICAL AND UTERINE FLORA IN WOMEN WITH THE PAST HISTORY OF SEXUALLY TRANSMITTED INFECTIONS	Wiadomosci lekarskie (Warsaw, Poland : 1960)	10.36740/wlek202104116	Population (did not report data from PrEP users)
Kufa, 2018	The demographic and clinical profiles of women presenting with vaginal discharge syndrome at primary care facilities in South Africa: Associations with age and implications for management	S. Afr. med. j. (Online)	NR	Population (did not report data from PrEP users)
Kularatne, 2022	Etiological Surveillance of Male Urethritis Syndrome in South Africa: 2019 to 2020	Sexually Transmitted Diseases	10.1097/OLQ.0000000000001647	Population (did not report data from PrEP users)
Kumar, 2011	Aetiology of urethral discharge syndrome and its association with sexual practices among males attending STI clinics in India	Sexually Transmitted Infections	10.1136/sextrans-2011-050108.420	Population (did not report data from PrEP users)
Kwan, 2022	Frequency of sexually transmitted organisms in pelvic infections and their response to treatment	Medical Journal of Malaysia	NR	Population (did not report data from PrEP users)

Kye-Hyun, 2012	Vaginal Candida and Microorganisms Related to Sexual Transmitted Diseases in Women with Symptoms of Vaginitis	Korean Journal of Clinical Microbiology	NR	Population (did not report data from PrEP users)
Lallemand, 2015	Prevalence of mycoplasma genitalium in patients visiting HIV counselling institutions in north-rhine-westphalia, Germany (STI-hit study)	Sexually Transmitted Infections	10.1136/sextrans-2015-052270.391	Population (did not report data from PrEP users)
Lapii, 2019	Ultrastructural Analysis of Urethral Polyps against the Background of Urogenital Infection	Bull Exp Biol Med	10.1007/s10517-019-04625-7	Population (did not report data from PrEP users)
Latif, 2020	Relationship between lead contaminations with the cervical inflammatory in iraqi women of baghdad	Biochemical and Cellular Archives	NR	Population (did not report data from PrEP users)
Latimer, 2019	Clinical Features and Therapeutic Response in Women Meeting Criteria for Presumptive Treatment for Pelvic Inflammatory Disease Associated with Mycoplasma genitalium	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000924	Population (did not report data from PrEP users)
Latimer, 2019	Extragenital mycoplasma genitalium infections amongst men who have sex with men	Sexually Transmitted Infections	10.1136/sextrans-2019-sti.115	Outcome (report results in number of samples, not patients)
Latimer, 2021	The clinical indications for testing women for Mycoplasma genitalium	Sexually Transmitted Infections	10.1136/sextrans-2020-054818	Population (did not report data from PrEP users)
Lau, 2021	A cross-sectional study on the relationship between endocervical polymorphonuclear cell counts and chlamydial cervicitis in female patients in Hong Kong	Hong Kong Journal of Dermatology & Venereology	NR	Population (did not report data from PrEP users)
Le Roux, 2017	PREVALENCE AND MOLECULAR ANALYSIS OF MYCOPLASMA GENITALIUM STRAINS ISOLATED FROM PREGNANT WOMEN AT AN ACADEMIC HOSPITAL IN PRETORIA, SOUTH AFRICA	Sexually Transmitted Infections	10.1136/sextrans-2017-053264.145	Population (did not report data from PrEP users)
Le Roux, 2017	Quantitative Real-Time Polymerase Chain Reaction for the Diagnosis of Mycoplasma genitalium Infection in South African Men with and Without Symptoms of Urethritis	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000540	Population (did not report data from PrEP users)
Le Roy, 2016	Fluoroquinolone-resistant mycoplasma genitalium, Southwestern France	Emerging Infectious Diseases	10.3201/eid2209.160446	Population (did not report data from PrEP users)
Le, 2017	The detection of microorganisms related to urethritis from the oral cavity of male patients with urethritis	Journal of Infection and Chemotherapy	10.1016/j.jiac.2017.06.011	Population (did not report data from PrEP users)
Le, 2022	Ureaplasma urealyticum and Mycoplasma genitalium detection and sperm quality: A cross-sectional study in Vietnam	International Journal of Reproductive BioMedicine	10.18502/ijrm.v20i3.10710	Population (did not report data from PrEP users)
Lee, 2016	The evaluation and risk assessment of sexually transmitted disease in Korean adolescents at risk	International Journal of Infectious Diseases	10.1016/j.ijid.2016.02.465	Population (did not report data from PrEP users)
Lee, 2021	Emergence of antibiotic-resistant Mycoplasma genitalium as the cause of non-gonococcal urethritis in male patients at a sexually transmitted infection clinic	Int J Antimicrob Agents	10.1016/j.ijantimicag.2021.106510	Population (did not report data from PrEP users)
Lee, 2022	Performance of two commercial multiplex polymerase chain reaction assays for the etiological diagnosis of sexually transmitted infections among men who have sex with men	Journal of microbiology, immunology, and infection = Wei mian yu gan ran za zhi	10.1016/j.jmii.2022.08.009	Population (did not report data from PrEP users)

Lee, NR	Coinfections with multiple sexually transmitted pathogens in Republic of Korea, 2018-2020	Journal of Clinical Laboratory Analysis	10.1002/jcla.24682	Population (did not report data from PrEP users)
Lefebvre, 2017	Prevalence of mycoplasma genitalium infection and relationship with symptoms among adults attending a sexual health centre	Acta Dermato-Venereologica	10.2340/00015555-2585	Population (did not report data from PrEP users)
Leli, 2018	Prevalence of cervical colonization by Ureaplasma parvum, Ureaplasma urealyticum, Mycoplasma hominis and Mycoplasma genitalium in childbearing age women by a commercially available multiplex real-time PCR: An Italian observational multicentre study	Journal of Microbiology, Immunology and Infection	10.1016/j.jmii.2017.05.004	Population (did not report data from PrEP users)
Leon, 2016	Molecular detection of sexually transmitted agents in a symptomatic group of men and its relationship with sexual behavior	Revista Chilena De Infectologia	10.4067/s0716-10182016000500003	Population (did not report data from PrEP users)
Lewis, 2011	Trends in the aetiology of sexually transmitted infections and HIV coinfections among STI patients attending alexandra health centre, Johannesburg, South Africa (2007-2010)	Sexually Transmitted Infections	10.1136/sextrans-2011-050108.9	Population (did not report data from PrEP users)
Lewis, 2012	Prevalence and associations of genital ulcer and urethral pathogens in men presenting with genital ulcer syndrome to primary health care clinics in South Africa	Sexually Transmitted Diseases	10.1097/OLQ.0b013e318269cf90	Population (did not report data from PrEP users)
Lewis, 2013	Trends and associations of Neisseria Gonorrhoeae infection in men and women with genital discharge syndromes in Johannesburg, South Africa	Sexually Transmitted Infections	10.1136/sextrans-2013-051184.0739	Population (did not report data from PrEP users)
Lewis, 2019	Estimating population burden of pelvic inflammatory disease due to mycoplasma genitalium in England: An evidence synthesis	Sexually Transmitted Infections	10.1136/sextrans-2019-sti.671	Population (did not report data from PrEP users)
Lewis, 2020	Incidence of pelvic inflammatory disease associated with mycoplasma genitalium infection: Evidence synthesis of cohort study data	Clinical Infectious Diseases	10.1093/cid/ciaa419	Population (did not report data from PrEP users)
Li, 2018	THE HIGH MACROLIDE RESISTANCE IN GENITAL TRACT INFECTION OF CHINESE INFERTILE POPULATION SHOULD RECEIVE MORE ATTENTION	Fertility and Sterility	NR	Population (did not report data from PrEP users)
Li, 2020	Mycoplasma genitalium in symptomatic male urethritis: Macrolide use is associated with increased resistance	Clinical Infectious Diseases	10.1093/cid/ciz294	Population (did not report data from PrEP users)
Li, 2020	Mycoplasma genitalium incidence, treatment failure, and resistance: a retrospective survey of men of infertile couples from a hospital in China	Andrology	10.1111/andr.12646	Population (did not report data from PrEP users)
Li, NR	Rapid Detection of Antimicrobial Resistance in Mycoplasma genitalium by High-Resolution Melting Analysis with Unlabeled Probes	Microbiology Spectrum	10.1128/spectrum.01014-22	Population (did not report data from PrEP users)
Libois, 2015	Prevalence of Mycoplasma genitalium in men with urethritis in a large hospital in Brussels, Belgium	International Journal of STD and AIDS	10.1177/0956462415601768	Population (did not report data from PrEP users)
Libois, 2018	Prevalence of Mycoplasma genitalium in men with urethritis in a large public hospital in Brussels, Belgium: An observational, cross-sectional study	Plos One	10.1371/journal.pone.0196217	Population (did not report data from PrEP users)

Lillis, 2011	Utility of Urine, Vaginal, Cervical, and Rectal Specimens for Detection of Mycoplasma genitalium in Women	Journal of Clinical Microbiology	10.1128/jcm.00129-11	Population (did not report data from PrEP users)
Lillis, 2019	Mycoplasma genitalium Infections in Women Attending a Sexually Transmitted Disease Clinic in New Orleans	Clinical Infectious Diseases	10.1093/cid/ciy922	Population (did not report data from PrEP users)
Lima, 2018	Sexually Transmitted Infections Detected by Multiplex Real Time PCR in Asymptomatic Women and Association with Cervical Intraepithelial Neoplasia	Revista Brasileira De Ginecologia E Obstetricia	10.1055/s-0038-1669994	Population (did not report data from PrEP users)
Limin, 2012	Clinical analysis of mycoplasma infection and female associated diseases	Chinese Journal of Postgraduates of Medicine	NR	Full text not found
Liu, 2020	HIV prevalence among 338,432 infertile individuals in Hunan, China, 2012-2018: A cross-sectional study	PLoS ONE	10.1371/journal.pone.0238564	Population (did not report data from PrEP users)
Liu, 2022	Analysis of Ureaplasma urealyticum, Chlamydia trachomatis, Mycoplasma genitalium and Neisseria gonorrhoeae infections among obstetrics and gynecological outpatients in southwest China: a retrospective study	BMC Infectious Diseases	10.1186/s12879-021-06966-z	Population (did not report data from PrEP users)
Ljubin-Sternak, 2014	Mycoplasma genitalium – Sexually transmitted pathogen that cannot be ignored	Infektoloski Glasnik	NR	Population (did not report data from PrEP users)
Ljubin-Sternak, 2017	Assessing the need for routine screening for mycoplasma genitalium in the low-risk female population: A prevalence and co-infection study on women from Croatia	International Journal of Preventive Medicine	10.4103/ijpvm.IJPVM_309_16	Population (did not report data from PrEP users)
Llangari-Arizo, 2021	Sexually transmitted infections and factors associated with risky sexual practices among female sex workers: A cross sectional study in a large Andean city	PLoS ONE	10.1371/journal.pone.0250117	Population (did not report data from PrEP users)
Lockhart, 2018	Prospective Evaluation of Cervicovaginal Self- and Cervical Physician Collection for the Detection of Chlamydia trachomatis, Neisseria gonorrhoeae, Trichomonas vaginalis, and Mycoplasma genitalium Infections	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000778	Population (did not report data from PrEP users)
Lockhart, 2019	Prevalence and risk factors of trichomonas vaginalis among female sexual workers in Nairobi, Kenya	Sexually Transmitted Diseases	10.1097/OLQ.0000000000001002	Population (did not report data from PrEP users)
Lokken, 2017	Association of Recent Bacterial Vaginosis With Acquisition of Mycoplasma genitalium	Am J Epidemiol	10.1093/aje/kwx043	Population (did not report data from PrEP users)
Lopez-Arias, 2019	Genital association of human papillomavirus with Mycoplasma and Ureaplasma spp. in Mexican women with precancerous lesions	International Journal of STD and AIDS	10.1177/0956462419855508	Population (did not report data from PrEP users)
López-Corbeto, 2020	Pooling of urine samples for molecular detection of Chlamydia trachomatis, Neisseria gonorrhoeae and Mycoplasma genitalium as a screening strategy among young adults in Catalonia	Enfermedades Infecciosas y Microbiología Clínica	10.1016/j.eimc.2019.05.003	Population (did not report data from PrEP users)
Lovett, 2022	Cervicovaginal Microbiota Predicts Neisseria gonorrhoeae Clinical Presentation	Frontiers in Microbiology	10.3389/fmicb.2021.790531	Population (did not report data from PrEP users)

Lusk, 2011	Mycoplasma genitalium is associated with cervicitis and HIV infection in an urban Australian STI clinic population	Sexually Transmitted Infections	10.1136/sti.2010.045138	Population (did not report data from PrEP users)
Lusk, 2016	Cervicitis aetiology and case definition: A study in Australian women attending sexually transmitted infection clinics	Sexually Transmitted Infections	10.1136/sextrans-2015-052332	Population (did not report data from PrEP users)
Lusk, 2017	Cervicitis: a prospective observational study of empiric azithromycin treatment in women with cervicitis and non-specific cervicitis	International Journal of STD and AIDS	10.1177/0956462416628319	Population (did not report data from PrEP users)
Macones, 2012	Discussion: 'Mycoplasma genitalium in cervicitis and pelvic inflammatory disease' by Bjartling et al	American Journal of Obstetrics and Gynecology	10.1016/j.ajog.2012.04.020	Population (did not report data from PrEP users)
Macones, 2012	Mycoplasma genitalium in cervicitis and pelvic inflammatory disease: Bjartling et al	American Journal of Obstetrics and Gynecology	10.1016/j.ajog.2012.04.013	Population (did not report data from PrEP users)
Magaña-Contreras, 2015	Prevalence of sexually transmitted pathogens associated with HPV infection in cervical samples in a Mexican population	Journal of Medical Virology	10.1002/jmv.24278	Population (did not report data from PrEP users)
Magdaleno, 2020	Prevalencia de la infección por Mycoplasma genitalium en mujeres embarazadas	Acta bioquím. clín. latinoam	NR	Population (did not report data from PrEP users)
Mahlangu, 2019	The Prevalence of Mycoplasma genitalium and Association With Human Immunodeficiency Virus Infection in Symptomatic Patients, Johannesburg, South Africa, 2007-2014	Sexually Transmitted Diseases	10.1097/olq.0000000000000984	Population (did not report data from PrEP users)
Mahlangu, 2022	Molecular Characterization and Detection of Macrolide and Fluoroquinolone Resistance Determinants in Mycoplasma genitalium in South Africa, 2015 to 2018	Sexually Transmitted Diseases	10.1097/olq.0000000000001631	Population (did not report data from PrEP users)
Maina, 2021	Diagnostic accuracy of the syndromic management of four stis among individuals seeking treatment at a health centre in nairobi, kenya: A cross-sectional study	Pan African Medical Journal	10.11604/pamj.2021.40.138.25166	Population (did not report data from PrEP users)
Malaguti, 2015	Sensitive detection of thirteen bacterial vaginosis-associated agents using multiplex polymerase chain reaction	BioMed Research International	10.1155/2015/645853	Population (did not report data from PrEP users)
Manhart, 2013	Bacterial vaginosis-associated bacteria in men: Association of Leptotrichia/Sneathia spp. with nongonococcal urethritis	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000054	Population (did not report data from PrEP users)
Manhart, 2013	Mycoplasma Genitalium infection in sub-Saharan Africa: how big is the problem?	Sex Transm Dis	10.1097/OLQ.0b013e3182924b3b	Population (did not report data from PrEP users)
Manhart, 2017	Mycoplasma genitalium on the Loose: Time to Sound the Alarm	Sex Transm Dis	10.1097/olq.0000000000000665	Population (did not report data from PrEP users)
Manhart, 2020	Characteristics of mycoplasma genitalium urogenital infections in a diverse patient sample from the United States: Results from the aptima mycoplasma genitalium evaluation study (AMES)	Journal of Clinical Microbiology	10.1128/JCM.00165-20	Population (did not report data from PrEP users)
Mansson, 2010	High prevalence of HIV-1, HIV-2 and other sexually transmitted infections among women attending two sexual health clinics in Bissau, Guinea-Bissau, West Africa	International Journal of STD and AIDS	10.1258/ijsa.2010.009584	Population (did not report data from PrEP users)

Marlowe, 2019	Trichomonas vaginalis detection in female specimens with cobas® TV/MG for use on the cobas® 6800/8800 systems	European Journal of Microbiology and Immunology	10.1556/1886.2019.00004	Population (did not report data from PrEP users)
Martin-Saco, 2022	Mycoplasma genitalium and sexually transmitted infections: evidences and figures in a tertiary hospital	Revista Espanola de Quimioterapia	10.37201/req/091.2021	Population (did not report data from PrEP users)
Marvast, 2017	Relationship between Chlamydia trachomatis and Mycoplasma genitalium infection and pregnancy rate and outcome in Iranian infertile couples	Andrologia	10.1111/and.12747	Population (did not report data from PrEP users)
Mavedzenge, 2012	The association between Mycoplasma genitalium and HIV-1 acquisition in African women	AIDS	10.1097/QAD.0b013e32834ff690	Population (did not report data from PrEP users)
Mawu, 2011	Sexually transmissible infections among female sex workers in Manado, Indonesia, using a multiplex polymerase chain reaction-based reverse line blot assay	Sexual Health	10.1071/SH10023	Population (did not report data from PrEP users)
Mbah, 2022	Association between Chlamydia trachomatis, Neisseria gonorrhoea, Mycoplasma genitalium, and Trichomonas vaginalis and Secondary Infertility in Cameroon: A case-control study	PLoS ONE	10.1371/journal.pone.0263186	Population (did not report data from PrEP users)
McAuliffe, 2019	Barriers to testing and management of Mycoplasma genitalium infections in primary care	International Journal of STD and AIDS	10.1177/0956462419859757	Population (did not report data from PrEP users)
McClellan, 2017	Analytical Validation of an Analyte Specific Reagent (ASR) for Mycoplasma genitalium Detection and Point Prevalence Assessment	Journal of Molecular Diagnostics	NR	Population (did not report data from PrEP users)
McKechnie, 2011	The prevalence of urogenital micro-organisms detected by a multiplex PCR-reverse line blot assay in women attending three sexual health clinics in Sydney, Australia	Journal of Medical Microbiology	10.1099/jmm.0.029108-0	Population (did not report data from PrEP users)
Mehta, 2012	The effect of medical male circumcision on urogenital mycoplasma genitalium among men in Kisumu, Kenya	Sexually Transmitted Diseases	10.1097/OLQ.0b013e318240189c	Population (did not report data from PrEP users)
Melendez, 2022	Retrospective Analysis of Ugandan Men with Urethritis Reveals Mycoplasma genitalium and Associated Macrolide Resistance	Microbiol Spectrum	10.1128/spectrum.02304-21	Population (did not report data from PrEP users)
Menezes, 2022	Prevalence and Factors Associated with Mycoplasma genitalium Infection in At-risk Adolescent Females	Journal of Pediatric and Adolescent Gynecology	10.1016/j.jpog.2022.01.036	Population (did not report data from PrEP users)
Mezzini, 2013	Mycoplasma genitalium: Prevalence in men presenting with urethritis to a South Australian public sexual health clinic	Internal Medicine Journal	10.1111/imj.12103	Population (did not report data from PrEP users)
Mezzini, 2013	Mycoplasma genitalium: prevalence in men presenting with urethritis to a South Australian public sexual health clinic (vol 43, pg 494, 2013)	Internal Medicine Journal	NR	Population (did not report data from PrEP users)
Mhlongo, 2010	Etiology and STI/HIV coinfections among patients with urethral and vaginal discharge syndromes in South Africa	Sexually Transmitted Diseases	10.1097/OLQ.0b013e3181d877b7	Population (did not report data from PrEP users)
Mirnejad, 2011	Simultaneous and rapid differential diagnosis of Mycoplasma genitalium and Ureaplasma urealyticum based on a polymerase chain reaction-restriction fragment length polymorphism	Indian Journal of Medical Microbiology	10.4103/0255-0857.76521	Population (did not report data from PrEP users)

Missana, 2012	Symptomatic vaginal discharge is a poor predictor of sexually transmitted infections and genital tract inflammation in high-risk women in South Africa	Journal of Infectious Diseases	10.1093/infdis/jis298	Population (did not report data from PrEP users)
Mo, 2016	Prevalence and correlates of Mycoplasma genitalium infection among prostatitis patients in Shanghai, China	Sexual Health	10.1071/SH15155	Population (did not report data from PrEP users)
Mobley, 2012	Mycoplasma genitalium infection in women attending a sexually transmitted infection clinic: Diagnostic specimen type, coinfections, and predictors	Sexually Transmitted Diseases	10.1097/OLQ.0b013e318255de03	Population (did not report data from PrEP users)
Moghadam, 2014	Isolation and molecular identification of mycoplasma genitalium from the secretion of genital tract in infertile male and female	Iranian Journal of Reproductive Medicine	NR	Population (did not report data from PrEP users)
Moi, 2017	Urethral inflammatory response to ureaplasma is significantly lower than to Mycoplasma genitalium and Chlamydia trachomatis	International Journal of STD and AIDS	10.1177/0956462416666482	Population (did not report data from PrEP users)
Molin, 2016	Is the risk for sexually transmissible infections (STI) lower among women with exclusively female sexual partners compared with women with male partners? A retrospective study based on attendees at a Norwegian STI clinic from 2004 to 2014	Sexual Health	10.1071/SH15193	Population (did not report data from PrEP users)
Molina, 2021	Incidence of HIV infection with daily or on-demand oral prep with TDF/FTC in France	Topics in Antiviral Medicine	NR	Population (did not report data from PrEP users)
Molina, 2022	Daily and on-demand HIV pre-exposure prophylaxis with emtricitabine and tenofovir disoproxil (ANRS PREVENIR): a prospective observational cohort study	The Lancet HIV	10.1016/S2352-3018(22)00133-3	Outcome
Mondeja, 2018	Mycoplasma genitalium infections in Cuba: surveillance of urogenital syndromes, 2014–2015	International Journal of STD and AIDS	10.1177/0956462418767186	Population (did not report data from PrEP users)
Moore, 2021	Mycoplasma genitalium and Bacterial Vaginosis-Associated Bacteria in a Non-Clinic-Based Sample of African American Women	Sexually transmitted diseases	10.1097/OLQ.0000000000001275	Population (did not report data from PrEP users)
Moran, 2022	Evaluating specimen pooling for Neisseria gonorrhoeae, Chlamydia trachomatis, and Mycoplasma genitalium screening in asymptomatic men who have sex with men	Int J STD AIDS	10.1177/09564624221100098	Population (did not report data from PrEP users)
Moridi, 2021	Prevalence determination of m. hominis and m. genitalium in the semen samples in the northeast of Iran using culture and multiplex polymerase chain reaction	Archives of Razi Institute	10.22092/ari.2019.125966.1338	Population (did not report data from PrEP users)
Mortaki, 2020	Prevalence of cervico-vaginal high-risk HPV types and other sexually transmitted pathogens in anogenital warts patients	Anticancer Research	10.21873/anticanres.14183	Full text not found
Mortamedifar, 2020	The prevalence of bacteriospermia in infertile men and association with semen quality in southwestern Iran	Infectious Disorders - Drug Targets	10.2174/1871526519666181123182116	Full text not found
Mounzer, 2021	Are We Hitting the Target? HIV Pre-Exposure Prophylaxis from 2012 to 2020 in the OPERA Cohort	AIDS Patient Care and STDs	10.1089/apc.2021.0064	Outcome
Mousavi, 2014	Detection of genital mycoplasmal infections among infertile females by multiplex PCR	Iranian Journal of Microbiology	NR	Population (did not report data from PrEP users)

Mueller, 2020	Sexually transmitted coinfections in patients with anogenital warts – a retrospective analysis of 196 patients	JDDG - Journal of the German Society of Dermatology	10.1111/ddg.14060	Population (did not report data from PrEP users)
Müller, 2012	Development of a rotor-gene real-time PCR assay for the detection and quantification of <i>Mycoplasma genitalium</i>	Journal of Microbiological Methods	10.1016/j.mimet.2011.12.017	Population (did not report data from PrEP users)
Muller, 2019	Macrolide and fluoroquinolone resistance-associated mutations in <i>Mycoplasma genitalium</i> in Johannesburg, South Africa, 2007-2014	BMC Infectious Diseases	10.1186/s12879-019-3797-6	Population (did not report data from PrEP users)
Mulligan, 2019	Prevalence, Macrolide Resistance, and Fluoroquinolone Resistance in <i>Mycoplasma genitalium</i> in Men Who Have Sex with Men Attending an Sexually Transmitted Disease Clinic in Dublin, Ireland in 2017-2018	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000940	Population (did not report data from PrEP users)
Muñoz Santa, 2021	<i>Mycoplasma genitalium</i> : Analysis of mutations associated with macrolide resistance in Lleida, Spain	Enfermedades Infecciosas y Microbiología Clínica	10.1016/j.eimc.2021.02.004	Population (did not report data from PrEP users)
Muñoz Santa, 2022	<i>Mycoplasma genitalium</i> : Analysis of mutations associated with macrolide resistance in Lleida, Spain	Enferm Infecc Microbiol Clin (Engl Ed)	10.1016/j.eimce.2021.02.010	Population (did not report the number of patients on PrEP)
Munson, 2016	Clinical Laboratory Assessment of <i>Mycoplasma genitalium</i> Transcription-Mediated Amplification Using Primary Female Urogenital Specimens	Journal of Clinical Microbiology	10.1128/jcm.02463-15	Population (did not report data from PrEP users)
Munson, 2017	Clinical laboratory assessments for <i>Mycoplasma genitalium</i> in a high-prevalence sexually-transmitted infection community reveal epidemiologic dichotomies with <i>Trichomonas vaginalis</i>	Expert Review of Anti-Infective Therapy	10.1080/14787210.2017.1265887	Population (did not report data from PrEP users)
Munson, 2017	Expansion of comprehensive screening of male sexually transmitted infection clinic attendees with <i>Mycoplasma genitalium</i> and <i>Trichomonas vaginalis</i> molecular assessment: A retrospective analysis	Journal of Clinical Microbiology	10.1128/JCM.01625-16	Population (did not report data from PrEP users)
Munson, 2017	Molecular Diagnostics Update for the Emerging (If Not Already Widespread) Sexually Transmitted Infection Agent <i>Mycoplasma genitalium</i> : Just About Ready for Prime Time	J Clin Microbiol	10.1128/jcm.00818-17	Population (did not report data from PrEP users)
Munson, 2020	Comprehensive Molecular Screening in a Cohort of Young Men Who Have Sex With Men and Transgender Women: Effect of Additive Rectal Specimen Source Collection and Analyte Testing	Sex Transm Dis	10.1097/olq.0000000000001244	Population (did not report data from PrEP users)
Munson, 2021	Molecular screening in a longitudinal cohort of young men who have sex with men and young transgender women: Associations with focus on the emerging sexually transmitted pathogen <i>Mycoplasma genitalium</i>	Sexually Transmitted Infections	10.1136/sextrans-2020-054463	Population (did not report data from PrEP users)
Murray, 2019	The impact of sample storage on molecular-based detection of <i>Mycoplasma genitalium</i>	Journal of Applied Microbiology	10.1111/jam.14359	Population (did not report data from PrEP users)
Murray, 2022	parC Variants in <i>Mycoplasma genitalium</i> : Trends over Time and Association with Moxifloxacin Failure	Antimicrob Agents Chemother	10.1128/aac.00278-22	Population (did not report data from PrEP users)
Muzny, 2011	Sexually transmitted infections and risk behaviors among African American women who have sex with women: Does sex with men make a difference?	Sexually Transmitted Diseases	10.1097/OLQ.0b013e31822e6179	Population (did not report data from PrEP users)

Muzny, 2014	Sexual partnership characteristics of African American women who have sex with women; impact on sexually transmitted infection risk	Sex Transm Dis	10.1097/olq.0000000000000194	Population (did not report data from PrEP users)
Mwasakifwa, 2020	Proctitis in gay and bisexual men. Are microscopy and proctoscopy worthwhile?	Sexually Transmitted Infections	10.1136/sextrans-2019-054197	Outcome
NA, 2015	STI and HIV World Congress 2015	Sexually Transmitted Infections	NR	Population (did not report data from PrEP users)
NA, 2020	BASHH Virtual Annual Conference	International Journal of STD and AIDS	NR	Population (did not report data from PrEP users)
Nakashima, 2014	Prevalence of human papillomavirus infection in the oropharynx and urine among sexually active men: A comparative study of infection by papillomavirus and other organisms, including <i>Neisseria gonorrhoeae</i> , <i>Chlamydia trachomatis</i> , <i>Mycoplasma spp.</i> , and <i>Ureaplasma spp</i>	BMC Infectious Diseases	10.1186/1471-2334-14-43	Population (did not report data from PrEP users)
Napierala, 2015	Detection of <i>Mycoplasma genitalium</i> from male primary urine specimens: An epidemiologic dichotomy with <i>Trichomonas vaginalis</i>	Diagnostic Microbiology and Infectious Disease	10.1016/j.diagmicrobio.2015.03.016	Population (did not report data from PrEP users)
Napierala, 2015	<i>Mycoplasma genitalium</i> is associated with increased genital HIV type 1 RNA in zimbabwean women	Journal of Infectious Diseases	10.1093/infdis/jiu644	Population (did not report data from PrEP users)
Nemirosky, 2021	Macrolide resistance in <i>Mycoplasma genitalium</i> in Catalonia, Spain: a 1 year prospective study	Journal of Antimicrobial Chemotherapy	10.1093/jac/dkab224	Population (did not report data from PrEP users)
Ng, 2016	<i>Trichomonas vaginalis</i> infection: How significant is it in men presenting with recurrent or persistent symptoms of urethritis?	International Journal of STD and AIDS	10.1177/0956462415571372	Population (did not report data from PrEP users)
Ng, 2020	Molecular detection of <i>mycoplasma genitalium</i> in endocervical swabs and associated rates of macrolide and fluoroquinolone resistance in hong kong	Hong Kong Medical Journal	10.12809/hkmj208507	Population (did not report data from PrEP users)
Nguyen, 2022	Investigating the microbial pathogens of sexually transmitted infections among heterosexual Vietnamese men with symptomatic urethritis	Aging Male	10.1080/13685538.2022.2063272	Population (did not report data from PrEP users)
Nijhuis, 2021	Prevalence of <i>Chlamydia trachomatis</i> , <i>Neisseria gonorrhoeae</i> , <i>Mycoplasma genitalium</i> and <i>Trichomonas vaginalis</i> including relevant resistance-associated mutations in a single center in the Netherlands	European Journal of Clinical Microbiology and Infectious Diseases	10.1007/s10096-020-04061-w	Population (did not report data from PrEP users)
Nilsen, 2011	Low prevalence of <i>Mycoplasma genitalium</i> in patients examined for <i>Chlamydia trachomatis</i>	Tidsskrift for den Norske lægeforening : tidsskrift for praktisk medicin, ny række	NR	Population (did not report data from PrEP users)
Nodjikoumbaye, 2019	Accuracy of curable sexually transmitted infections and genital mycoplasmas screening by multiplex real-time PCR using a self-collected veil among adult women in Sub-Saharan Africa	Infectious Diseases in Obstetrics and Gynecology	10.1155/2019/8639510	Population (did not report data from PrEP users)
Nolskog, 2019	STI with <i>Mycoplasma genitalium</i> —more common than <i>Chlamydia trachomatis</i> in patients attending youth clinics in Sweden	European Journal of Clinical Microbiology and Infectious Diseases	10.1007/s10096-018-3395-3	Population (did not report data from PrEP users)
NR, 2010	Sexually transmitted infections	FMC Formacion Medica Continuada en Atencion Primaria	10.1016/S1134-2072(10)70112-2	Population (did not report data from PrEP users)

Nye, 2020	Prevalence of <i>Mycoplasma genitalium</i> infection in women with bacterial vaginosis	BMC Women's Health	10.1186/s12905-020-00926-6	Population (did not report data from PrEP users)
Oakeshott, 2010	Is <i>Mycoplasma genitalium</i> in women the "new chlamydia?" A community-based prospective cohort study	Clinical Infectious Diseases	10.1086/656739	Population (did not report data from PrEP users)
Obermeier, 2019	<i>Mycoplasma genitalium</i> resistance against macrolide antibiotics in the Berlin MSM cohort tested with the Alplex MG & AziR Assay (SeeGene)	Hiv Medicine	NR	Population (did not report data from PrEP users)
Oh, 2021	<i>Mycoplasma genitalium</i> and <i>Mycoplasma hominis</i> infection in south korea during 2018-2020	Iranian Journal of Microbiology	10.18502/ijm.v13i5.7423	Population (did not report data from PrEP users)
Oh, 2022	Laboratory Investigation of Sexually Transmitted Infections in the Elderly Population of South Korea	Microbiology and Biotechnology Letters	10.48022/mbi.2204.04006	Population (did not report data from PrEP users)
Oliphant, 2013	Cervicitis: Limited clinical utility for the detection of <i>Mycoplasma genitalium</i> in a cross-sectional study of women attending a New Zealand sexual health clinic	Sexual Health	10.1071/SH12168	Population (did not report data from PrEP users)
Oliphant, 2016	Pelvic inflammatory disease associated with <i>Chlamydia trachomatis</i> but not <i>Mycoplasma genitalium</i> in New Zealand	Sexual Health	10.1071/SH14238	Population (did not report data from PrEP users)
Olson, 2021	<i>Mycoplasma genitalium</i> infection in women reporting dysuria: A pilot study and review of the literature	Int J STD AIDS	10.1177/09564624211030040	Population (did not report data from PrEP users)
Ona, 2016	<i>Mycoplasma genitalium</i> : An Overlooked Sexually Transmitted Pathogen in Women?	Infectious Diseases in Obstetrics and Gynecology	10.1155/2016/4513089	Population (did not report data from PrEP users)
Ondondo, 2010	Differential association of ureaplasma species with non-gonococcal urethritis in heterosexual men	Sexually Transmitted Infections	10.1136/sti.2009.040394	Population (did not report data from PrEP users)
Ong, 2017	Should female partners of men with non-gonococcal urethritis, negative for <i>Chlamydia trachomatis</i> and <i>Mycoplasma genitalium</i> , be informed and treated? Clinical outcomes from a partner study of heterosexual men with NGU	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000546	Population (did not report data from PrEP users)
Ong, 2018	Clinical Characteristics of Anorectal <i>Mycoplasma genitalium</i> Infection and Microbial Cure in Men Who Have Sex with Men	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000793	Population (did not report data from PrEP users)
Ong, 2019	Clinical Characteristics of <i>Mycoplasma genitalium</i> and the Usefulness of Syndromic Management Among Women Living With Human Immunodeficiency Virus	Sex Transm Dis	10.1097/olq.0000000000001054	Population (did not report data from PrEP users)
Ong, 2019	Prevalence and Antimicrobial Resistance of <i>Mycoplasma genitalium</i> Infection among Women Living with Human Immunodeficiency Virus in South Africa: A Prospective Cohort Study	Clinical Infectious Diseases	10.1093/cid/ciz045	Population (did not report data from PrEP users)
Opolskiene, 2021	The use of vaginal wet smear: can we predict <i>Mycoplasmas/Ureaplasmas</i> ?	Archives of Gynecology and Obstetrics	10.1007/s00404-021-05976-1	Population (did not report data from PrEP users)

Orzechowska, 2022	Comparative Analysis of the Incidence of Selected Sexually Transmitted Bacterial Infections in Poland in 2010-2015: A Retrospective Cohort Study	Journal of Clinical Medicine	10.3390/jcm11040998	Population (did not report data from PrEP users)
Otgonjargala, 2017	Effect of Mycoplasma hominis and cytomegalovirus infection on pregnancy outcome: A prospective study of 200 Mongolian women and their newborns	PLoS ONE	10.1371/journal.pone.0173283	Population (did not report data from PrEP users)
Ouzounova-Raykova, 2011	Detection of the sexually transmissible genital mycoplasmas by polymerase chain reaction in women	Sexual Health	10.1071/SH11044	Population (did not report data from PrEP users)
Ouzounova-Raykova, 2018	GENITAL MYCOPLASMAS AND UREAPLASMAS AND ABNORMAL SEMEN QUALITY IN INFERTILE BULGARIAN MEN	Comptes Rendus De L Academie Bulgare Des Sciences	10.7546/crabs.2018.07.15	Full text not found
Pai, 2013	Prevalence of sexually transmitted diseases among men who have sex with men in some cities of Jiangsu province	Chinese Journal of Dermatology	NR	Full text not found
Panos, 2018	Prevalence studies of M. genitalium and other sexually transmitted pathogens in high risk individuals indicate the need for comprehensive investigation of STIs for accurate diagnosis and effective treatment	GERMS	10.18683/germs.2018.1127	Population (did not report data from PrEP users)
Papeš, 2017	Detection of sexually transmitted pathogens in patients with chronic prostatitis/chronic pelvic pain: a prospective clinical study	International Journal of STD and AIDS	10.1177/0956462417691440	Population (did not report data from PrEP users)
Park, 2017	Prevalence of and Risk Factors for Sexually Transmitted Infections among Korean Adolescents under Probation	Journal of Korean medical science	10.3346/jkms.2017.32.11.1771	Population (did not report data from PrEP users)
Park, 2020	Prevalence and correlated factors of sexually transmitted infections among women attending a Korean sexual assault center	Journal of Forensic and Legal Medicine	10.1016/j.jflm.2020.101935	Population (did not report data from PrEP users)
Parmar, 2021	High Prevalence of Macrolide and Fluoroquinolone Resistance-Mediating Mutations in Mycoplasma genitalium -Positive Urine Specimens from Saskatchewan	Sexually Transmitted Diseases	10.1097/OLQ.0000000000001402	Population (did not report data from PrEP users)
Paulsen, 2016	Prevalence of M. genitalium and U. urealyticum in urine tested for C. trachomatis	Tidsskrift for den Norske lægeforening : tidsskrift for praktisk medicin, ny række	10.4045/tidsskr.14.1574	Population (did not report data from PrEP users)
Payne, 2016	Ureaplasma parvum genotype, combined vaginal colonisation with Candida albicans, and spontaneous preterm birth in an Australian cohort of pregnant women	BMC Pregnancy and Childbirth	10.1186/s12884-016-1110-x	Population (did not report data from PrEP users)
Peacock, 2022	Successful Identification of Mixed Vaginal Infections Requires Comprehensive Testing	Obstetrics and Gynecology	NR	Population (did not report data from PrEP users)
Pebdeni, 2022	Bacteriospermia and its association with seminal fluid parameters and infertility in infertile men, Kerman, Iran: A cross-sectional study	International Journal of Reproductive BioMedicine	10.18502/ijrm.v20i3.10712	Population (did not report data from PrEP users)
Pecavar, 2021	Pre-exposure prophylaxis for HIV with oral tenofovir disoproxil fumarate/emtricitabine in men who have sex with men: Slovenian national demonstration project	International Journal of STD and AIDS	10.1177/09564624211019876	Outcome
Peretz, 2020	Mycoplasma and Ureaplasma carriage in pregnant women: The prevalence of transmission from mother to newborn	BMC Pregnancy and Childbirth	10.1186/s12884-020-03147-9	Population (did not report data from PrEP users)

Pereyre, 2017	Mycoplasma genitalium and Trichomonas vaginalis in France: a point prevalence study in people screened for sexually transmitted diseases	Clinical Microbiology and Infection	10.1016/j.cmi.2016.10.028	Population (did not report data from PrEP users)
Pereyre, 2022	Prevalence of macrolide and fluoroquinolone resistance-associated mutations in Mycoplasma genitalium in metropolitan and overseas France	Sexually Transmitted Infections	10.1136/sextrans-2022-055466	Population (did not report data from PrEP users)
Perin, 2021	Maternal and Fetal Outcomes in an Observational Cohort of Women With Mycoplasma genitalium Infections	Sexually transmitted diseases	10.1097/OLQ.0000000000001569	Population (did not report data from PrEP users)
Peters, 2021	Lack of macrolide resistance in Mycoplasma genitalium infections in a cohort of pregnant women in South Africa	Sexually Transmitted Infections	10.1136/sextrans-2020-054583	Population (did not report data from PrEP users)
Petrov, 2021	Distribution of Mycoplasma spp. and Ureaplasma spp. among pregnant women	Journal of IMAB - Annual Proceeding (Scientific Papers)	10.5272/JIMAB.2021271.3630	Population (did not report data from PrEP users)
Peuchant, 2012	Prevalence and risk factors associated with Chlamydia trachomatis, Neisseria gonorrhoeae and Mycoplasma genitalium infections in French pregnant women	Clinical Microbiology and Infection	10.1111/j.1469-0691.2012.03802.x	Population (did not report data from PrEP users)
Peuchant, 2015	Screening for Chlamydia trachomatis, Neisseria gonorrhoeae, and Mycoplasma genitalium should it be integrated into routine pregnancy care in French young pregnant women?	Diagnostic Microbiology and Infectious Disease	10.1016/j.diagmicrobio.2015.01.014	Population (did not report data from PrEP users)
Philipova, 2017	Mycoplasma genitalium: Prevalence and clinical significance in Sofia municipality	Problems of Infectious and Parasitic Diseases	NR	Population (did not report data from PrEP users)
Philipova, 2022	Azithromycin treatment failure and macrolide resistance in Mycoplasma genitalium infections in Sofia, Bulgaria	Folia Med (Plovdiv)	10.3897/folmed.64.e63624	Population (did not report data from PrEP users)
Pietro, 2020	The swiss STAR trial - An evaluation of target groups for sexually transmitted infection screening in the sub-sample of women	Swiss Medical Weekly	10.4414/smw.2020.20393	Population (did not report data from PrEP users)
Pintye, 2014	Association between male circumcision and incidence of syphilis in men and women: a prospective study in HIV-1 serodiscordant heterosexual African couples	Lancet Global Health	10.1016/s2214-109x(14)70315-8	Population (did not report data from PrEP users)
Piscopo, 2020	Increased prevalence of endocervical Mycoplasma and Ureaplasma colonization in infertile women with tubal factor	Jornal Brasileiro De Reproducao Assistida	10.5935/1518-0557.20190078	Population (did not report data from PrEP users)
Pitt, 2021	Prevalence of Chlamydia trachomatis and Mycoplasma genitalium coinfections and M. genitalium antimicrobial resistance in rectal specimens	Sexually Transmitted Infections	10.1136/sextrans-2020-054803	Population (did not report data from PrEP users)
Pitt, 2022	Antimicrobial resistance in bacterial sexually transmitted infections	Medicine (United Kingdom)	10.1016/j.mpmed.2022.02.006	Population (did not report data from PrEP users)
Plecko, 2014	Unusually low prevalence of Mycoplasma genitalium in urine samples from infertile men and healthy controls: A prevalence study	BMJ Open	10.1136/bmjopen-2014-005372	Population (did not report data from PrEP users)
Plummer, 2021	Are Mycoplasma hominis, Ureaplasma urealyticum and Ureaplasma parvum Associated with Specific Genital Symptoms and Clinical Signs in Nonpregnant Women?	Clinical Infectious Diseases	10.1093/cid/ciab061	Population (did not report data from PrEP users)

Pond, 2014	High prevalence of antibiotic-resistant mycoplasma genitalium in nongonococcal urethritis: The need for routine testing and the inadequacy of current treatment options	Clinical Infectious Diseases	10.1093/cid/cit752	Population (did not report data from PrEP users)
Qing, 2017	Prevalence of Chlamydia trachomatis, Neisseria gonorrhoeae, Mycoplasma genitalium and Ureaplasma urealyticum infections using a novel isothermal simultaneous RNA amplification testing method in infertile males	Annals of Clinical Microbiology and Antimicrobials	10.1186/s12941-017-0220-2	Population (did not report data from PrEP users)
Quentin, 2012	Microbiologic basis of diagnosis and treatment of pelvic inflammatory disease	Journal De Gynecologie Obstetrique Et Biologie De La Reproduction	10.1016/j.jgyn.2012.09.015	Population (did not report data from PrEP users)
Raffe, 2022	Diagnostic tests for sexually transmitted infections	Medicine (United Kingdom)	10.1016/j.mpmed.2022.01.004	Population (did not report data from PrEP users)
Rahimkhani, 2018	Detection of urinary Chlamydia trachomatis, Mycoplasma genitalium and human papilloma virus in the first trimester of pregnancy by PCR method	Annals of Clinical Microbiology and Antimicrobials	10.1186/s12941-018-0276-7	Population (did not report data from PrEP users)
Ramazanzadeh, 2016	A Case-control Study on the Relationship between Mycoplasma genitalium Infection in Women with Normal Pregnancy and Spontaneous Abortion using Polymerase Chain Reaction	Osong Public Health and Research Perspectives	10.1016/j.phrp.2016.07.001	Population (did not report data from PrEP users)
Ramien, 2016	Prevalence and Therapy Refractoriness of Mycoplasma-genitalium-infections in HIV-positive and HIV-negative Patients	Journal Der Deutschen Dermatologischen Gesellschaft	NR	Population (did not report data from PrEP users)
Randjelovic, 2018	The Role of Polymorphonuclear Leukocyte Counts from Urethra, Cervix, and Vaginal Wet Mount in Diagnosis of Nongonococcal Lower Genital Tract Infection	Infectious Diseases in Obstetrics and Gynecology	10.1155/2018/8236575	Population (did not report data from PrEP users)
Rane, 2014	Characteristics of acute nongonococcal urethritis in men differ by sexual preference	J Clin Microbiol	10.1128/jcm.00899-14	Population (did not report data from PrEP users)
Rawre, 2019	Distribution of Chlamydia trachomatis omp A genotypes in patients attending a sexually transmitted disease outpatient clinic in New Delhi, India	Indian Journal of Medical Research	10.4103/ijmr.IJMR_1171_17	Population (did not report data from PrEP users)
Redelinghuys, 2015	A cross-sectional study on the relationship of age, gestational age and HIV infection to bacterial vaginosis and genital mycoplasma infection	BMJ Open	10.1136/bmjopen-2015-008530	Population (did not report data from PrEP users)
Refaat, 2016	The prevalence of Chlamydia trachomatis and Mycoplasma genitalium tubal infections and their effects on the expression of IL-6 and leukaemia inhibitory factor in Fallopian tubes with and without an ectopic pregnancy	Innate Immunity	10.1177/1753425916662326	Population (did not report data from PrEP users)
Reichert, 2019	High seroprevalence of mycoplasma genitalium in the general adult population of Germany	Sexually Transmitted Infections	10.1136/sextrans-2019-sti.679	Population (did not report data from PrEP users)
Reinton, 2013	Anatomic distribution of Neisseria gonorrhoeae, Chlamydia trachomatis and Mycoplasma genitalium infections in men who have sex with men	Sexual Health	10.1071/SH12092	Population (did not report data from PrEP users)
Reinton, 2015	Analysis of direct-to-consumer marketed Chlamydia trachomatis diagnostic tests in Norway	Sexual Health	10.1071/SH14216	Population (did not report data from PrEP users)

Rekha, 2019	Occurrence of Mycoplasma genitalium in the peritoneal fluid of fertile and infertile women with detailed analysis among infertile women	Microbial Pathogenesis	10.1016/j.micpath.2019.02.006	Population (did not report data from PrEP users)
Relich, 2018	Clinical Evaluation of the Aptima Mycoplasma genitalium Assay Reveals the Prevalence of Mycoplasma genitalium Infection among Patients Tested for other Sexually Transmitted Pathogens in Indiana	Journal of Molecular Diagnostics	NR	Population (did not report data from PrEP users)
Ribeiro, 2019	Pre-exposure prophylaxis counseling in a community sexual health clinic for men who have sex with men in Lisbon, Portugal	Acta Medica Portuguesa	10.20344/amp.11474	Population (did not report data from PrEP users)
Rietmeijer, 2018	The Etiology of Male Urethral Discharge in Zimbabwe: Results from the Zimbabwe STI Etiology Study	Sex Transm Dis	10.1097/olq.0000000000000696	Population (did not report data from PrEP users)
Ring, 2022	High Rates of Asymptomatic Mycoplasma genitalium Infections With High Proportion of Genotypic Resistance to First-Line Macrolide Treatment Among Men Who Have Sex With Men Enrolled in the Zurich Primary HIV Infection Study	Open Forum Infectious Diseases	10.1093/ofid/ofac217	Population (did not report data from PrEP users)
Rivaya, 2022	Detection and Prevalence of Macrolide and Fluoroquinolone Resistance in Mycoplasma genitalium in Badalona, Spain	Antibiotics (Basel)	10.3390/antibiotics11040485	Population (did not report data from PrEP users)
Rodrigues, 2011	Frequency of Chlamydia trachomatis, Neisseria gonorrhoeae, Mycoplasma genitalium, Mycoplasma hominis and Ureaplasma species in cervical samples	Journal of Obstetrics and Gynaecology	10.3109/01443615.2010.548880	Population (did not report data from PrEP users)
Rodrigues, 2019	Sexually transmitted infections among HIV-infected and HIV-uninfected women in the Tapajós region, Amazon, Brazil: Self-collected vs. Clinician-collected samples	PLoS ONE	10.1371/journal.pone.0215001	Population (did not report data from PrEP users)
Rodríguez, 2015	Estudio retrospectivo en el diagnóstico de Mycoplasma y Ureaplasma en muestra seminal de 89 pacientes en la Ciudad de México	Rev. Fac. Med. UNAM	NR	Population (did not report data from PrEP users)
Ronda, 2018	Does the Sex Risk Quiz Predict Mycoplasma genitalium Infection in Urban Adolescents and Young Adult Women?	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000874	Population (did not report data from PrEP users)
Rowlands, 2017	Microbial invasion of the amniotic cavity in midtrimester pregnancies using molecular microbiology	American Journal of Obstetrics and Gynecology	10.1016/j.ajog.2017.02.051	Population (did not report data from PrEP users)
Rowlinson, 2021	Incidence of Nongonococcal Urethritis in Men Who Have Sex With Women and Associated Risk Factors	Sexually transmitted diseases	10.1097/OLQ.0000000000001314	Population (did not report data from PrEP users)
Roxby, 2019	Mycoplasma genitalium infection among HIV-infected pregnant African women and implications for mother-to-child transmission of HIV	AIDS	10.1097/QAD.0000000000002335	Population (did not report data from PrEP users)
Roy, 2021	Association of Chlamydia trachomatis, Neisseria gonorrhoeae, Mycoplasma genitalium and Ureaplasma species infection and organism load with cervicitis in north Indian population	Lett Appl Microbiol	10.1111/lam.13520	Population (did not report data from PrEP users)
Rumyantseva, 2015	Evaluation of the new AmpliSens multiplex real-time PCR assay for simultaneous detection of Neisseria gonorrhoeae, Chlamydia trachomatis, Mycoplasma genitalium, and Trichomonas vaginalis	APMIS	10.1111/apm.12430	Population (did not report data from PrEP users)

Sadrpour, 2013	Detection of Chlamydia trachomatis and Mycoplasma genitalium in semen samples of infertile men using multiplex PCR	Tehran University Medical Journal	NR	Population (did not report data from PrEP users)
Saigal, 2016	Genital Mycoplasma and Chlamydia trachomatis infections in patients with genital tract infections attending a tertiary care hospital of North India	Indian Journal of Pathology and Microbiology	10.4103/0377-4929.182019	Population (did not report data from PrEP users)
Salado-Rasmussen, 2022	Clinical Importance of Superior Sensitivity of the Aptima TMA-Based Assays for Mycoplasma genitalium Detection	Journal of Clinical Microbiology	10.1128/jcm.02369-21	Population (did not report data from PrEP users)
Salado, 2014	Mycoplasma genitalium testing pattern and macrolide resistance: A Danish nationwide retrospective survey	Clinical Infectious Diseases	10.1093/cid/ciu217	Population (did not report data from PrEP users)
Saldanha, 2020	STIs in adolescents: Chlamydia, gonorrhoea, mycoplasma genitalium, and HPV	Current Problems in Pediatric and Adolescent Health Care	10.1016/j.cppeds.2020.100835	Population (did not report data from PrEP users)
Sameni, 2022	Evaluation of Ureaplasma urealyticum, Chlamydia trachomatis, Mycoplasma genitalium and Neisseria gonorrhoeae in infertile women compared to pregnant women	Journal of Obstetrics and Gynaecology	10.1080/01443615.2022.2035328	Population (did not report data from PrEP users)
Samra, 2011	Direct simultaneous detection of 6 sexually transmitted pathogens from clinical specimens by multiplex polymerase chain reaction and auto-capillary electrophoresis	Diagnostic Microbiology and Infectious Disease	10.1016/j.diagmicrobio.2010.12.001	Population (did not report data from PrEP users)
Sanchez-Garcia, 2021	Molecular epidemiology of bacterial vaginosis and its association with genital micro-organisms in asymptomatic women	Journal of Medical Microbiology	10.1099/JMM.0.001044	Population (did not report data from PrEP users)
Santa, 2022	Report of sexually transmitted infections prevalence in asymptomatic pregnant women under 25 years old in Lleida, Spain	Revista Espanola de Quimioterapia	10.37201/req/100.2021	Population (did not report data from PrEP users)
Sarier, 2019	Prevalence of polymicrobial infection in urethritis	Journal of Urological Surgery	10.4274/jus.galenos.2019.2405	Population (did not report data from PrEP users)
Saunders, 2013	Factors associated with asymptomatic non-chlamydial non-gonococcal urethritis in heterosexual men: Findings from a case-control study	International Journal of STD and AIDS	10.1177/0956462413477554	Population (did not report data from PrEP users)
Scaglione, 2022	Molecular Epidemiology of Genital Infections in Campania Region: A Retrospective Study	Diagnostics	10.3390/diagnostics12081798	Population (did not report data from PrEP users)
Schmidt, 2020	The swiss STAR trial - An evaluation of target groups for sexually transmitted infection screening in the sub-sample of men	Swiss Medical Weekly	10.4414/smw.2020.20392	Population (did not report data from PrEP users)
Scoullar, 2021	Mycoplasma genitalium and Other Reproductive Tract Infections in Pregnant Women, Papua New Guinea, 2015-2017	Emerg Infect Dis	10.3201/eid2703.201783	Population (did not report data from PrEP users)
Se-Jin, 2013	Comparison of the Anyplex II STI-7 and Seeplex STD6 ACE Detection Kits for the Detection of Sexually Transmitted Infections	Journal of Laboratory Medicine and Quality Assurance	NR	Population (did not report data from PrEP users)
Sellami, 2014	Molecular detection of Chlamydia trachomatis and other sexually transmitted bacteria in semen of male partners of infertile couples in	PLoS ONE	10.1371/journal.pone.0098903	Population (did not report data from PrEP users)

	Tunisia: The effect on semen parameters and spermatozoa apoptosis markers			
Seña, 2012	Chlamydia trachomatis, Mycoplasma genitalium, and Trichomonas vaginalis Infections in Men With Nongonococcal Urethritis: Predictors and Persistence After Therapy	Journal of Infectious Diseases	10.1093/infdis/jis356	Population (did not report data from PrEP users)
Seña, 2017	A silent epidemic: The prevalence, incidence and persistence of mycoplasma genitalium in young asymptomatic women in the United States	Sexually Transmitted Infections	10.1136/sextrans-2017-053264.182	Population (did not report data from PrEP users)
Seña, 2018	A silent epidemic: The prevalence, incidence and persistence of mycoplasma genitalium among young, asymptomatic high-risk women in the United States	Clinical Infectious Diseases	10.1093/cid/ciy025	Population (did not report data from PrEP users)
Seo, 2014	Prevalence of trichomonas vaginalis by PCR in men attending a primary care urology clinic in South Korea	Korean Journal of Parasitology	10.3347/kjp.2014.52.5.551	Population (did not report data from PrEP users)
Shah, 2014	Performance and comparison of self-reported STI symptoms among high-risk populations – MSM, sex workers, persons living with HIV/AIDS – in El Salvador	International Journal of STD and AIDS	10.1177/0956462414526860	Population (did not report data from PrEP users)
Shigehara, 2011	Prevalence of genital Mycoplasma, Ureaplasma, Gardnerella, and human papillomavirus in Japanese men with urethritis, and risk factors for detection of urethral human papillomavirus infection	Journal of Infection and Chemotherapy	10.1007/s10156-010-0203-0	Population (did not report data from PrEP users)
Shilling, 2021	Chlamydia trachomatis and Mycoplasma genitalium prevalence and associated factors among women presenting to a pregnancy termination and contraception clinic, 2009-2019	Sexually Transmitted Infections	10.1136/sextrans-2020-054695	Population (did not report data from PrEP users)
Shimada, 2014	Bacterial loads of Ureaplasma urealyticum contribute to development of urethritis in men	International Journal of Std & Aids	10.1177/0956462413504556	Population (did not report data from PrEP users)
Shipitsyna, 2013	Sexual behaviours, knowledge and attitudes regarding safe sex, and prevalence of non-viral sexually transmitted infections among attendees of youth clinics in St. Petersburg, Russia	Journal of the European Academy of Dermatology and Venereology	10.1111/j.1468-3083.2012.04512.x	Population (did not report data from PrEP users)
Shipitsyna, 2020	Bacterial vaginosis-associated vaginal microbiota is an age-independent risk factor for Chlamydia trachomatis, Mycoplasma genitalium and Trichomonas vaginalis infections in low-risk women, St. Petersburg, Russia	Eur J Clin Microbiol Infect Dis	10.1007/s10096-020-03831-w	Population (did not report data from PrEP users)
Short, 2010	Mycoplasma genitalium among young, urban pregnant women	Infectious Diseases in Obstetrics and Gynecology	10.1155/2010/984760	Population (did not report data from PrEP users)
Short, 2010	The demographic, sexual health and behavioural correlates of Mycoplasma genitalium infection among women with clinically suspected pelvic inflammatory disease	Sexually Transmitted Infections	10.1136/sti.2009.037721	Population (did not report data from PrEP users)
Shahkali, 2018	Identification of herpes simplex virus, chlamydia trachomatis, and mycoplasma genitalium in infertile seminal fluid samples using multiplex-PCR in Kerman province, Iran (2016)	Iranian Journal of Obstetrics, Gynecology and Infertility	10.22038/ijogi.2018.10714	Population (did not report data from PrEP users)
Sienkiewicz, 2021	Incidence and laboratory diagnosis of sexually-transmitted infections among university students in a high-prevalence community	Journal of American college health : J of ACH	10.1080/07448481.2021.1899185	Population (did not report data from PrEP users)
Silva, 2018	Genital mycoplasmas and ureaplasmas in cervicovaginal self-collected samples of reproductive-age women: prevalence and risk factors	International Journal of STD and AIDS	10.1177/0956462418774209	Population (did not report data from PrEP users)

Silveira, 2020	Prevalence and risk factors associated with Chlamydia trachomatis, Neisseria gonorrhoeae, and Mycoplasma genitalium among women in Pelotas, Southern Brazil	International Journal of STD and AIDS	10.1177/0956462419898982	Population (did not report data from PrEP users)
Smaoui, 2019	Human miscarriage and infection in tunisia: Role of mycoplasma hominis and high waddlia seroprevalence	Journal of Infection in Developing Countries	10.3855/jidc.9829	Population (did not report data from PrEP users)
Smieszek, 2015	Improving our Understanding of Mycoplasma Genitalium Epidemiology: A Re-Analysis of Two Cohort Studies	International Journal of Epidemiology	NR	Population (did not report data from PrEP users)
Smieszek, 2016	Apparently-different clearance rates from cohort studies of Mycoplasma genitalium are consistent after accounting for incidence of infection, recurrent infection, and study design	PLoS ONE	10.1371/journal.pone.0149087	Population (did not report data from PrEP users)
Smolec, 2021	Occurrence of urogenital mycoplasmas in men with the common genitourinary diseases	Brazilian Journal of Microbiology	10.1007/s42770-021-00620-1	Population (did not report data from PrEP users)
Smullin, 2020	Prevalence and incidence of Mycoplasma genitalium in a cohort of HIV-infected and HIV-uninfected pregnant women in Cape Town, South Africa	Sexually Transmitted Infections	10.1136/sextrans-2019-054255	Population (did not report data from PrEP users)
Soni, 2010	The prevalence of urethral and rectal Mycoplasma genitalium and its associations in men who have sex with men attending a genitourinary medicine clinic	Sexually Transmitted Infections	10.1136/sti.2009.038190	Population (did not report data from PrEP users)
Sonmez, 2018	Evaluation of symptomatic patients with resistant discharge	Acta Dermatovenerologica Croatica	NR	Population (did not report data from PrEP users)
Sonnenberg, 2015	Epidemiology of Mycoplasma genitalium in British men and women aged 16-44 years: Evidence from the third National Survey of Sexual Attitudes and Lifestyles (Natsal-3)	International Journal of Epidemiology	10.1093/ije/dyv194	Population (did not report data from PrEP users)
Souza, 2013	Short report: Simultaneous detection of seven sexually transmitted agents in human immunodeficiency virus-infected Brazilian women by multiplex polymerase chain reaction	American Journal of Tropical Medicine and Hygiene	10.4269/ajtmh.13-0315	Population (did not report data from PrEP users)
Spiller, 2020	Mycoplasma genitalium prevalence in Welsh sexual health patients: Low antimicrobial resistance markers and no association of symptoms to bacterial load	Microbial Pathogenesis	10.1016/j.micpath.2019.103872	Population (did not report data from PrEP users)
Spornraft-Ragaller, 2020	Prevalence and antibiotic resistance of rectal Mollicutes in HIV-infected men who have sex with men at the University Hospital of Dresden, Germany	Infection	10.1007/s15010-019-01386-3	Population (did not report data from PrEP users)
Spornraft-Ragaller, 2021	Antimicrobial resistance of Mycoplasma genitalium and treatment outcome in men attending a STI and HIV center in Dresden	Infection	NR	Population (did not report data from PrEP users)
Srinivasan, 2021	Urethral Microbiota in Men: Association of Haemophilus influenzae and Mycoplasma penetrans With Nongonococcal Urethritis	Clinical infectious diseases : an official publication of the Infectious Diseases Society of America	10.1093/cid/ciaa1123	Population (did not report data from PrEP users)
Stafford, 2021	Retrospective analysis of infection and antimicrobial resistance patterns of Mycoplasma genitalium among pregnant women in the southwestern USA	BMJ Open	10.1136/bmjopen-2021-050475	Population (did not report data from PrEP users)

Stephen, 2019	Molecular Diagnosis of Sexually Transmitted Infections (STI) in Symptomatic Women of Puducherry by a Commercial Real Time Multiplex PCR, FTD Urethritis Plus - A Preliminary Report	Journal of Pure and Applied Microbiology	10.22207/jpam.13.3.55	Population (did not report data from PrEP users)
Stewart, 2020	Should we routinely test for Mycoplasma genitalium when testing for other sexually transmitted infections?	Medical Journal of Australia	10.5694/mja2.50399	Population (did not report data from PrEP users)
Sturt, 2021	Association of Female Genital Schistosomiasis with the Cervicovaginal Microbiota and Sexually Transmitted Infections in Zambian Women	Open Forum Infectious Diseases	10.1093/ofid/ofab438	Population (did not report data from PrEP users)
Suehiro, 2019	Association of human papillomavirus and bacterial vaginosis with increased risk of high-grade squamous intraepithelial cervical lesions	International Journal of Gynecological Cancer	10.1136/ijgc-2018-000076	Population (did not report data from PrEP users)
Suehiro, 2021	High molecular prevalence of hpv and other sexually transmitted infections in a population of asymptomatic women who work or study at a brazilian university	Revista do Instituto de Medicina Tropical de Sao Paulo	10.1590/s1678-9946202163001	Population (did not report data from PrEP users)
Sutton, 2018	Cost-effectiveness of microscopy of urethral smears for asymptomatic Mycoplasma genitalium urethritis in men in England	International Journal of STD and AIDS	10.1177/0956462417717651	Population (did not report data from PrEP users)
Svenstrup, 2014	A cross-sectional study of Mycoplasma genitalium infection and correlates in women undergoing population-based screening or clinic-based testing for Chlamydia infection in London	Bmj Open	10.1136/bmjopen-2013-003947	Population (did not report data from PrEP users)
Sweeney, 2019	Levels of mycoplasma genitalium antimicrobial resistance differ by both region and gender in the state of Queensland, Australia: Implications for treatment guidelines	Journal of Clinical Microbiology	10.1128/JCM.01555-18	Population (did not report data from PrEP users)
Sweeney, 2022	Factors associated with pelvic inflammatory disease: A case series analysis of family planning clinic data	Womens Health (Lond)	10.1177/17455057221112263	Population (did not report data from PrEP users)
Tabrizi, 2016	Evaluation of the Hologic Panther Transcription-Mediated Amplification Assay for Detection of Mycoplasma genitalium	Journal of Clinical Microbiology	10.1128/jcm.01038-16	Population (did not report data from PrEP users)
Tagg, 2013	Fluoroquinolone and macrolide resistance-associated mutations in Mycoplasma genitalium	Journal of Clinical Microbiology	10.1128/JCM.00495-13	Population (did not report data from PrEP users)
Taher, 2020	A real-time polymerase chain reaction assay for the simultaneous detection of sexually transmitted pathogens in women	Indian Journal of Public Health Research and Development	10.37506/v11/i2/2020/ijphrd/195218	Full text not found
Taku, 2021	Detection of sexually transmitted pathogens and co-infection with human papillomavirus in women residing in rural Eastern Cape, South Africa	PeerJ	10.7717/peerj.10793	Population (did not report data from PrEP users)
Takuva, 2014	Etiology and antimicrobial susceptibility of pathogens responsible for urethral discharge among men in Harare, Zimbabwe	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000204	Population (did not report data from PrEP users)
Tandon, 2022	Cross sectional study to evaluate microbiological spectrum of RTI/STI and co-infections among women with cervicitis or cervico-vaginitis from a community clinic in Mumbai	Indian Journal of Medical Microbiology	10.1016/j.ijmmb.2021.10.003	Population (did not report data from PrEP users)
Taylor-Robinson, 2004	Mycoplasma genitalium in chronic non-gonococcal urethritis	International Journal of STD and AIDS	10.1258/095646204322637209	Population (did not report data from PrEP users)

Taylor, 2011	Microbial correlates of delayed care for pelvic inflammatory disease	Sexually Transmitted Diseases	10.1097/OLQ.0b013e3181ffa7c7	Population (did not report data from PrEP users)
Taylor, 2018	Risk factors for Mycoplasma genitalium endometritis and incident infection: A secondary data analysis of the T cell Response Against Chlamydia (TRAC) Study	Sexually Transmitted Infections	10.1136/sextrans-2017-053376	Population (did not report data from PrEP users)
Thurman, 2010	Mycoplasma genitalium symptoms, concordance and treatment in high-risk sexual dyads	International Journal of STD and AIDS	10.1258/ijsa.2009.008485	Population (did not report data from PrEP users)
Ting, 2013	High-risk human papillomavirus messenger RNA testing in physician- And self-collected specimens for cervical lesion detection in high-risk women, Kenya	Sexually Transmitted Diseases	10.1097/OLQ.0b013e31828e5a91	Population (did not report data from PrEP users)
Tjagur, 2018	Prevalence of Mycoplasma genitalium and other sexually transmitted infections causing urethritis among high-risk heterosexual male patients in Estonia	Infectious Diseases	10.1080/23744235.2017.1366044	Population (did not report data from PrEP users)
Tjagur, 2020	Profile of sexually transmitted infections causing urethritis and a related inflammatory reaction in urine among heterosexual males: A flow-cytometry study	PLoS One	10.1371/journal.pone.0242227	Population (did not report data from PrEP users)
Tjagur, 2021	Mycoplasma genitalium Provokes Seminal Inflammation among Infertile Males	Int J Mol Sci	10.3390/ijms222413467	Population (did not report data from PrEP users)
Tobian, 2014	Male circumcision and mycoplasma genitalium infection in female partners: A randomised trial in rakai, uganda	Sexually Transmitted Infections	10.1136/sextrans-2013-051293	Population (did not report data from PrEP users)
Toh, 2022	Evaluation of Clinical, Gram Stain, and Microbiological Cure Outcomes in Men Receiving Azithromycin for Acute Nongonococcal Urethritis: Discordant Cures Are Associated with Mycoplasma genitalium Infection	Sexually Transmitted Diseases	10.1097/OLQ.0000000000001509	Population (did not report data from PrEP users)
Tomusiak, 2013	Bacterial infections of the lower genital tract in fertile and infertile women from the south-eastern Poland	Ginekologia Polska	NR	Population (did not report data from PrEP users)
Tomusiak, 2013	Bacterial infections of the lower genital tract in fertile and infertile women from the southeastern Poland	Ginekologia Polska	NR	Population (did not report data from PrEP users)
Torrone, 2021	Prevalence of Urogenital Mycoplasma genitalium Infection, United States, 2017 to 2018	Sexually transmitted diseases	10.1097/OLQ.0000000000001394	Population (did not report data from PrEP users)
Tovo, 2021	Molecular epidemiology of human papillomaviruses, neisseria gonorrhoeae, chlamydia trachomatis and mycoplasma genitalium among female sex workers in burkina faso: Prevalence, coinfections and drug resistance genes	Tropical Medicine and Infectious Disease	10.3390/tropicalmed6020090	Population (did not report data from PrEP users)
Trent, 2018	Clinical and sexual risk correlates of Mycoplasma genitalium in urban pregnant and non-pregnant young women: Cross-sectional outcomes using the baseline data from the Women's BioHealth Study	Sexually Transmitted Infections	10.1136/sextrans-2017-053367	Population (did not report data from PrEP users)
Trent, 2020	Clearance of mycoplasma genitalium and trichomonas vaginalis among adolescents and young adults with pelvic inflammatory disease: Results from the tech-N study	Sexually Transmitted Diseases	10.1097/OLQ.0000000000001221	Population (did not report data from PrEP users)

Treviño, 2021	Mycoplasma genitalium in Primary Care: Prevalence and azithromycin resistance in Santiago de Compostela Health Care Area	Revista Espanola de Quimioterapia	10.37201/req/052.2021	Population (did not report data from PrEP users)
Trevis, 2018	Mycoplasma genitalium in the Far North Queensland backpacker population: An observational study of prevalence and azithromycin resistance	PLoS ONE	10.1371/journal.pone.0202428	Population (did not report data from PrEP users)
Tucker, 2018	Mycoplasma genitalium: an important sexually transmitted infection comes into focus	Sexually transmitted infections	10.1136/sextrans-2017-053517	Population (did not report data from PrEP users)
Twin, 2011	Comparison of two Mycoplasma genitalium real-time PCR detection methodologies	Journal of Clinical Microbiology	10.1128/JCM.02328-10	Population (did not report data from PrEP users)
Tyulenev, 2020	Sexually transmitted infections in asymptomatic men who have sex with men	Klinicheskaya Dermatologiya i Venerologiya	10.17116/klinderma202019061802	Full text not found
Upton, 2018	Diagnosis of Chlamydia trachomatis, Neisseria gonorrhoeae, Trichomonas vaginalis and Mycoplasma genitalium: An observational study of testing patterns, prevalence and co-infection rates in northern New Zealand	Sexual Health	10.1071/SH17110	Population (did not report data from PrEP users)
Van Der Pol, 2020	A profile of the cobas® TV/ MG test for the detection of Trichomonas vaginalis and Mycoplasma genitalium	Expert Review of Molecular Diagnostics	10.1080/14737159.2020.1714440	Population (did not report data from PrEP users)
Van Der Pol, 2020	Mycoplasma genitalium detection in urogenital specimens from symptomatic and asymptomatic men and women by use of the cobas TV/MG test	Journal of Clinical Microbiology	10.1128/JCM.02124-19	Population (did not report data from PrEP users)
Van Der Pol, 2021	Trichomonas vaginalis Detection in Urogenital Specimens from Symptomatic and Asymptomatic Men and Women by Use of the cobas TV/MG Test	J Clin Microbiol	10.1128/jcm.00264-21	Population (did not report data from PrEP users)
Van Der Veer, 2016	Trichomonas vaginalis and Mycoplasma genitalium: Age-specific prevalence and disease burden in men attending a sexually transmitted infections clinic in Amsterdam, the Netherlands	Sexually Transmitted Infections	10.1136/sextrans-2015-052118	Population (did not report data from PrEP users)
Van Dijck, 2022	Gonococcal bacterial load in PrEP users with Mycoplasma genitalium coinfection	International Journal of STD and AIDS	10.1177/09564624211048678	Outcome
Van Praet, 2019	Prevalence and macrolide resistance of mycoplasma genitalium after initiation of HIV preexposure prophylaxis	Open Forum Infectious Diseases	10.1093/ofid/ofz359.063	Duplicate data
Vandepitte, 2012	Clinical characteristics associated with mycoplasma genitalium infection among women at high risk of HIV and other STI in Uganda	Sexually Transmitted Diseases	10.1097/OLQ.0b013e31824b1cf3	Population (did not report data from PrEP users)
Vandepitte, 2012	Prevalence and correlates of mycoplasma genitalium infection among female sex workers in Kampala, Uganda	Journal of Infectious Diseases	10.1093/infdis/jir733	Population (did not report data from PrEP users)
Vandepitte, 2013	Alcohol use, mycoplasma genitalium, and other STIs associated with HIV incidence among women at high risk in Kampala, Uganda	Journal of Acquired Immune Deficiency Syndromes	10.1097/QAI.0b013e3182777167	Population (did not report data from PrEP users)
Vandepitte, 2013	Natural history of mycoplasma genitalium infection in a cohort of female sex workers in Kampala, Uganda	Sexually Transmitted Diseases	10.1097/OLQ.0b013e31828bfccf	Population (did not report data from PrEP users)

Vandepitte, 2014	Association between Mycoplasma genitalium infection and HIV acquisition among female sex workers in Uganda: Evidence from a nested case-control study	Sexually Transmitted Infections	10.1136/sextrans-2013-051467	Population (did not report data from PrEP users)
Varma, 2021	Low Awareness of Mycoplasma genitalium in Men Who Have Sex With Men in Sydney, Australia	Sexually transmitted diseases	10.1097/OLQ.0000000000001487	Outcome
Vazquez, 2020	Pelvic Inflammatory Disease Due to Mycoplasma genitalium: A Character in Search of an Author	Clinical Infectious Diseases	10.1093/cid/ciaa506	Population (did not report data from PrEP users)
Veiga, 2020	Colonisation of the male reproductive tract in asymptomatic infertile men: Effects on semen quality	Andrologia	10.1111/and.13637	Population (did not report data from PrEP users)
Vica, 2015	DETERMINATION OF SEXUALLY TRANSMITTED DISEASES FREQUENCY BY SIMULTANEOUS DETECTION OF SIX PATHOGENS USING PCR METHODS	Journal of Environmental Protection and Ecology	NR	Population (did not report data from PrEP users)
Vielot, 2015	The role of chlamydia trachomatis in high-risk human papillomavirus persistence among female sex workers in Nairobi, Kenya	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000287	Population (did not report data from PrEP users)
Vives, 2021	Epidemiological, clinical and laboratory differences between male urethral infections due to Haemophilus spp. and those due to Neisseria gonorrhoeae, Chlamydia trachomatis, Mycoplasma genitalium and Ureaplasma urealyticum: A descriptive study	Archivio Italiano Di Urologia E Andrologia	10.4081/aiua.2021.4.468	Population (did not report data from PrEP users)
Vodstrcil, 2022	Combination Therapy for Mycoplasma genitalium, and New Insights Into the Utility of parC Mutant Detection to Improve Cure	Clinical Infectious Diseases	10.1093/cid/ciab1058	Population (did not report data from PrEP users)
Walker, 2011	The difference in determinants of Chlamydia trachomatis and Mycoplasma genitalium in a sample of young Australian women'	BMC Infectious Diseases	10.1186/1471-2334-11-35	Population (did not report data from PrEP users)
Walker, 2013	Mycoplasma genitalium Incidence, Organism Load, and treatment failure in a cohort of young Australian women	Clinical Infectious Diseases	10.1093/cid/cis1210	Population (did not report data from PrEP users)
Wallis, 2019	Mycoplasma genitalium testing in clinical practice: Prevalence and resistance rates in a south London sexual health clinic	Sexually Transmitted Infections	10.1136/sextrans-2019-sti.686	Population (did not report data from PrEP users)
Wang, 2012	The prevalence of six species of Mycoplasmataceae in an HIV/AIDS population in Jiangsu Province, China	International Journal of STD and AIDS	10.1258/ijsa.2009.009396	Population (did not report data from PrEP users)
Wang, 2018	Loop-mediated isothermal amplification on crude DNA as a point-of-care test for the diagnosis of mycoplasma-related vaginitis during early pregnancy	Lab Medicine	10.1093/labmed/lmx063	Population (did not report data from PrEP users)
Wang, 2019	Association between asymptomatic sexually transmitted infections and high-risk human papillomavirus in cervical lesions	Journal of International Medical Research	10.1177/0300060519865633	Population (did not report data from PrEP users)
Wang, 2020	Prevalence of co-infections with other sexually transmitted infections in patients newly diagnosed with anogenital warts in Guangzhou, China	International Journal of STD and AIDS	10.1177/0956462419890496	Population (did not report data from PrEP users)
Wang, 2022	Mycoplasma genitalium Infection Is Not Associated With Genital Tract Inflammation Among Adolescent and Young Adult Women in Baltimore, Maryland	Sexually Transmitted Diseases	10.1097/OLQ.0000000000001524	Full text not found

Wendt, 2019	Prospective evaluation study on the benefit of the simultaneous detection of seven sexually transmitted pathogens for the clinical management of patients suffering from sexually transmitted diseases	Journal of Laboratory Medicine	10.1515/labmed-2018-0322	Population (did not report data from PrEP users)
Wesbonk, 2014	Prevalence and determinants of sexually transmitted infections in women at risk undergoing abortion in a swiss primary care setting	Praxis	10.1024/1661-8157/a001724	Population (did not report data from PrEP users)
Wetmore, 2011	Demographic, behavioral, and clinical characteristics of men with nongonococcal urethritis differ by etiology: A case-comparison study	Sexually Transmitted Diseases	10.1097/OLQ.0b013e3182040de9	Population (did not report data from PrEP users)
Wiringa, 2020	Trichomonas vaginalis, endometritis and sequelae among women with clinically suspected pelvic inflammatory disease	Sexually Transmitted Infections	10.1136/sextrans-2019-054079	Population (did not report data from PrEP users)
Wohlmeister, 2016	Association of human papillomavirus and Chlamydia trachomatis with intraepithelial alterations in cervix samples	Memorias do Instituto Oswaldo Cruz	10.1590/0074-02760150330	Population (did not report data from PrEP users)
Woo-Jin, 2013	PCR-based Investigation of Infection Patterns in Patients with Pelvic Inflammatory Diseases in Jeju	Laboratory Medicine Online	NR	Population (did not report data from PrEP users)
Wood, 2020	Sequence variation and immunogenicity of the Mycoplasma genitalium MgpB and MgpC adherence proteins during persistent infection of men with non-gonococcal urethritis	PLoS ONE	10.1371/journal.pone.0240626	Population (did not report data from PrEP users)
Wood, 2021	Vaginal Mycoplasmataceae colonization and association with immune mediators in pregnancy	Journal of Maternal-Fetal and Neonatal Medicine	10.1080/14767058.2019.1663820	Population (did not report data from PrEP users)
Woodward, 2021	Using multiplex nucleic acid amplification tests in the diagnosis and screening for trichomonas vaginalis and mycoplasma genitalium	International Journal of STD and AIDS	10.1177/0956462420987415	Population (did not report data from PrEP users)
Wu, 2013	Mycoplasmas infection in male HIV/AIDS patients in Jiangsu, China	Microbial Pathogenesis	10.1016/j.micpath.2013.06.003	Population (did not report data from PrEP users)
Xiang, 2012	Risk factors for Mycoplasma genitalium infection among female sex workers: a cross-sectional study in two cities in southwest China	BMC public health	NR	Population (did not report data from PrEP users)
Xiao, 2019	Mycoplasma genitalium infections with macrolide and fluoroquinolone resistance-Associated mutations in heterosexual african American couples in Alabama	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000891	Population (did not report data from PrEP users)
Xie, 2021	Investigation of the association between ten pathogens causing sexually transmitted diseases and high-risk human papilloma virus infection in shanghai	Molecular and Clinical Oncology	10.3892/mco.2021.2294	Population (did not report data from PrEP users)
Xiu, 2019	Simultaneous detection of eleven sexually transmitted agents using multiplexed PCR coupled with MALDI-TOF analysis	Infection and Drug Resistance	10.2147/idr.S219580	Population (did not report data from PrEP users)
Yagur, 2021	Characteristics of pelvic inflammatory disease caused by sexually transmitted disease – An epidemiologic study	Journal of Gynecology Obstetrics and Human Reproduction	10.1016/j.jogoh.2021.102176	Population (did not report data from PrEP users)
Yeganeh, 2013	A survey on the prevalence of chlamydia trachomatis and mycoplasma genitalium infections in symptomatic and asymptomatic men referring to urology clinic of Labbafinejad Hospital, Tehran, Iran	Iranian Red Crescent Medical Journal	10.5812/ircmj.8600	Population (did not report data from PrEP users)

Yew, 2011	Letters to the editor induced macrolide resistance in mycoplasma genitalium isolates from patients with recurrent nongonococcal urethritis	Journal of Clinical Microbiology	10.1128/JCM.02475-10	Population (did not report data from PrEP users)
Yin, 2013	Association of sexually transmitted infections with high-risk human papillomavirus types: a survey with 802 female sex workers in china	Sex Transm Dis	10.1097/OLQ.0b013e31828b32b8	Population (did not report data from PrEP users)
Yow, 2014	Detection of infectious organisms in archival prostate cancer tissues	BMC Cancer	10.1186/1471-2407-14-579	Population (did not report data from PrEP users)
Zahirnia, 2018	Frequency of chlamydia trachomatis, mycoplasma genitalium, and ureaplasma urealyticum isolated from vaginal samples of women in Kerman, Iran	Archives of Clinical Infectious Diseases	10.5812/archcid.65334	Population (did not report data from PrEP users)
Zanotta, 2019	Emerging role for Ureaplasma parvum serovar 3: Active infection in women with silent high-risk human papillomavirus and in women with idiopathic infertility	Journal of Cellular Physiology	10.1002/jcp.28423	Population (did not report data from PrEP users)
Zanotta, 2019	Merkel Cell Polyomavirus Is Associated with Anal Infections in Men Who Have Sex with Men	Microorganisms	10.3390/microorganisms7020054	Population (did not report data from PrEP users)
Ze-Chen, 2018	Impact of Mycoplasma genitalium infection on the semen quality of infertile males	National Journal of Andrology	NR	Full text not found
Zhang, 2021	Prevalence and correlates of Mycoplasma genitalium infection among patients attending a sexually transmitted infection clinic in Guangdong, China: a cross-sectional study	BMC Infectious Diseases	10.1186/s12879-021-06349-4	Population (did not report data from PrEP users)
Zhao, 2019	Mycoplasma Genitalium and Mycoplasma Hominis are prevalent and correlated with HIV risk in MSM: A cross-sectional study in Shenyang, China	BMC Infectious Diseases	10.1186/s12879-019-4138-5	Population (did not report data from PrEP users)
Zheng, 2014	An epidemiological study of mycoplasma genitalium infections among males attending a sexually transmitted disease clinic in Guangxi, China	Japanese Journal of Infectious Diseases	10.7883/yoken.67.17	Population (did not report data from PrEP users)
Zheng, 2014	The prevalence of urethral and rectal Mycoplasma genitalium among men who have sex with men in China, a cross-sectional study	BMC public health	10.1186/1471-2458-14-195	Population (did not report data from PrEP users)
Zhou, 2022	Single gene targeted nanopore sequencing enables simultaneous identification and antimicrobial resistance detection of sexually transmitted infections	PLoS ONE	10.1371/journal.pone.0262242	Population (did not report data from PrEP users)
Zimba, 2011	Aetiology of sexually transmitted infections in Maputo, Mozambique	Journal of Infection in Developing Countries	NR	Population (did not report data from PrEP users)

Supplementary material 4: Critical appraisal of included studies with JBI Critical Appraisal Checklist for Prevalence Studies.

Study	Question								
	1	2	3	4	5	6	7	8	9
Berçot et al., 2021	Yes	Yes	Unclear	Yes	Yes	Yes	Yes	Yes	Yes
Bradley et al., 2020	Yes	No	Unclear	Yes	Unclear	Yes	Yes	Yes	No
Brin et al., 2022	Yes	No	Unclear	No	Unclear	Yes	Yes	Yes	Unclear
Chambers et al., 2019	No	No	No	Yes	Unclear	Yes	No	Yes	No
Couldwell et al., 2018	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes
DeBaetselier et al., 2022	No	Unclear	No	No	Unclear	Yes	Yes	Yes	Unclear
Deborde et al., 2019 and Ducours et al., 2019	Yes	Unclear	Unclear	No	Unclear	Yes	Yes	Yes	Unclear
Guiraud et al., 2021	No	No	Unclear	Yes	Unclear	Yes	Yes	Yes	Unclear
Herms et al., 2021	Yes	No	Unclear	Yes	Yes	Yes	Yes	Yes	Yes
Jansen et al., 2020	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Mclver et al., 2019	No	No	Unclear	Yes	Yes	Yes	Yes	Yes	Yes
Read et al., 2019 and Chua et al., 2021	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Richardson et al., 2021	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes
Streck et al., 2022	No	No	Unclear	Yes	Yes	Yes	Yes	Yes	Yes
Van Praet et al., 2020	No	No	Unclear	Yes	Yes	Yes	Yes	Yes	Yes

Below, we present the rationale used for judging each question.

1. Was the sample frame appropriate to address the target population? This question assesses the risk of bias arising from differences between the sample evaluated and the target population, which may be caused by selecting an unrepresentative sample frame of the target population. We considered the sample frame appropriate when we judged it was likely to represent the complete population of interest (for instance, if the target population was “men attending a STI clinic”, an appropriate sample frame would be “a list of all male patients attended in that STI clinic” and an inappropriate sample frame would be “men attended the STI clinic in May”). If the authors did not clearly describe the target population, we assumed the target population as PrEP users in the country(s) of conduction of the study and assessed if the sample frame was appropriate to represent this population.

2. Were study participants recruited in an appropriate way? This question also assesses risk of bias arising from differences between the sample evaluated and the target population, which may be caused by using an inappropriate sampling method. We considered the recruitment appropriate if the authors used random sampling of the target population. Consecutive or convenience sampling was not considered appropriate. If all patients from the population were included, this question was answered “Yes”.

3. Was the sample size adequate? This question assesses issues related to the precision of estimates. We considered the sample size adequate when authors provided a justified sample size estimation and reached this planned sample size. When no sample size estimation was provided, the answer to this question was “Unclear”.

4. Were the study subjects and setting described in detail? This question assesses the reporting quality of the study. We consider the description of the subjects and setting adequate if authors reported at least the following variables: age, sex, gender, place of conduction of the study, years of data collection, samples used for analysis and method for MG detection.

5. Was data analysis conducted with sufficient coverage of the identified sample? This question assesses risk of bias arising from differences between the sample evaluated and the target population, which may be caused by differences between responders and non-

responders. The coverage was considered sufficient when there was a high response rate ($\geq 80\%$) or when authors presented the characteristics from patients included and excluded from the final sample and there were no important differences between them.

6. Were valid methods used for the identification of the condition? This question assesses risk of bias arising from inadequate measurement of the condition of interest, considering that the use of invalid methods may lead to misclassification of participants regarding the presence or absence of the condition of interest. We only included in our review studies that used valid methods to identify MG infection; therefore, all studies presented low risk of bias related to this question.

7. Was the condition measured in a standard, reliable way for all participants? This question also assessed risk of bias arising from inadequate measurement of the condition of interest, specifically bias that can be present if different methods to identify the condition of interest are applied in different participants of the study. If all patients were evaluated in the same way, this question was answered as “Yes”.

8. Was there appropriate statistical analysis?

For complex samples, statistical analysis should incorporate the sampling design. For simple samples, the answer was “Yes”.

9. Was the response rate adequate, and if not, was the low response rate managed appropriately? This question also assesses the risk of bias arising from differences between the sample evaluated and the target population. Response rate was considered adequate if it was 80% or more. Low response rates should be managed by sensitivity analysis to be considered appropriately handled.

Supplementary material 5: Quality of evidence assessment with GRADE.

n of participants (n of studies)	Risk of bias	Inconsistency	Indirectness	Imprecision	Publication bias	Quality of evidence	Summary of evidence
MG infection - point prevalence							
2,135 participants (12 studies)	serious ^a	not serious	not serious	not serious	not detected	⊕⊕⊕ MODERATE	16.68% (95%CI 13.57-20.33) 95%PI 8.15-31.09
Macrolide-resistant MG infection - point prevalence							
63 participants (3 studies)	serious ^a	not serious	not serious	serious ^b	not detected	⊕⊕ LOW	82.58% (95%CI 70.07-90.57) 95%PI 4.66-99.78
Fluoroquinolone-resistant MG infection - point prevalence							
14 participants (1 study)	serious ^a	not serious	not serious	very serious ^c	not detected	⊕ VERY LOW	14.29% (95%CI 1.78-42.81)

95%CI: 95% confidence interval; 95%PI: 95% prediction interval; MG: *Mycoplasma genitalium*.

^a Studies presented important risk of bias arising from the identification and inclusion of participants in the sample, which may lead to differences between the sample evaluated and the target population.

^b Few patients included in the analysis and wide confidence interval.

^c Very few patients included in the analysis and very wide confidence interval.

Supplementary Material 6: Sensitivity analyses.

Figure 1: Prevalence of MG infection among PrEP users, estimated with Freeman-Tukey double arcsine as the transformation method for prevalence estimates.

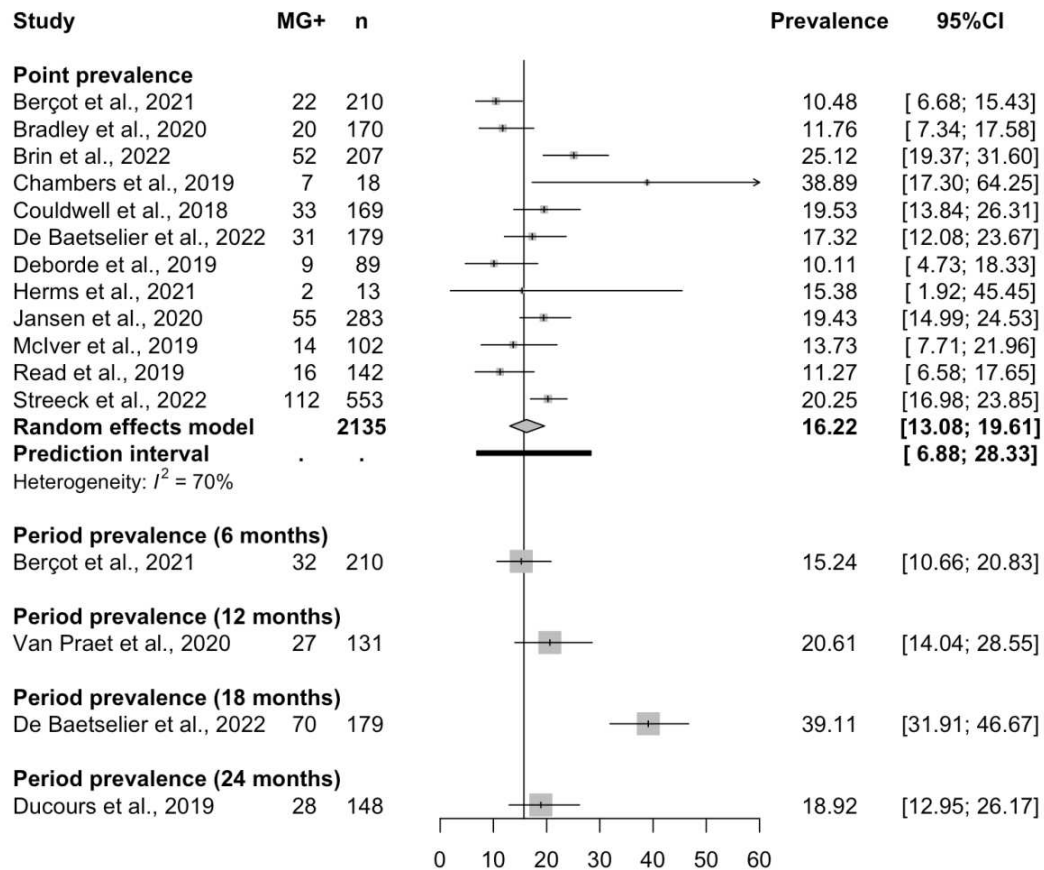
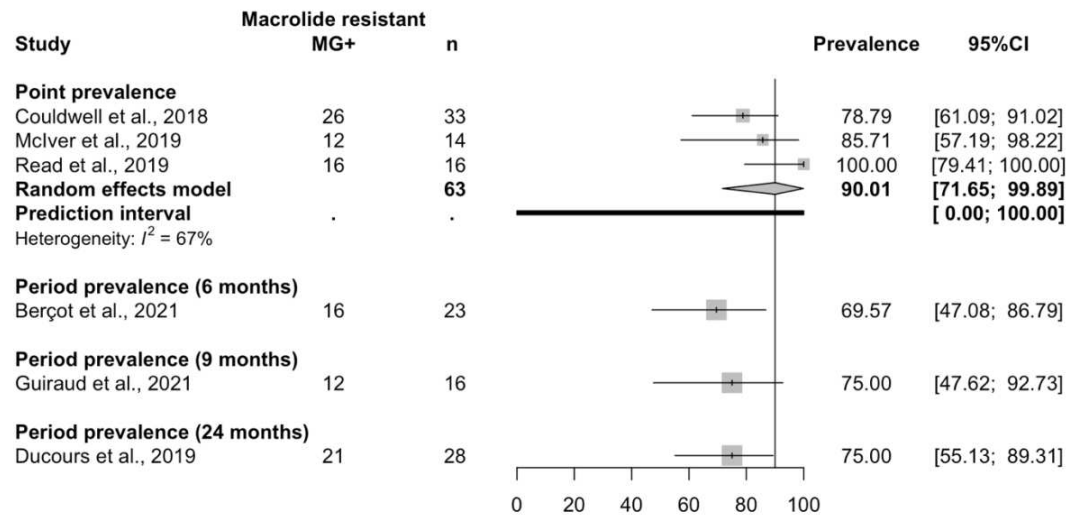
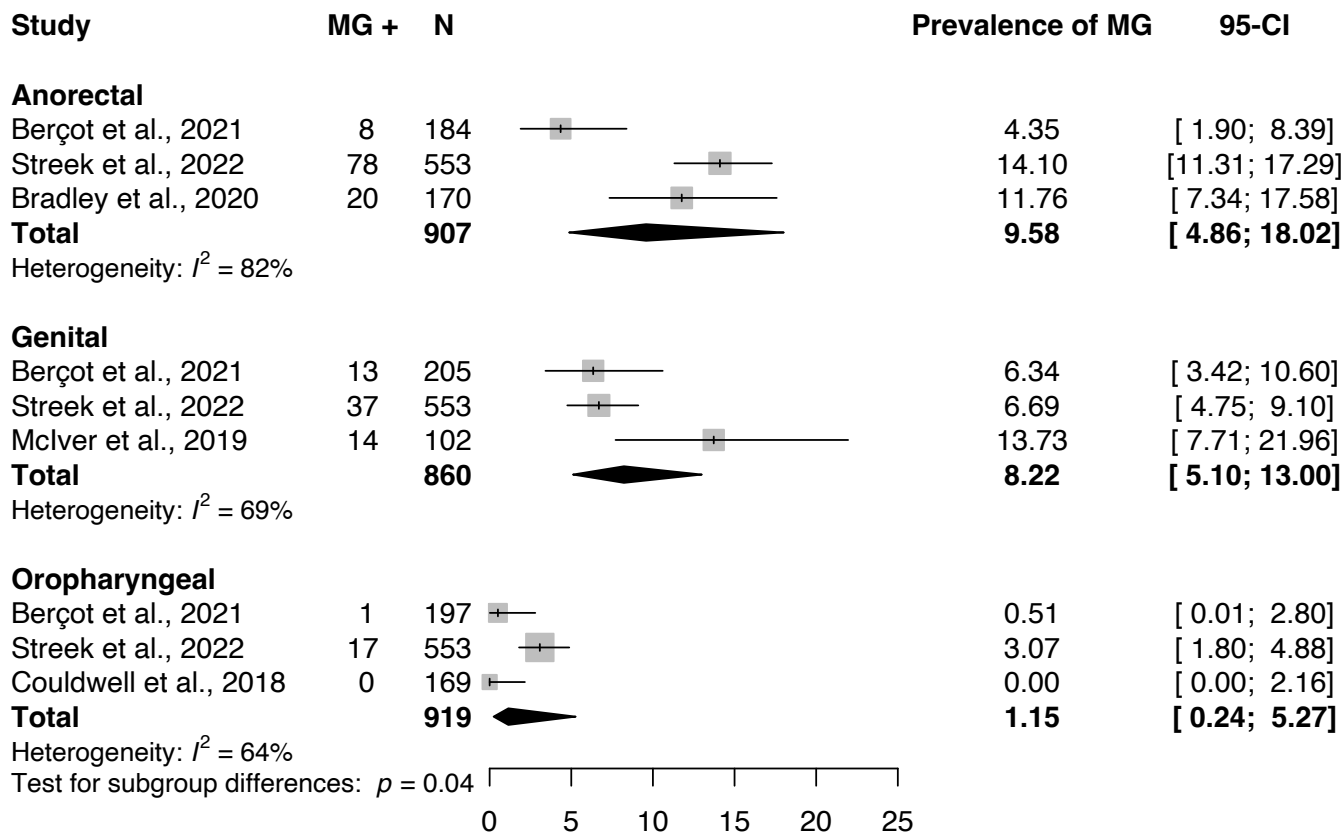


Figure 2: Prevalence of macrolide-resistant MG infection among PrEP users, estimated with Freeman-Tukey double arcsine as the transformation method for prevalence estimates.





RESUMO

Objetivos: Sumarizar a prevalência de infecção por *Mycoplasma genitalium* (MG) e MG resistente a antibióticos em indivíduos usando a profilaxia pré-exposição ao HIV (PrEP).

Métodos: Foi realizada busca nas bases MEDLINE, Embase, Web of Science e Global Index Medicus até 30 de setembro de 2022. Foram incluídos estudos reportando a prevalência de infecção por MG e/ou MG resistente a antibióticos em indivíduos utilizando PrEP. A seleção de estudos e extração de dados foram realizadas por dois revisores independentes. Os resultados foram sumarizados por metanálise com modelo de efeitos aleatórios. A avaliação dos estudos foi realizada com a ferramenta *JBI checklist for prevalence studies* e a avaliação da qualidade da evidência com a metodologia GRADE.

Resultados: Foram incluídos 15 estudos (2.341 indivíduos utilizando PrEP), conduzidos em países desenvolvidos entre 2014 e 2019. A mediana da idade dos indivíduos variou entre 23,5 e 40 anos. 85% eram homens, dos quais 93% eram homens que fazem sexo com homens. Foram avaliadas amostras de urina em 14 estudos, *swab* anal ou retal em 12, *swab* oral ou faríngeo em nove e *swab* uretral ou vaginal em três. A prevalência ponto da infecção por MG foi de 16,7% (intervalo de confiança de 95% [IC95%] 13,6-20,3; intervalo de predição de 95% [IP95%] 8,2-31,1). As prevalências ponto de infecções por MG resistente a macrolídeos e fluoroquinolonas foram, respectivamente, 82,6% (95%IC 70,1-90,6; 95%PI 4,7-99,8) e 14,3% (IC95% 1,8-42,8). Indivíduos usando PrEP apresentam maior chance de infecção em comparação a não usuários de PrEP (razão de chances [*odds ratio*] 2,30; IC95% 1,6-3,4). A qualidade da evidência foi avaliada como muito baixa a moderada.

Conclusão: Foi observada alta prevalência de infecções por MG e por MG resistente a macrolídeos entre indivíduos usando PrEP. Esses resultados ressaltam a necessidade de reforçar estratégias de prevenção contra infecções sexualmente transmissíveis nesta população.

Palavras-chave: *Mycoplasma genitalium*, resistência a antibióticos, resistência antimicrobiana, profilaxia pré-exposição ao HIV, PrEP, prevalência

1 ZUSAMMENFASSUNG

2 **Ziele:** Zusammenfassung der Prävalenz von Mycoplasma genitalium (MG) und
3 antibiotikaresistenter MG-Infektion bei Nutzer*innen der HIV-Präexpositionsprophylaxe
4 (PrEP).

5 **Methoden:** Es wurde eine Recherche in den elektronischen Datenbanken MEDLINE, Embase,
6 Web of Science und Global Index Medicus bis zum 30. September 2022 durchgeführt.
7 Eingeschlossen wurden Studien zur Prävalenz von MG und/oder antibiotikaresistenten MG-
8 Infektionen bei PrEP-Nutzenden. Zwei unabhängige Reviewer identifizierten Studien und
9 extrahierten Daten. Es wurde ein systematischer Review und eine Metaanalyse mit zufälligen
10 Effekten durchgeführt, um die Ergebnisse quantitativ zu synthetisieren. Es erfolgte eine
11 kritische Bewertung der eingeschlossenen Studien anhand der JBI-Checkliste für
12 Prävalenzstudien und eine Bewertung der Qualität der Evidenz mittels GRADE.

13 **Ergebnisse:** Insgesamt wurden 15 Studien in den systematischen Review eingeschlossen,
14 welche 2.341 PrEP-Nutzende erfassten. Diese Studien wurden in Ländern mit hohem
15 Einkommensniveau zwischen 2014 und 2019 durchgeführt. Das mediane Alter der
16 Teilnehmenden lag zwischen 23,5 und 40 Jahren. Die meisten Teilnehmenden waren männlich
17 (85%), und 93% von ihnen waren Männer, die Sex mit Männern haben (MSM). Zum Nachweis
18 von MG wurden in 14 Studien Urinproben, in 12 Studien rektale oder anale Abstriche, in neun
19 Studien orale oder pharyngeale Abstriche und in drei Studien urethrale oder vaginale Abstriche
20 untersucht. Die gepoolte Punktprävalenz von MG unter PrEP-Nutzenden betrug 16,7% (95%-
21 Konfidenzintervall [95%KI] 13,6-20,3; 95%-Vorhersageintervall [95%VI] 8,2-31,1). Die
22 gepoolte Punktprävalenz von makrolidresistenten Infektionen lag bei 82,6% (95%KI 70,1-
23 90,6; 95%VI 4,7-99,8) und die Prävalenz von fluorochinolonresistenten Infektionen bei 14,3%
24 (95%KI 1,8-42,8). PrEP-Nutzende haben ein höheres Risiko, sich mit MG zu infizieren, als
25 Personen, die keine PrEP einnehmen (Odds Ratio [OR] 2,30; 95%KI 1,6-3,4). Die Qualität der
26 Evidenz reichte von sehr niedrig bis zu moderat.

27 **Schlussfolgerung:** Es wurde eine hohe Prävalenz von MG und Makrolidresistenz unter PrEP-
28 Nutzenden beobachtet. Dies unterstreicht die Notwendigkeit, Präventionsstrategien gegen
29 sexuell übertragbare Infektionen in dieser Bevölkerungsgruppe zu verstärken.

30

31 **Schlüsselwörter:** Mycoplasma genitalium, Arzneimittelresistenz, antimikrobielle Resistenz,
32 HIV-Präexpositionsprophylaxe, PrEP, Prävalenz

Supplementary material 2: PRISMA statement.

Table 1: PRISMA 2020 Checklist.

Section and Topic	Item #	Checklist item	Location where item is reported
TITLE			
Title	1	Identify the report as a systematic review.	Yes. Title.
ABSTRACT			
Abstract	2	See the PRISMA 2020 for Abstracts checklist.	See Table 2, below.
INTRODUCTION			
Rationale	3	Describe the rationale for the review in the context of existing knowledge.	Yes. Introduction.
Objectives	4	Provide an explicit statement of the objective(s) or question(s) the review addresses.	Yes. Last sentence of the introduction.
METHODS			
Eligibility criteria	5	Specify the inclusion and exclusion criteria for the review and how studies were grouped for the syntheses.	Yes. Methods - Study selection and eligibility criteria.
Information sources	6	Specify all databases, registers, websites, organisations, reference lists and other sources searched or consulted to identify studies. Specify the date when each source was last searched or consulted.	Yes. Methods - Search strategy.
Search strategy	7	Present the full search strategies for all databases, registers and websites, including any filters and limits used.	Yes. Supplementary material 2.
Selection process	8	Specify the methods used to decide whether a study met the inclusion criteria of the review, including how many reviewers screened each record and each report retrieved, whether they worked independently, and if applicable, details of automation tools used in the process.	Yes. Methods - Study selection and eligibility criteria.
Data collection process	9	Specify the methods used to collect data from reports, including how many reviewers collected data from each report, whether they worked independently, any processes for obtaining or confirming data from study investigators, and if applicable, details of automation tools used in the process.	Yes. Methods - Data extraction.
Data items	10a	List and define all outcomes for which data were sought. Specify whether all results that were compatible with each outcome domain in each study were sought (e.g. for all measures, time points, analyses), and if not, the methods used to decide which results to collect.	Yes. Methods - Data extraction.
	10b	List and define all other variables for which data were sought (e.g. participant and intervention characteristics, funding sources). Describe any assumptions made about any missing or unclear information.	Yes. Methods - Data extraction.
Study risk of bias assessment	11	Specify the methods used to assess risk of bias in the included studies, including details of the tool(s) used, how many reviewers assessed each study and whether they worked independently, and if applicable, details of automation tools used in the process.	Yes. Methods - Critical appraisal of included studies and assessment of quality of evidence.
Effect measures	12	Specify for each outcome the effect measure(s) (e.g. risk ratio, mean difference) used in the synthesis or presentation of results.	Yes. Methods - Data analysis.
Synthesis methods	13a	Describe the processes used to decide which studies were eligible for each synthesis (e.g. tabulating the study intervention characteristics and comparing against the planned groups for each synthesis (item #5)).	Yes. Methods - Data analysis.
	13b	Describe any methods required to prepare the data for presentation or synthesis, such as handling of missing	Yes. Methods - Data

Section and Topic	Item #	Checklist item	Location where item is reported
		summary statistics, or data conversions.	analysis.
	13c	Describe any methods used to tabulate or visually display results of individual studies and syntheses.	Yes. Methods - Data analysis.
	13d	Describe any methods used to synthesize results and provide a rationale for the choice(s). If meta-analysis was performed, describe the model(s), method(s) to identify the presence and extent of statistical heterogeneity, and software package(s) used.	Yes. Methods - Data analysis.
	13e	Describe any methods used to explore possible causes of heterogeneity among study results (e.g. subgroup analysis, meta-regression).	Yes. Methods - Data analysis.
	13f	Describe any sensitivity analyses conducted to assess robustness of the synthesized results.	Yes. Methods - Data analysis.
Reporting bias assessment	14	Describe any methods used to assess risk of bias due to missing results in a synthesis (arising from reporting biases).	Yes. Methods - Data analysis.
Certainty assessment	15	Describe any methods used to assess certainty (or confidence) in the body of evidence for an outcome.	Yes. Methods - Critical appraisal of included studies and assessment of quality of evidence.
RESULTS			
Study selection	16a	Describe the results of the search and selection process, from the number of records identified in the search to the number of studies included in the review, ideally using a flow diagram.	Yes. Results - Study selection and Figure 1.
	16b	Cite studies that might appear to meet the inclusion criteria, but which were excluded, and explain why they were excluded.	Yes. Results - Study selection, Figure 1 and Supplementary material 3.
Study characteristics	17	Cite each included study and present its characteristics.	Yes. Results - Main characteristics of included studies and Tables 1 and 2.
Risk of bias in studies	18	Present assessments of risk of bias for each included study.	Yes. Results - Risk of bias and quality of evidence and Supplementary material 4.
Results of individual studies	19	For all outcomes, present, for each study: (a) summary statistics for each group (where appropriate) and (b) an effect estimate and its precision (e.g. confidence/credible interval), ideally using structured tables or plots.	Yes. Figures 2, 3 and 4.
Results of syntheses	20a	For each synthesis, briefly summarise the characteristics and risk of bias among contributing studies.	Yes. Risk of bias and quality of evidence and Supplementary material 5.
	20b	Present results of all statistical syntheses conducted. If meta-analysis was done, present for each the summary estimate and its precision (e.g. confidence/credible interval) and measures of statistical heterogeneity. If comparing groups, describe the direction of the effect.	Yes. Results - Prevalence of MG infection, Prevalence of macrolide-resistant MG infection, Prevalence of fluoroquinolone-resistant MG infection, Prevalence of tetracycline-resistant MG infection and Figures 2, 3 and 4.

Section and Topic	Item #	Checklist item	Location where item is reported
	20c	Present results of all investigations of possible causes of heterogeneity among study results.	Yes. Figure 2, 3, 4.
	20d	Present results of all sensitivity analyses conducted to assess the robustness of the synthesized results.	Yes. Supplementary material 6.
Reporting biases	21	Present assessments of risk of bias due to missing results (arising from reporting biases) for each synthesis assessed.	Not applicable.
Certainty of evidence	22	Present assessments of certainty (or confidence) in the body of evidence for each outcome assessed.	Yes. Supplementary material 5.
DISCUSSION			
Discussion	23a	Provide a general interpretation of the results in the context of other evidence.	Yes. Discussion.
	23b	Discuss any limitations of the evidence included in the review.	Yes. Discussion.
	23c	Discuss any limitations of the review processes used.	Yes. Discussion.
	23d	Discuss implications of the results for practice, policy, and future research.	Yes. Discussion.
OTHER INFORMATION			
Registration and protocol	24a	Provide registration information for the review, including register name and registration number, or state that the review was not registered.	Yes. Methods - Study design and protocol.
	24b	Indicate where the review protocol can be accessed, or state that a protocol was not prepared.	Yes. Methods - Study design and protocol.
	24c	Describe and explain any amendments to information provided at registration or in the protocol.	Yes. See protocol.
Support	25	Describe sources of financial or non-financial support for the review, and the role of the funders or sponsors in the review.	Yes. Funding.
Competing interests	26	Declare any competing interests of review authors.	Yes. Competing interests.
Availability of data, code and other materials	27	Report which of the following are publicly available and where they can be found: template data collection forms; data extracted from included studies; data used for all analyses; analytic code; any other materials used in the review.	Yes. Data availability statement.

Table 2: PRISMA 2020 for Abstracts Checklist.

Section and Topic	Item #	Checklist item	Reported (Yes/No)
TITLE			
Title	1	Identify the report as a systematic review.	Yes. Title.
BACKGROUND			
Objectives	2	Provide an explicit statement of the main objective(s) or question(s) the review addresses.	Yes. Item: Objectives
METHODS			
Eligibility criteria	3	Specify the inclusion and exclusion criteria for the review.	Yes. Item: Methods
Information sources	4	Specify the information sources (e.g. databases, registers) used to identify studies and the date when each was last searched.	Yes. Item: Methods
Risk of bias	5	Specify the methods used to assess risk of bias in the included studies.	Yes. Item: Methods
Synthesis of results	6	Specify the methods used to present and synthesise results.	Yes. Item: Methods
RESULTS			
Included studies	7	Give the total number of included studies and participants and summarise relevant characteristics of studies.	Yes. Item: Results.
Synthesis of results	8	Present results for main outcomes, preferably indicating the number of included studies and participants for each. If meta-analysis was done, report the summary estimate and confidence/credible interval. If comparing groups, indicate the direction of the effect (i.e. which group is favoured).	Yes. Item: Results.
DISCUSSION			
Limitations of evidence	9	Provide a brief summary of the limitations of the evidence included in the review (e.g. study risk of bias, inconsistency and imprecision).	Yes. Item: Results (quality of evidence assessment).
Interpretation	10	Provide a general interpretation of the results and important implications.	Yes. Item: Conclusion
OTHER			
Funding	11	Specify the primary source of funding for the review.	Not applicable.
Registration	12	Provide the register name and registration number.	Yes. Item: Methods.

Supplementary material 2: Complete search strategies.

MEDLINE (via PubMed):

#1: "Mycoplasma genitalium"[MeSH] OR "Mycoplasma genitalium"

#2: Pre-Exposure Prophylaxis[MeSH] OR "Pre-Exposure Prophylaxis" OR "Pre Exposure Prophylaxis" OR PrEP

#3: "Epidemiology"[Mesh] OR "Prevalence"[Mesh] OR "epidemiology"[Subheading]

#4: "Drug Resistance, Bacterial"[MeSH] OR (Drug Resistance Bacterial) OR (Antibacterial Drug Resistance) OR (Antibiotic Resistance Bacterial) OR (Antibiotic Resistance) OR (antimicrobial resistance) OR (macrolide resistance) OR (fluoroquinolone resistance) OR (fluorinated quinolone resistance) OR "Tetracycline Resistance"[MeSH] OR (Tetracycline Resistance)

#5: #2 OR #3 OR #4

#6: #1 AND #5

Embase:

#1: 'mycoplasma genitalium'/exp OR 'mycoplasma genitalium')

#2: 'pre-exposure prophylaxis'/exp OR 'pre-exposure prophylaxis' OR 'pre exposure prophylaxis' OR prep

#3: 'prevalence'/exp OR 'prevalence' OR 'prevalence study' OR 'epidemiology'/exp OR 'epidemiologic research' OR 'epidemiologic research design' OR 'epidemiologic studies' OR 'epidemiologic survey' OR 'epidemiological research' OR 'epidemiology'

#4: 'antibiotic resistance'/exp OR 'antibacterial drug resistance' OR 'antibacterial resistance' OR 'antibiotic non-susceptibility' OR 'antibiotic nonsusceptibility' OR 'antibiotic resistance' OR 'antimicrobial drug resistance' OR 'antimicrobial resistance' OR 'bacterial drug resistance' OR 'bacterial resistance' OR 'bacterium resistance' OR 'drug resistance, bacterial' OR 'drug resistance, microbial' OR 'microbial drug resistance' OR 'resistance, antibiotic' OR 'macrolide resistance'/exp OR 'macrolide antibiotic resistance' OR 'macrolide antimicrobial resistance' OR 'macrolide resistance' OR 'macrolides resistance' OR 'fluoroquinolone resistance'/exp OR 'fluorinated quinolone resistance' OR 'fluoro-quinolone resistance' OR 'fluoroquinolone resistance'

OR 'fluoroquinolones resistance' OR 'tetracycline resistance'/exp OR 'tetracyclin resistance' OR 'tetracycline (tc) resistance' OR 'tetracycline resistance'

#5: #2 OR #3 OR #4

#6: #1 AND #5

Web of Science:

#1: ALL=(Mycoplasma genitalium)

#2: ALL=((pre-exposure prophylaxis) OR (pre exposure prophylaxis) OR (prep))

#3: (ALL=(prevalence OR epidemiology OR epidemiological))

#4: (((((ALL=((Antibiotic Resistance))) OR ALL=((antimicrobial resistance))) OR ALL=((macrolide resistance))) OR ALL=((fluoroquinolone resistance))) OR ALL=((Tetracycline Resistance))) OR ALL=((fluorinated quinolone resistance))

#5: #2 OR #3 OR #4

#6: #1 AND #5

WHO Global Index Medicus (AIM, IMEMR, IMSEAR, LILACS, WPRO):

#1: "Mycoplasma genitalium"

Supplementary material 3: Studies excluded after full text assessment.

Author, year	Title	Journal	doi	Reason for exclusion
Abdel Salam, 2020	Frequency of Mycoplasma genitalium, Mycoplasma hominis and Ureaplasma urealyticum among Females Patients Attending Gynecology and Obstetrics Clinics at Ain shams University hospital	Journal of Pure and Applied Microbiology	10.22207/JPAM.14.2.39	Population (did not report data from PrEP users)
Abusarah, 2013	Molecular detection of potential sexually transmitted pathogens in semen and urine specimens of infertile and fertile males	Diagnostic Microbiology and Infectious Disease	10.1016/j.diagmicrobio.2013.05.018	Population (did not report data from PrEP users)
Adelantado, 2019	Macrolide-Resistant Mycoplasma genitalium in Southeastern Region of the Netherlands, 2014-2017	Emerging Infectious Diseases	10.3201/eid2511.190912	Population (did not report data from PrEP users)
Adelantado, 2019	Prevalence of Mycoplasma genitalium infection and antibiotic resistance in Navarra (North Spain)	Sexually Transmitted Infections	10.1136/sextrans-2019-054083	Population (did not report data from PrEP users)
Agger, 2014	Epidemiologic Factors and Urogenital Infections Associated With Preterm Birth in a Midwestern U.S. Population	Obstetrics and Gynecology	10.1097/aog.0000000000000470	Population (did not report data from PrEP users)
Agyarko-Poku, 2011	Aetiological agents of infective vaginal discharge among women attending a STD clinic in Kumasi, Ghana	Sexually Transmitted Infections	10.1136/sextrans-2011-050108.501	Population (did not report data from PrEP users)
Agyarko-Poku, 2013	Prevalence of mycoplasma genitalium among women attending sexually transmitted infection clinic in Kumasi, Ghana	Sexually Transmitted Infections	10.1136/sextrans-2013-051184.0689	Population (did not report data from PrEP users)
Ahaus, 2022	Changes in the user profiles of HIV pre-exposure prophylaxis (PrEP) before and after PrEP reimbursement	Journal of Infection and Public Health	10.1016/j.jiph.2022.07.012	Outcome
Ajani, 2019	Genital chlamydia trachomatis and mycoplasma genitalium among infertile women in university college hospital, Ibadan	Sexually Transmitted Infections	10.1136/sextrans-2019-sti.540	Population (did not report data from PrEP users)
Alakija, 2013	Risk factors for mycoplasma genitalium among female sex workers in Nairobi, Kenya	Sexually Transmitted Infections	10.1136/sextrans-2013-051184.0575	Population (did not report data from PrEP users)
Alfarraj, 2017	Isolation of Mycoplasma genitalium from endocervical swabs of infertile women	Saudi Medical Journal	10.15537/smj.2017.5.18820	Population (did not report data from PrEP users)
Allan-Blitz, 2018	Prevalence of Mycoplasma genitalium and Azithromycin-resistant Infections among Remnant Clinical Specimens, Los Angeles	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000829	Population (did not report data from PrEP users)
Alvarez Rodríguez, 2013	Results: Of the First HIV prevalence and risk behaviour study among female sex workers, Belize, 2012	Sexually Transmitted Infections	10.1136/sextrans-2013-051184.0566	Population (did not report data from PrEP users)
Andersson, 2021	Are Swedish swingers a risk group for sexually transmitted infections?	International Journal of STD and AIDS	10.1177/0956462420973108	Population (did not report data from PrEP users)

Andersson, 2021	Are Urogenital Symptoms Caused by Sexually Transmitted Infections and Colonizing Bacteria?	Journal of Lower Genital Tract Disease	10.1097/LGT.0000000000000608	Population (did not report data from PrEP users)
Ando, 2021	High prevalence of circulating dual-class resistant Mycoplasma genitalium in asymptomatic MSM in Tokyo, Japan	Jac-Antimicrobial Resistance	10.1093/jacamr/dlab091	Population (did not report data from PrEP users)
Andreeva, 2012	[Diagnostic and treatment patterns in management of male patients with nongonococcal urethritis: results of Russian multicentral cross-sectional study]	Antibiotiki i khimioterapii (combining double inverted breve) = Antibiotics and chemotherapy [sic] / Ministerstvo meditsinskoĭ i mikrobiologicheskoi promyshlennosti SSSR	NR	Population (did not report data from PrEP users)
Angela, 2021	Multi-year prevalence and macrolide resistance of Mycoplasma genitalium in clinical samples from a southern Italian hospital	European Journal of Clinical Microbiology and Infectious Diseases	10.1007/s10096-020-04068-3	Population (did not report data from PrEP users)
Ansejo, 2018	Mycoplasma genitalium in Spain: prevalence of genital infection and frequency of resistance to macrolides	Enfermedades Infecciosas y Microbiología Clínica	10.1016/j.eimc.2017.01.006	Population (did not report data from PrEP users)
Arda, 2018	Chronic Bacterial Prostatitis in a Turkish Population: The Microbiological Etiology and Distribution	Journal of Academic Research in Medicine-Jarem	10.5152/jarem.2018.2000	Population (did not report data from PrEP users)
Ashshi, 2015	Prevalence of 7 sexually transmitted organisms by multiplex real-time PCR in Fallopian tube specimens collected from Saudi women with and without ectopic pregnancy	BMC Infectious Diseases	10.1186/s12879-015-1313-1	Population (did not report data from PrEP users)
Averbach, 2013	Mycoplasma genitalium and preterm delivery at an urban community health center	International Journal of Gynecology and Obstetrics	10.1016/j.ijgo.2013.06.005	Population (did not report data from PrEP users)
Bachmann, 2020	Prevalence of mycoplasma genitalium infection, antimicrobial resistance mutations, and symptom resolution following treatment of urethritis	Clinical Infectious Diseases	10.1093/cid/ciaa293	Population (did not report data from PrEP users)
Bai, 2021	Sexually transmitted infections and semen quality from subfertile men with and without leukocytospermia	Reproductive Biology and Endocrinology	10.1186/s12958-021-00769-2	Population (did not report data from PrEP users)
Bainbridge, 2021	High Prevalence of Urogenital and Rectal Mycoplasma genitalium in U.S. MSM with a History of STIs in the Last Year	Open Forum Infectious Diseases	10.1093/ofid/ofab466.163	Population (did not report data from PrEP users)
Bajrovic, 2017	Mycoplasma genitalium prevalence and variability based on gender, race and sexual preference in patients attending the Oakland county health department disease clinic	Open Forum Infectious Diseases	10.1093/ofid/ofx163.506	Population (did not report data from PrEP users)
Balkus, 2016	Periodic Presumptive Treatment for Vaginal Infections May Reduce the Incidence of Sexually Transmitted Bacterial Infections	Journal of Infectious Diseases	10.1093/infdis/jiw043	Population (did not report data from PrEP users)
Balle, 2021	Hormonal contraception and risk of STIs and bacterial vaginosis in South African adolescents: Secondary analysis of a randomised trial	Sexually Transmitted Infections	10.1136/sextrans-2020-054483	Population (did not report data from PrEP users)

Barbee, 2016	An estimate of the proportion of symptomatic gonococcal, chlamydial and non-gonococcal non-chlamydial urethritis attributable to oral sex among men who have sex with men: a case-control study	Sexually Transmitted Infections	10.1136/sextrans-2015-052214	Population (did not report data from PrEP users)
Barbee, 2019	Rectal and pharyngeal M. Genitalium among men who have sex with men (MSM): Results from a longitudinal cohort study	Sexually Transmitted Infections	10.1136/sextrans-2019-sti.648	Population (did not report data from PrEP users)
Barberia, 2017	Mycoplasma genitalium Macrolide and Fluoroquinolone Resistance: Prevalence and Risk Factors Among a 2013-2014 Cohort of Patients in Barcelona, Spain	Sexually Transmitted Diseases	10.1097/olq.0000000000000631	Population (did not report data from PrEP users)
Barnabas, 2018	Converging epidemics of sexually transmitted infections and bacterial vaginosis in southern African female adolescents at risk of HIV	International Journal of STD and AIDS	10.1177/0956462417740487	Population (did not report data from PrEP users)
Basu, 2017	High macrolide resistance in mycoplasma genitalium strains causing infection in Auckland, New Zealand	Journal of Clinical Microbiology	10.1128/JCM.00370-17	Population (did not report data from PrEP users)
Batteiger, 2018	Prevalence of rectal chlamydia trachomatis (CT) and mycoplasma genitalium (mg) in a cohort of men with and without nongonococcal urethritis (ngu)	Sexually Transmitted Diseases	NR	Population (did not report data from PrEP users)
Batteiger, 2019	Detection of rectal chlamydia trachomatis in heterosexual men who report cunnilingus	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000998	Population (did not report data from PrEP users)
Bayette, 2013	Prevalence of Chlamydia trachomatis, Neisseria gonorrhoeae and Mycoplasma genitalium infections in the emergency department	Pathologie Biologie	10.1016/j.patbio.2012.04.001	Population (did not report data from PrEP users)
Bayigga, 2020	Diverse vaginal microbiome was associated with pro-inflammatory vaginal milieu among pregnant women in Uganda	Human Microbiome Journal	10.1016/j.humic.2020.100076	Population (did not report data from PrEP users)
Beesham, 2021	High prevalence of curable sexually transmitted infections among HIV-uninfected women planning for pregnancy in Kwazulunatal, South Africa	Sexually Transmitted Infections	10.1136/sextrans-2021-sti.228	Population (did not report data from PrEP users)
Beesley, 2022	Testing for Mycoplasma genitalium in pelvic inflammatory disease: A clinical audit	Australian and New Zealand Journal of Obstetrics and Gynaecology	10.1111/ajo.13609	Population (did not report data from PrEP users)
Begnis, 2021	Prevalence and risk factors of Mycoplasma genitalium infection in patients attending a sexually transmitted infection clinic in Reunion Island: a cross-sectional study (2017–2018)	BMC Infectious Diseases	10.1186/s12879-021-06193-6	Population (did not report data from PrEP users)
Bellinato, 2021	Clinical profile and co-infections of urethritis in males	Italian Journal of Dermatology and Venereology	10.23736/S2784-8671.20.06773-5	Full text not found
Belokrinitsakaya, 2013	Preconception screening for sexually transmitted infections in young healthy women: Cross-sectional study	Giornale Italiano di Ostetricia e Ginecologia	NR	Full text not found
Bercot, 2019	High prevalence and antibiotic resistance of m genitalium infections in MSM on prep	Topics in Antiviral Medicine	NR	Duplicate data
Berle, 2012	Chlamydia trachomatis, Mycoplasma genitalium and Ureaplasma urealyticum in clinical and non-clinical settings, Arkhangelsk Oblast, Russia	International Journal of STD and AIDS	10.1258/ijsa.2012.011410	Population (did not report data from PrEP users)

Bernier, 2020	HIV and other sexually transmitted infections among female sex workers in Moscow (Russia): Prevalence and associated risk factors	Sexually Transmitted Infections	10.1136/sextrans-2019-054299	Population (did not report data from PrEP users)
Bertolotti, 2016	IST-04 - Impact of Mycoplasma genitalium in an overseas free and anonymous screening center in light of other sexually transmitted diseases: A cross-sectional study	Medecine et Maladies Infectieuses	10.1016/S0399-077X(16)30435-8	Population (did not report data from PrEP users)
Bhargava, 2021	Etiology of cervicitis-are there new agents in play?	Sexually Transmitted Infections	10.1136/sextrans-2021-sti.408	Population (did not report data from PrEP users)
Bjartling, 2012	Mycoplasma genitalium in cervicitis and pelvic inflammatory disease among women at a gynecologic outpatient service	American Journal of Obstetrics and Gynecology	10.1016/j.ajog.2012.02.036	Population (did not report data from PrEP users)
Bjartling, 2013	Mycoplasma genitalium and chlamydia trachomatis in laparoscopically diagnosed pelvic inflammatory disease	Sexually Transmitted Infections	10.1136/sextrans-2013-051184.0045	Population (did not report data from PrEP users)
Bjessessor, 2016	The contribution of Mycoplasma genitalium to the aetiology of sexually acquired infectious proctitis in men who have sex with men	Clinical Microbiology and Infection	10.1016/j.cmi.2015.11.016	Population (did not report data from PrEP users)
Björnelius, 2017	Mycoplasma genitalium macrolide resistance in Stockholm, Sweden	Sexually Transmitted Infections	10.1136/sextrans-2016-052688	Population (did not report data from PrEP users)
Black, 2008	The detection of urethritis pathogens among patients with the male urethritis syndrome, genital ulcer syndrome and HIV voluntary counselling and testing clients: should South Africa's syndromic management approach be revised?	Sex Transm Infect	10.1136/sti.2007.028464	Population (did not report data from PrEP users)
Blanco, 2022	Prevalence of Mycoplasma genitalium and other sexually transmitted pathogens in male urethritis in a sexual health centre in New Caledonia	Int J STD AIDS	10.1177/09564624221103808	Population (did not report data from PrEP users)
Blockl, 2018	Mycoplasma genitalium: Prevalence, Coinfections and Rate of Therapy Success after First-Line Treatment in an infectious Focal Medical Practice in Berlin	Journal Der Deutschen Dermatologischen Gesellschaft	NR	Population (did not report data from PrEP users)
Blockl, 2019	PREVALENCE AND CLINICAL FEATURES OF MYCOPLASMA GENITALIUM IN PATIENTS ATTENDING A STI OUTPATIENT CLINIC IN BERLIN: 2013-2017	Sexually Transmitted Infections	10.1136/sextrans-2019-sti.681	Population (did not report data from PrEP users)
Bonafede, 2016	Evidence of low rates of mycoplasma genitalium assessment among commercially insured women with an sti-related diagnosis	Sexually Transmitted Diseases	10.1097/01.olq.0000503358.65329.6f	Population (did not report data from PrEP users)
Borgobna, 2018	Vaginal metabolomic signatures distinguish chlamydia mono-infected, chlamydia trachomatis/mycoplasma genitalium co-infected and un-infected women	American Journal of Obstetrics and Gynecology	10.1016/j.ajog.2018.10.088	Population (did not report data from PrEP users)
Borgobna, 2020	The association of Chlamydia trachomatis and Mycoplasma genitalium infection with the vaginal metabolome	Scientific reports	10.1038/s41598-020-60179-z	Population (did not report data from PrEP users)
Braam, 2017	High prevalence of the A2058T macrolide resistance-associated mutation in Mycoplasma genitalium strains from the Netherlands	Journal of Antimicrobial Chemotherapy	10.1093/jac/dkw584	Population (did not report data from PrEP users)

Braam, 2020	Evaluating the prevalence and risk factors for macrolide resistance in <i>Mycoplasma genitalium</i> using a newly developed qPCR assay	PLoS One	10.1371/journal.pone.0240836	Population (did not report data from PrEP users)
Braam, 2022	Macrolide-Resistant <i>Mycoplasma genitalium</i> Impairs Clinical Improvement of Male Urethritis After Empirical Treatment	Sexually Transmitted Diseases	10.1097/olq.0000000000001591	Population (did not report data from PrEP users)
Bradshaw, 2013	Prevalent and Incident Bacterial Vaginosis Are Associated with Sexual and Contraceptive Behaviours in Young Australian Women	PLoS ONE	10.1371/journal.pone.0057688	Population (did not report data from PrEP users)
Bras-Cachinho, 2021	<i>Mycoplasma genitalium</i> : Prevalence of macrolide and fluoroquinolone resistance at the University Hospital of Tours, and check of the S-DiaMGRes® (Diagenode Diagnostics) assay	Annales de biologie clinique	10.1684/abc.2021.1633	Full text not found
Brehony, 2021	Evaluation of molecular testing for <i>Mycoplasma genitalium</i> for symptomatic women	Irish Journal of Medical Science	10.1007/s11845-021-02782-1	Population (did not report data from PrEP users)
Broad, 2017	PREVALENCE AND RISK FACTORS ASSOCIATED WITH CHLAMYDIA TRACHOMATIS (CT), MYCOPLASMA GENITALIUM (MG) AND NEISSERIA GONORRHOEAE (NG): CROSS-SECTIONAL STUDY IN THREE SEXUAL HEALTH CLINICS	Sexually Transmitted Infections	10.1136/sextrans-2017-053232.248	Population (did not report data from PrEP users)
Broad, 2021	High prevalence of coinfection of azithromycin-resistant <i>Mycoplasma genitalium</i> with other STIs: A prospective observational study of London-based symptomatic and STI-contact clinic attendees	Sexually Transmitted Infections	10.1136/sextrans-2019-054356	Population (did not report data from PrEP users)
Brosh-Nissimov, 2018	Management of sexually transmissible infections in the era of multiplexed molecular diagnostics: A primary care survey	Sexual Health	10.1071/SH17190	Population (did not report data from PrEP users)
Bruisten, 2019	<i>Mycoplasma genitalium</i> in clients visiting two Dutch STI clinics: Very high prevalence and resistance to azithromycin	Sexually Transmitted Infections	10.1136/sextrans-2019-sti.678	Population (did not report data from PrEP users)
Cabecinha, 2017	Finding sexual partners online: Prevalence and associations with sexual behaviour, STI diagnoses and other sexual health outcomes in the British population	Sexually Transmitted Infections	10.1136/sextrans-2016-052994	Population (did not report data from PrEP users)
Calas, 2021	Prevalence of urogenital, anal, and pharyngeal infections with <i>Chlamydia trachomatis</i> , <i>Neisseria gonorrhoeae</i> , and <i>Mycoplasma genitalium</i> : a cross-sectional study in Reunion island	BMC Infectious Diseases	10.1186/s12879-021-05801-9	Population (did not report data from PrEP users)
Cameron, 2018	Epstein-Barr Virus, High-Risk Human Papillomavirus and Abnormal Cervical Cytology in a Prospective Cohort of African Female Sex Workers	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000857	Population (did not report data from PrEP users)
Camporiando, 2016	Detection of HPV and co-infecting pathogens in healthy Italian women by multiplex real-time PCR	Infezioni in Medicina	NR	Population (did not report data from PrEP users)
Camus, 2021	Acceptability and efficacy of vaginal self-sampling for genital infection and bacterial vaginosis: A cross-sectional study	PLoS ONE	10.1371/journal.pone.0260021	Population (did not report data from PrEP users)
Carina, 2015	Detection of <i>Mycoplasma genitalium</i> and <i>Chlamydia trachomatis</i> in three different self-collected genital specimens in women	International Journal of STD and AIDS	10.1177/0956462415601768	Population (did not report data from PrEP users)

Carne, 2013	Prevalence, clinical features and quantification of genital non-viral infections	International Journal of STD and AIDS	10.1177/0956462412472306	Population (did not report data from PrEP users)
Caruso, 2021	Current and Future Trends in the Laboratory Diagnosis of Sexually Transmitted Infections	International Journal of Environmental Research and Public Health	10.3390/ijerph18031038	Population (did not report data from PrEP users)
Casas, 2013	Hallazgos de <i>Mycoplasma hominis</i> y <i>Ureaplasma urealyticum</i> en mujeres con infecciones urogenitales	Arch. méd. Camaguey	NR	Population (did not report data from PrEP users)
Casillas-Vega, 2016	Sexually transmitted pathogens, coinfections and risk factors in patients attending obstetrics and gynecology clinics in Jalisco, Mexico	Salud publica de Mexico	NR	Population (did not report data from PrEP users)
Casillas-Vega, 2017	Causative agents, diseases, epidemiology and diagnosis of sexually transmitted infections	Reviews in Medical Microbiology	10.1097/mrm.000000000000089	Population (did not report data from PrEP users)
Chakezha, 2017	Demographic and clinical profiles of women with bacterial vaginosis and sexually transmitted infections: Implications for the management of vaginal discharge syndrome in South Africa	Sexually Transmitted Infections	10.1136/sextrans-2017-053264.453	Population (did not report data from PrEP users)
Chambers, 2016	Exposures associated with nongonococcal urethritis (NGU) in men who have sex with women only (MSW) and men who have sex with men only (MSM)	Sexually Transmitted Diseases	10.1097/01.olq.0000503358.65329.6f	Population (did not report data from PrEP users)
Che, 2022	<i>Mycoplasma genitalium</i> and <i>Chlamydia trachomatis</i> infection among women in Southwest China: a retrospective study	Epidemiology and Infection	10.1017/S0950268822001066	Population (did not report data from PrEP users)
Chernesky, 2017	Urinary Meatal Swabbing Detects More Men Infected with <i>Mycoplasma genitalium</i> and Four Other Sexually Transmitted Infections Than First Catch Urine	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000618	Population (did not report data from PrEP users)
Chernesky, 2019	<i>Mycoplasma genitalium</i> , <i>Chlamydia trachomatis</i> , and <i>Neisseria gonorrhoeae</i> Detected With Aptima Assays Performed on Self-Obtained Vaginal Swabs and Urine Collected at Home and in a Clinic	Sexually Transmitted Diseases	10.1097/olq.0000000000001004	Population (did not report data from PrEP users)
Chesnay, 2020	Contribution of a molecular test for the diagnosis of genital infection with <i>Trichomonas vaginalis</i> and <i>Mycoplasma genitalium</i>	Annales De Biologie Clinique	10.1684/abc.2020.1589	Population (did not report data from PrEP users)
Chirenje, 2018	The Etiology of Vaginal Discharge Syndrome in Zimbabwe: Results from the Zimbabwe STI Etiology Study	Sex Transm Dis	10.1097/olq.0000000000000771	Population (did not report data from PrEP users)
Chitneni, 2020	Partner notification and treatment outcomes among South African adolescents and young adults diagnosed with a sexually transmitted infection via laboratory-based screening	International Journal of STD and AIDS	10.1177/0956462420915395	Population (did not report data from PrEP users)
Cho, 2016	Prevalence of <i>chlamydia trachomatis</i> , <i>neisseria gonorrhoeae</i> , <i>mycoplasma genitalium</i> , <i>ureaplasma urealyticum</i> in chronic prostatitis category IIIa and IIIb patients using polymerase chain reaction	International Journal of Urology	10.1111/iju.13149	Population (did not report data from PrEP users)
Choi, 2013	Prevalence and associated factors for four sexually transmissible microorganisms in middle-aged men receiving general prostate health checkups: A polymerase chain reaction-based study in Korea	Korean Journal of Urology	10.4111/kju.2013.54.1.53	Population (did not report data from PrEP users)
Chow, 2014	Testing commercial sex workers for sexually transmitted infections in Victoria, Australia: An evaluation of the impact of reducing the frequency of testing	PLoS ONE	10.1371/journal.pone.0103081	Population (did not report data from PrEP users)

Chra, 2018	Prevalence of <i>Mycoplasma genitalium</i> and other sexually-transmitted pathogens among high-risk individuals in Greece	GERMS	10.18683/germs.2018.1128	Population (did not report data from PrEP users)
Clarivet, 2014	Prevalence of <i>Chlamydia trachomatis</i> , <i>Neisseria gonorrhoeae</i> and <i>Mycoplasma genitalium</i> in asymptomatic patients under 30 years of age screened in a French sexually transmitted infections clinic	European Journal of Dermatology	10.1684/ejd.2014.2413	Population (did not report data from PrEP users)
Clifton, 2018	STI Risk Perception in the British Population and How It Relates to Sexual Behaviour and STI Healthcare Use: Findings From a Cross-sectional Survey (Natsal-3)	EClinicalMedicine	10.1016/j.eclinm.2018.08.001	Population (did not report data from PrEP users)
Compain, 2019	Low prevalence of common sexually transmitted infections contrasting with high prevalence of <i>mycoplasma</i> asymptomatic genital carriage: A community-based cross-sectional survey in adult women living in N'Djamena, Chad	Open Microbiology Journal	10.2174/1874285801913010222	Population (did not report data from PrEP users)
Contini, 2018	Investigation on silent bacterial infections in specimens from pregnant women affected by spontaneous miscarriage	Journal of Cellular Physiology	10.1002/jcp.26952	Population (did not report data from PrEP users)
Coorevits, 2018	Identifying a consensus sample type to test for <i>Chlamydia trachomatis</i> , <i>Neisseria gonorrhoeae</i> , <i>Mycoplasma genitalium</i> , <i>Trichomonas vaginalis</i> and human papillomavirus	Clinical Microbiology and Infection	10.1016/j.cmi.2018.03.013	Population (did not report data from PrEP users)
Coorevits, 2018	Macrolide resistance in <i>Mycoplasma genitalium</i> from female sex workers in Belgium	Journal of Global Antimicrobial Resistance	10.1016/j.jgar.2017.09.018	Population (did not report data from PrEP users)
Cosentino, 2012	Use of nucleic acid amplification testing for diagnosis of anorectal sexually transmitted infections	Journal of Clinical Microbiology	10.1128/JCM.00185-12	Population (did not report data from PrEP users)
Cowley, 2021	Prevalence of and risk factors for curable sexually transmitted infections on Bubaque Island, Guinea Bissau	Sexually Transmitted Infections	10.1136/sextrans-2019-054351	Population (did not report data from PrEP users)
Cox, 2016	<i>Mycoplasma hominis</i> and <i>Gardnerella vaginalis</i> display a significant synergistic relationship in bacterial vaginosis	European Journal of Clinical Microbiology and Infectious Diseases	10.1007/s10096-015-2564-x	Population (did not report data from PrEP users)
Cox, 2016	The common vaginal commensal bacterium <i>Ureaplasma parvum</i> is associated with chorioamnionitis in extreme preterm labor	Journal of Maternal-Fetal and Neonatal Medicine	10.3109/14767058.2016.1140734	Population (did not report data from PrEP users)
Cox, 2016	<i>Ureaplasma parvum</i> and <i>Mycoplasma genitalium</i> are found to be significantly associated with microscopy-confirmed urethritis in a routine genitourinary medicine setting	International Journal of STD and AIDS	10.1177/0956462415597620	Population (did not report data from PrEP users)
Cox, 2017	<i>Gardnerella vaginalis</i> and <i>Mollicute</i> detection in rectal swabs from men who have sex with men	Int J STD AIDS	10.1177/0956462416665060	Population (did not report data from PrEP users)
Creswell, 2012	HIV and STI control in El Salvador: Results from an integrated behavioural survey among men who have sex with men	Sexually Transmitted Infections	10.1136/sextrans-2012-050521	Population (did not report data from PrEP users)
Crowell, 2020	Anorectal and Urogenital <i>Mycoplasma genitalium</i> in Nigerian Men Who Have Sex With Men and Transgender Women: Prevalence, Incidence, and Association With HIV	Sexually Transmitted Diseases	10.1097/olq.0000000000001105	Population (did not report data from PrEP users)

Cusini, 2021	Trend of main STIs during COVID-19 pandemic in Milan, Italy	Sex Transm Infect	10.1136/sextrans-2020-054608	Population (did not report data from PrEP users)
Dabee, 2019	Defining characteristics of genital health in South African adolescent girls and young women at high risk for HIV infection	PLoS One	10.1371/journal.pone.0213975	Population (did not report data from PrEP users)
Daley, 2014	Mycoplasma genitalium and its resistance to azithromycin in incarcerated men from Far North Queensland	Sexual Health	10.1071/SH14147	Population (did not report data from PrEP users)
Dao, 2020	Risk factors for symptoms of infection and microbial carriage among French medical students abroad	International Journal of Infectious Diseases	10.1016/j.ijid.2020.08.075	Population (did not report data from PrEP users)
Datcu, 2013	Vaginal microbiome in women from Greenland assessed by microscopy and quantitative PCR	BMC Infectious Diseases	10.1186/1471-2334-13-480	Population (did not report data from PrEP users)
Dave, 2012	Women's health study of Mycoplasma genitalium: A feasibility study	Sexually Transmitted Infections	10.1136/sextrans-2012-050601c.41	Population (did not report data from PrEP users)
Dave, 2013	Mycoplasma genitalium prevalence and risk factors among young sexually active women in the general population and attending sexually transmitted infection clinics in London, UK	Sexually Transmitted Infections	10.1136/sextrans-2013-051184.0522	Population (did not report data from PrEP users)
Davis, 2019	Does voluntary medical male circumcision protect against sexually transmitted infections among men and women in real-world scale-up settings? Findings of a household survey in KwaZulu-Natal, South Africa	Bmj Global Health	10.1136/bmjgh-2019-001389	Population (did not report data from PrEP users)
Day, 2022	Detection of markers predictive of macrolide and fluoroquinolone resistance in Mycoplasma genitalium from patients attending sexual health services	Sex Transm Infect	10.1136/sextrans-2020-054897	Population (did not report data from PrEP users)
De Baetselier, 2018	High Level of macrolide resistance of mycoplasma genitalium found among MSM at high risk for HIV in a belgian PrEP demonstration project	AIDS Research and Human Retroviruses	10.1089/aid.2018.5000.abstracts	Population (duplicated)
De Baetselier, 2019	Prevalence of STIS among msm initiating prep in West-Africa (COHMSM-prep ANRS 12369-expertise France)	Sexually Transmitted Infections	10.1136/sextrans-2019-sti.617	Population (did not report data from PrEP users)
De Baetselier, 2021	An alarming high prevalence of resistance-associated mutations to macrolides and fluoroquinolones in Mycoplasma genitalium in Belgium: Results from samples collected between 2015 and 2018	Sexually Transmitted Infections	10.1136/sextrans-2020-054511	Outcome (report results in number of samples, not patients)
de Jong, 2016	Large two-centre study into the prevalence of Mycoplasma genitalium and Trichomonas vaginalis in the Netherlands	International Journal of STD and AIDS	10.1177/0956462415596496	Population (did not report data from PrEP users)
de La Cruz, 2015	The prevalence of mycoplasma genitalium in women with interstitial cystitis or chronic irritative urinary symptoms	Neurourology and Urodynamics	10.1002/nau.22738	Population (did not report data from PrEP users)
de Souza, 2021	Main etiological agents identified in 170 men with urethritis attended at the Fundação Alfredo da Matta, Manaus, Amazonas, Brazil	Anais Brasileiros de Dermatologia	10.1016/j.abd.2020.07.007	Population (did not report data from PrEP users)

de Walque, 2012	Incentivising safe sex: A randomised trial of conditional cash transfers for HIV and sexually transmitted infection prevention in rural Tanzania	BMJ Open	10.1136/bmjopen-2011-000747	Population (did not report data from PrEP users)
Deborde, 2019	High prevalence of Mycoplasma genitalium infection and macrolide resistance in patients enrolled in HIV pre-exposure prophylaxis program	Medecine et Maladies Infectieuses	10.1016/j.medmal.2019.03.007	Population (duplicated)
Deguchi, 2015	Drug resistance-associated mutations in mycoplasma genitalium in female sex workers, Japan	Emerging Infectious Diseases	10.3201/eid2106.142013	Population (did not report data from PrEP users)
Dehon, 2014	Mycoplasma genitalium infection is associated with microscopic signs of cervical inflammation in liquid cytology specimens	Journal of Clinical Microbiology	10.1128/JCM.00159-14	Population (did not report data from PrEP users)
del Prete, 2017	Simultaneous detection and identification of STI pathogens by multiplex Real-Time PCR in genital tract specimens in a selected area of Apulia, a region of Southern Italy	Infection	10.1007/s15010-017-1002-7	Population (did not report data from PrEP users)
des Marais, 2014	Home-based self-collection for the detection of sexually transmitted infections in high-risk women in North Carolina	Sexually Transmitted Diseases	NR	Population (did not report data from PrEP users)
des Marais, 2018	Home Self-Collection by Mail to Test for Human Papillomavirus and Sexually Transmitted Infections	Obstetrics and Gynecology	10.1097/AOG.0000000000002964	Population (did not report data from PrEP users)
Desdorf, 2021	Mycoplasma genitalium prevalence and macrolide resistance-associated mutations and coinfection with Chlamydia trachomatis in Southern Jutland, Denmark	APMIS	10.1111/apm.13174	Population (did not report data from PrEP users)
Dhawan, 2020	High prevalence of Mycoplasma genitalium in men who have sex with men: A cross-sectional study	Indian Journal of Dermatology, Venereology and Leprology	10.4103/ijdv.IJDVL_494_18	Population (did not report data from PrEP users)
Dionne-Odom, 2018	High prevalence of multidrug-resistant mycoplasma genitalium in human immunodeficiency virus-infected men who have sex with men in Alabama	Clinical Infectious Diseases	10.1093/cid/cix853	Population (did not report data from PrEP users)
Dirks, 2017	High mycoplasma genitalium prevalence in chlamydia trachomatis positive patients	Sexually Transmitted Infections	10.1136/sextrans-2017-053264.335	Population (did not report data from PrEP users)
Djomand, 2016	Prevalence and Correlates of Genital Infections among Newly Diagnosed Human Immunodeficiency Virus-Infected Adults Entering Human Immunodeficiency Virus Care in Windhoek, Namibia	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000513	Population (did not report data from PrEP users)
Donders, 2016	Screening for abnormal vaginal microflora by self-assessed vaginal pH does not enable detection of sexually transmitted infections in Ugandan women	Diagnostic Microbiology and Infectious Disease	10.1016/j.diagmicrobio.2015.12.018	Population (did not report data from PrEP users)
Donders, 2017	Mycoplasma/Ureaplasma infection in pregnancy: To screen or not to screen	Journal of Perinatal Medicine	10.1515/jpm-2016-0111	Population (did not report data from PrEP users)
Downey, 2015	Epidemiology of sexually transmitted infections in rural Haitian men	International Journal of STD and AIDS	10.1177/0956462414551236	Population (did not report data from PrEP users)
Drago, 2020	Common bacterial urogenital infections: a study on their aetiology and prevalence in a sexually transmitted infections centre	Journal of the European Academy of Dermatology and Venereology	10.1111/jdv.16504	Population (did not report data from PrEP users)

Duba, 2017	Detection of genital mycoplasmas in women visiting the infertility clinic of an academic hospital, pretoria, South Africa	Sexually Transmitted Infections	10.1136/sextrans-2017-053264.160	Population (did not report data from PrEP users)
Dubbink, 2016	Microbiological characteristics of chlamydia trachomatis and neisseria gonorrhoeae infections in South African women	Journal of Clinical Microbiology	10.1128/JCM.02848-15	Population (did not report data from PrEP users)
Dukers-Muijrs, 2015	What is needed to guide testing for anorectal and pharyngeal Chlamydia trachomatis and Neisseria gonorrhoeae in women and men? Evidence and opinion	BMC Infectious Diseases	10.1186/s12879-015-1280-6	Population (did not report data from PrEP users)
Dumke, 2016	Emergence of Mycoplasma genitalium strains showing mutations associated with macrolide and fluoroquinolone resistance in the region Dresden, Germany	Diagnostic Microbiology and Infectious Disease	10.1016/j.diagmicrobio.2016.07.005	Population (did not report data from PrEP users)
Duron, 2018	Prevalence and risk factors of sexually transmitted infections among French service members	PLoS ONE	10.1371/journal.pone.0195158	Population (did not report data from PrEP users)
Ebel, 2015	Prevalence of Mycoplasma genitalium in France and comparison with Chlamydia trachomatis and Neisseria gonorrhoeae using transcriptionmediated amplification assays	International Journal of STD and AIDS	10.1177/0956462415601768	Population (did not report data from PrEP users)
Edlund, 2012	The spread of Mycoplasma genitalium among men who have sex with men	International Journal of STD and AIDS	10.1258/ijsa.2009.009411.	Population (did not report data from PrEP users)
Edouard, 2017	Mycoplasma genitalium, an agent of reemerging sexually transmitted infections	APMIS	10.1111/apm.12731	Population (did not report data from PrEP users)
Ekiel, 2013	Urogenital Mycoplasmas and Human Papilloma Virus in Hemodialysed Women	Scientific World Journal	10.1155/2013/659204	Population (did not report data from PrEP users)
Ekiel, 2016	Prevalence of Urogenital Mycoplasmas Among Men with NGU in Upper Silesia, Poland. Preliminary Study	Pol J Microbiol	10.5604/17331331.1197326	Population (did not report data from PrEP users)
El Beayni, 2021	Molecular prevalence of eight different sexually transmitted infections in a lebanese major tertiary care center: Impact on public health	International Journal of Molecular Epidemiology and Genetics	NR	Population (did not report data from PrEP users)
Esen, 2017	Ureaplasma urealyticum: Presence among Sexually Transmitted Diseases	Jpn J Infect Dis	10.7883/yoken.JJID.2015.258	Population (did not report data from PrEP users)
Ezeanya-Bakpa, 2021	Sequence analysis reveals asymptomatic infection with Mycoplasma hominis and Ureaplasma urealyticum possibly leads to infertility in females: A cross-sectional study	International Journal of Reproductive Biomedicine	10.18502/ijrm.v19i11.9910	Population (did not report data from PrEP users)
Ezeanya-Bakpa, 2022	Phylogeny-based identification of Mycoplasma genitalium in a Nigerian population of apparently healthy sexually active female students	Pan African Medical Journal	10.11604/pamj.2022.41.71.19631	Population (did not report data from PrEP users)
Fasciana, 2021	Socio-demographic characteristics and sexual behavioral factors of patients with sexually transmitted infections attending a hospital in southern Italy	International Journal of Environmental Research and Public Health	10.3390/ijerph18094722	Population (did not report data from PrEP users)
Feodorova, 2019	Enhanced prevalence of chlamydia trachomatis DNA in clinical samples of patients with STIS co-infection	Sexually Transmitted Infections	10.1136/sextrans-2019-sti.562	Population (did not report data from PrEP users)

Fernández-Huerta, 2020	Mycoplasma genitalium and fluoroquinolone resistance detection using a novel qPCR assay in Barcelona, Spain	Enfermedades Infecciosas y Microbiología Clínica	10.1016/j.eimc.2019.10.003	Population (did not report data from PrEP users)
Fernández-Huerta, 2020	Prevalence of Mycoplasma genitalium and macrolide resistance among asymptomatic people visiting a point of care service for rapid STI screening: A cross-sectional study	Sexually Transmitted Infections	10.1136/sextrans-2019-054124	Population (did not report data from PrEP users)
Ferré, 2019	Prevalence of human papillomavirus, human immunodeficiency virus, and other sexually transmitted infections among men who have sex with men in Togo: A national cross-sectional survey	Clinical Infectious Diseases	10.1093/cid/ciy1012	Population (did not report data from PrEP users)
Ferreux, 2018	Prevalence of Mycoplasma genitalium among infertile men, and sperm donors consulting in a French center for Assisted Reproduction	Human Reproduction	10.1093/humrep/33.Supplement_1.1	Population (did not report data from PrEP users)
Field, 2012	Testing for sexually transmitted infections in a population-based sexual health survey: Development of an acceptable ethical approach	Journal of Medical Ethics	10.1136/medethics-2011-100068	Population (did not report data from PrEP users)
Fifer, 2021	Frequency and Correlates of Mycoplasma genitalium Antimicrobial Resistance Mutations and Their Association With Treatment Outcomes: Findings From a National Sentinel Surveillance Pilot in England	Sexually transmitted diseases	10.1097/OLQ.0000000000001493	Population (did not report data from PrEP users)
Foronda-García-Hidalgo, 2019	Prevalence among males from the general population of agents responsible of not ulcerative genital tract infections, assisted in specialized care	Revista Espanola de Quimioterapia	NR	Population (did not report data from PrEP users)
Forslund, 2017	Mycoplasma genitalium and macrolide resistance-associated mutations in the Skåne Region of Southern Sweden 2015	Acta Dermato-Venereologica	10.2340/00015555-2746	Population (did not report data from PrEP users)
Foschi, 2018	Sexually transmitted rectal infections in a cohort of 'men having sex with men'	Journal of Medical Microbiology	10.1099/jmm.0.000781	Population (did not report data from PrEP users)
Fragoso, 2019	Sexually transmitted diseases clinic in a Portuguese Infectious Diseases unit	HIV Medicine	10.1111/hiv.12815	Population (did not report data from PrEP users)
Francis, 2019	Results from a cross-sectional sexual and reproductive health study among school girls in Tanzania: High prevalence of bacterial vaginosis	Sexually Transmitted Infections	10.1136/sextrans-2018-053680	Population (did not report data from PrEP users)
Frolound, 2018	The bacterial microbiota in first-void urine from men with and without idiopathic urethritis	Plos One	10.1371/journal.pone.0201380	Population (did not report data from PrEP users)
Frolound, 2019	Detection of ureaplasmas and bacterial vaginosis associated bacteria and their association with non-gonococcal urethritis in men	Plos One	10.1371/journal.pone.0214425	Population (did not report data from PrEP users)
Frolova, 2013	Preconception risk factors in young healthy women: Cross-sectional study	BJOG: An International Journal of Obstetrics and Gynaecology	10.1111/1471-0528.12294	Population (did not report data from PrEP users)
Gabster, 2019	High prevalence of cervico-vaginal infections among female adolescents in four urban regions of Panama	Sexually Transmitted Infections	10.1136/sextrans-2019-sti.178	Population (did not report data from PrEP users)

García-González, 2017	Prevalence of sexually transmitted infections in symptomatic and asymptomatic patients from Yucatan	Revista del Laboratorio Clínico	10.1016/j.labcli.2017.02.003	Population (did not report data from PrEP users)
Gaydos, 2019	Molecular Testing for Mycoplasma genitalium in the United States: Results from the AMES Prospective Multicenter Clinical Study	Journal of Clinical Microbiology	10.1128/jcm.01125-19	Population (did not report data from PrEP users)
Gesink-Law, 2010	MYCOPLASMA GENITALIUM IN GREENLAND: PREVALENCE, MACROLIDE RESISTANCE, ETHICAL CONSIDERATIONS, AND POLICY IMPLICATIONS	International Journal of Circumpolar Health	NR	Population (did not report data from PrEP users)
Gesink, 2012	Mycoplasma genitalium presence, resistance and epidemiology in Greenland	International journal of circumpolar health	NR	Population (did not report data from PrEP users)
Gesink, 2016	Mycoplasma genitalium in Toronto, Ont: Estimates of prevalence and macrolide resistance	Canadian Family Physician	NR	Population (did not report data from PrEP users)
Getman, 2016	Mycoplasma genitalium prevalence, coinfection, and macrolide antibiotic resistance frequency in a multicenter clinical study cohort in the United States	Journal of Clinical Microbiology	10.1128/JCM.01053-16	Population (did not report data from PrEP users)
Getman, 2022	Distribution of Macrolide Resistant Mycoplasma genitalium in Urogenital Tract Specimens from Women Enrolled in a US Clinical Study Cohort	Clinical Infectious Diseases	10.1093/cid/ciac602	Population (did not report data from PrEP users)
Gohil, 2021	MYCOPLASMA GENITALIUM: THE MOST PREVALENT STI IN SASKATCHEWAN, CANADA, HAS A HIGH PREVALENCE OF RESISTANCE TO MACROLIDES AND FLUOROQUINOLONES	Sexually Transmitted Infections	10.1136/sextrans-2021-sti.305	Population (did not report data from PrEP users)
Goller, 2017	Characteristics of pelvic inflammatory disease where no sexually transmitted infection is identified: A cross-sectional analysis of routinely collected sexual health clinic data	Sexually Transmitted Infections	10.1136/sextrans-2016-052553	Population (did not report data from PrEP users)
Goller, 2019	Trends in diagnosis of pelvic inflammatory disease in an Australian sexual health clinic, 2002-16: Before and after clinical audit feedback	Sexual Health	10.1071/SH18119	Population (did not report data from PrEP users)
Gomih-Alakija, 2014	Clinical characteristics associated with mycoplasma genitalium among female sex workers in nairobi, Kenya	Journal of Clinical Microbiology	10.1128/JCM.00850-14	Population (did not report data from PrEP users)
Gonah, 2017	Mycoplasma genitalium-testing and treating in a level 2 primary care service	Sexually Transmitted Infections	10.1136/sextrans-2017-053232.67	Population (did not report data from PrEP users)
Gong, 2019	Coping with Risk: Negative Shocks, Transactional Sex, and the Limitations of Conditional Cash Transfers	Journal of Health Economics	10.1016/j.jhealeco.2019.06.006	Population (did not report data from PrEP users)
Gottesman, 2017	Prevalence of Mycoplasma genitalium in men with urethritis and in high risk asymptomatic males in Tel Aviv: a prospective study	International Journal of STD and AIDS	10.1177/0956462416630675	Population (did not report data from PrEP users)
Gragg, 2021	Mycoplasma genitalium Infection in Young Women Without Urogenital Symptoms Presenting to a Community-Based Emergency Department in Birmingham, Alabama	Sexually transmitted diseases	10.1097/OLQ.0000000000001227	Population (did not report data from PrEP users)
Gratrix, 2017	Prevalence and antibiotic resistance of Mycoplasma genitalium among STI clinic attendees in Western Canada: A cross-sectional analysis	BMJ Open	10.1136/bmjopen-2017-016300	Population (did not report data from PrEP users)

Gravitt, 2016	Prevalence of sexually transmitted infections and coinfection in a population-based sample of women attending cervical cancer screening in New Mexico, United States of America	Open Forum Infectious Diseases	10.1093/ofid/ofw172.1003	Population (did not report data from PrEP users)
Guiraud, 2022	Molecular Typing Reveals Distinct Mycoplasma genitalium Transmission Networks among a Cohort of Men Who Have Sex with Men and a Cohort of Women in France	Microorganisms	10.3390/microorganisms10081587	Population (did not report data from PrEP users)
Gumede, 2017	Predictors of sexually transmitted coinfections in women presenting with bacterial vaginosis to primary healthcare facilities in South Africa	Sexually Transmitted Infections	10.1136/sextrans-2017-053264.370	Population (did not report data from PrEP users)
Gundevia, 2015	Positivity at test of cure following first-line treatment for genital Mycoplasma genitalium: Follow-up of a clinical cohort	Sexually Transmitted Infections	10.1136/sextrans-2014-051616	Population (did not report data from PrEP users)
Guschin, 2022	Sexually transmitted co-infections in men who have sex with men	Klinicheskaya Dermatologiya i Venerologiya	10.17116/klinderma202221041502	Population (did not report data from PrEP users)
Hagemann, 2014	Sexually transmitted infections among women attending a Norwegian Sexual Assault Centre	Sexually Transmitted Infections	10.1136/sextrans-2013-051328	Population (did not report data from PrEP users)
Haggerty, 2014	Pelvic inflammatory disease: Clinical trends and improving imprecision	Sexually Transmitted Diseases	NR	Population (did not report data from PrEP users)
Haggerty, 2020	Presence and Concentrations of Select Bacterial Vaginosis-Associated Bacteria Are Associated with Increased Risk of Pelvic Inflammatory Disease	Sexually Transmitted Diseases	10.1097/OLQ.0000000000001164	Population (did not report data from PrEP users)
Hahn, 2021	Testing as prevention of resistance in bacteria causing sexually transmitted infections—a population-based model for Germany	Antibiotics	10.3390/antibiotics10080929	Population (did not report data from PrEP users)
Ham, 2015	HIV and STIs among transgendered populations: Four country survey from central America	Topics in Antiviral Medicine	NR	Population (did not report data from PrEP users)
Hamill, 2021	Ugandan men with urethritis, what can diagnostic certainty tell us?	Sexually Transmitted Infections	10.1136/sextrans-2021-sti.323	Population (did not report data from PrEP users)
Hamill, 2022	High burden of untreated syphilis, drug resistant Neisseria gonorrhoeae, and other sexually transmitted infections in men with urethral discharge syndrome in Kampala, Uganda	BMC Infect Dis	10.1186/s12879-022-07431-1	Population (did not report data from PrEP users)
Hammer, 2021	Burden of Mycoplasma genitalium and Bacterial Coinfections in a Population-Based Sample in New Mexico	Sexually transmitted diseases	10.1097/OLQ.0000000000001472	Population (did not report data from PrEP users)
Han, 2015	Unusually low prevalence of mycoplasma genitalium and trichomonas vaginalis in urine samples from Chinese women attending a centre of prenatal diagnosis	Sexually Transmitted Infections	10.1136/sextrans-2015-052270.389	Population (did not report data from PrEP users)
Han, 2021	Rectal mycoplasma genitalium in patients attending sexually transmitted disease clinics in China: An infection that cannot be ignored	Infection and Drug Resistance	10.2147/IDR.S314775	Population (did not report data from PrEP users)
Hanna, 2020	Molecular epidemiology and socio-demographic risk factors of sexually transmitted infections among women in Lebanon	BMC Infectious Diseases	10.1186/s12879-020-05066-8	Population (did not report data from PrEP users)

Harling, 2020	Effect of weighting for sampling and non-response on estimates of STI prevalence in the third British National Survey of Sexual Attitudes and Lifestyles (Natsal-3)	Sexually Transmitted Infections	10.1136/sextrans-2019-054342	Population (did not report data from PrEP users)
Harrison, 2019	Impact of mass drug administration of azithromycin for trachoma elimination on prevalence and azithromycin resistance of genital <i>Mycoplasma genitalium</i> infection	Sexually Transmitted Infections	10.1136/sextrans-2018-053938	Population (did not report data from PrEP users)
Harrison, 2019	<i>Mycoplasma genitalium</i> Coinfection in Women With Chlamydia trachomatis Infection	Sexually Transmitted Diseases	10.1097/OLQ.0000000000001028	Population (did not report data from PrEP users)
Hart, 2020	<i>Mycoplasma genitalium</i> in Singapore is associated with Chlamydia trachomatis infection and displays high macrolide and Fluoroquinolone resistance rates	BMC Infectious Diseases	10.1186/s12879-020-05019-1	Population (did not report data from PrEP users)
Hay, 2015	Prevalence and macrolide resistance of <i>mycoplasma genitalium</i> in South African women	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000246	Population (did not report data from PrEP users)
Hay, 2016	Which sexually active young female students are most at risk of pelvic inflammatory disease? A prospective study	Sex Transm Infect	10.1136/sextrans-2015-052063	Population (did not report data from PrEP users)
Henning, 2014	Asymptomatic <i>Mycoplasma genitalium</i> infection amongst marginalised young people accessing a youth health service in Melbourne	International Journal of STD and AIDS	10.1177/0956462413502317	Population (did not report data from PrEP users)
Henning, 2021	Homelessness, sex and a tale of two sexually transmitted infections	International Journal of STD and AIDS	10.1177/0956462420958904	Population (did not report data from PrEP users)
Hernandez, 2011	High incidence of HIV and low HIV prevention coverage among men who have sex with men in Managua, Nicaragua	Sexually Transmitted Infections	10.1136/sextrans-2011-050108.112	Population (did not report data from PrEP users)
Hetem, 2021	High prevalence and resistance rates of <i>Mycoplasma genitalium</i> among patients visiting two sexually transmitted infection clinics in the Netherlands	International Journal of STD and AIDS	10.1177/0956462421999287	Population (did not report data from PrEP users)
Hilmarsdóttir, 2020	Prevalence of <i>mycoplasma genitalium</i> and antibiotic resistance-associated mutations in patients at a sexually transmitted infection clinic in Iceland, and comparison of the s-diamgtv and aptima <i>mycoplasma genitalium</i> assays for diagnosis	Journal of Clinical Microbiology	10.1128/JCM.01084-20	Population (did not report data from PrEP users)
Hoffman, 2019	Provision of Sexually Transmitted Infection Services in a Mobile Clinic Reveals High Unmet Need in Remote Areas of South Africa: A Cross-sectional Study	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000931	Population (did not report data from PrEP users)
Hokynar, 2018	Prevalence of <i>Mycoplasma genitalium</i> and mutations associated with macrolide and fluoroquinolone resistance in Finland	International Journal of STD and AIDS	10.1177/0956462418764482	Population (did not report data from PrEP users)
Homfray, 2015	Male circumcision and STI acquisition in Britain: Evidence from a national probability sample survey	PLoS ONE	10.1371/journal.pone.0130396	Population (did not report data from PrEP users)
Horseman, 2021	Prevalence and Epidemiology of <i>Mycoplasma genitalium</i> in a Pacific-Region Military Population	Sexually Transmitted Diseases	10.1097/OLQ.0000000000001393	Population (did not report data from PrEP users)

Howard, 2022	AUDIT OF MYCOPLASMA GENITALIUM MANAGEMENT: CHALLENGES IN A LONDON CLINIC	Sexually Transmitted Infections	10.1136/sextrans-BASHH-2022.113	Population (did not report data from PrEP users)
Htun, 2022	CHARACTERISTICS OF MYCOPLASMA GENITALIUM IN A UK SEXUAL HEALTH CLINIC	Sexually Transmitted Infections	10.1136/sextrans-BASHH-2022.114	Outcome (report results in number of samples, not patients)
Htun, 2022	REVIEW OF MYCOPLASMA GENITALIUM POSITIVE CASES IN A UK SEXUAL HEALTH CLINIC	Sexually Transmitted Infections	10.1136/sextrans-BASHH-2022.20	Population (did not report the number of patients on PrEP)
Hu, 2022	Prevalence of Mycoplasma Genitalium Infection and Resistance in Pregnant Women	American Journal of Obstetrics and Gynecology	10.1016/j.ajog.2021.11.1283	Population (did not report data from PrEP users)
Huppert, 2013	Abnormal Vaginal pH and Mycoplasma genitalium Infection	Journal of Pediatric and Adolescent Gynecology	10.1016/j.jpog.2012.09.005	Population (did not report data from PrEP users)
Ikonomidis, 2016	Prevalence of Chlamydia trachomatis, Ureaplasma spp., Mycoplasma genitalium and Mycoplasma hominis among outpatients in central Greece: Absence of tetracycline resistance gene tet(M) over a 4-year period study	New Microbes and New Infections	10.1016/j.nmni.2015.11.005	Population (did not report data from PrEP users)
Ito, 2012	Prevalence of genital mycoplasmas and ureaplasmas in men younger than 40 years-of-age with acute epididymitis	International Journal of Urology	10.1111/j.1442-2042.2011.02917.x	Population (did not report data from PrEP users)
Ito, 2014	Prevalence of genital mycoplasmas in asymptomatic male partners of women diagnosed as having chlamydial infections	Journal of Infection and Chemotherapy	10.1016/j.jiac.2013.07.011	Population (did not report data from PrEP users)
Ito, 2016	Male non-gonococcal urethritis: From microbiological etiologies to demographic and clinical features	Int J Urol	10.1111/iju.13044	Population (did not report data from PrEP users)
Jalal, 2013	Molecular epidemiology of selected sexually transmitted infections	International Journal of Molecular Epidemiology and Genetics	NR	Population (did not report data from PrEP users)
Jary, 2021	Prevalence of cervical HPV infection, sexually transmitted infections and associated antimicrobial resistance in women attending cervical cancer screening in Mali	International Journal of Infectious Diseases	10.1016/j.ijid.2021.06.024	Population (did not report data from PrEP users)
Jenniskens, 2017	Routine testing of Mycoplasma genitalium and Trichomonas vaginalis	Infectious Diseases	10.1080/23744235.2017.1290271	Population (did not report data from PrEP users)
Jensen, 2013	Chlamydia trachomatis, Mycoplasma genitalium and Ureaplasma urealyticum among students in northern Norway	Journal of the European Academy of Dermatology and Venereology	10.1111/j.1468-3083.2012.04528.x	Population (did not report data from PrEP users)
Jiang, 2015	The prevalence of mycoplasma genitalium and chlamydia trachomatis at various anatomical sites of men who have sex with men in five cities of china	Sexually Transmitted Infections	10.1136/sextrans-2015-052270.93	Population (did not report data from PrEP users)
Jin, 2021	Human papillomavirus prevalence in urine samples of asymptomatic male sexual partners of women with sexually transmitted diseases	International Journal of Environmental Research and Public Health	10.3390/ijerph182111706	Population (did not report data from PrEP users)

Jobe, 2014	Epidemiology of sexually transmitted infections in rural southwestern Haiti: The grand'anse women's health study	American Journal of Tropical Medicine and Hygiene	10.4269/ajtmh.13-0762	Population (did not report data from PrEP users)
Johnston, 2012	High prevalence of Mycoplasma genitalium among female sex workers in honduras: Implications for the spread of HIV and other sexually transmitted infections	International Journal of STD and AIDS	10.1258/ijsa.2009.009446	Population (did not report data from PrEP users)
Jonduo, 2022	Mycoplasma genitalium macrolide and fluoroquinolone resistance in pregnant women in Papua New Guinea	Sexually Transmitted Infections	10.1136/sextrans-2022-055552	Population (did not report data from PrEP users)
Jordan, 2019	Prevalence and etiology of post-azithromycin persistent non-gonococcal urethritis (NGU) symptoms in men	Sexually Transmitted Infections	10.1136/sextrans-2019-sti.849	Population (did not report data from PrEP users)
Jordan, 2020	Aetiology and prevalence of mixed-infections and mono-infections in non-gonococcal urethritis in men: A case-control study	Sexually Transmitted Infections	10.1136/sextrans-2019-054121	Population (did not report data from PrEP users)
Juliana, 2020	The prevalence of chlamydia trachomatis and three other non-viral sexually transmitted infections among pregnant women in pemba island tanzania	Pathogens	10.3390/pathogens9080625	Population (did not report data from PrEP users)
Juliana, 2021	The Natural Course of Chlamydia trachomatis, Neisseria gonorrhoeae, Trichomonas vaginalis, and Mycoplasma genitalium in Pregnant and Post-Delivery Women in Pemba Island, Tanzania	Microorganisms	10.3390/microorganisms9061180	Population (did not report data from PrEP users)
Juliana, 2021	Vaginal microbiota characteristics and genital infections among pregnant women in Pemba Island, Tanzania	Sexually Transmitted Infections	10.1136/sextrans-2021-sti.179	Population (did not report data from PrEP users)
Justel, 2015	Vertical transmission of bacterial eye infections, Angola, 2011-2012	Emerg Infect Dis	10.3201/eid2103.140312	Population (did not report data from PrEP users)
Kaida, 2016	High burden of asymptomatic genital tract infections among sexually active South African youth: considerations for HIV prevention programs	AIDS Research and Human Retroviruses	10.1089/aid.2016.5000.abstracts	Population (did not report data from PrEP users)
Kaida, 2018	A high burden of asymptomatic genital tract infections undermines the syndromic management approach among adolescents and young adults in South Africa: Implications for HIV prevention efforts	BMC Infectious Diseases	10.1186/s12879-018-3380-6	Population (did not report data from PrEP users)
Karim, 2021	Bacterial sexually transmitted infections and syndromic approach: a study conducted on women at Moroccan University Hospital	GERMS	10.18683/germs.2021.1289	Population (did not report data from PrEP users)
Kazemian, 2022	The prevalence of gonococcal and non-gonococcal infections in women referred to obstetrics and gynecology clinics	Infezioni in Medicina	10.53854/liim-3002-10	Population (did not report data from PrEP users)
Kenyon, 2021	The Population-Level Effect of Screening for Mycoplasma genitalium on Antimicrobial Resistance: A Quasi-Experimental Study	Sexually Transmitted Diseases	10.1097/OLQ.0000000000001404	Outcome
Kharsany, 2020	Population prevalence of sexually transmitted infections in a high HIV burden district in KwaZulu-Natal, South Africa: Implications for HIV epidemic control	International Journal of Infectious Diseases	10.1016/j.ijid.2020.06.046	Population (did not report data from PrEP users)
Khatib, 2015	Prevalence of Trichomonas vaginalis, Mycoplasma genitalium and Ureaplasma urealyticum in men with urethritis attending an urban sexual health clinic	International Journal of STD and AIDS	10.1177/0956462414539464	Population (did not report data from PrEP users)

Khattab, 2016	Study of the prevalence and association of ocular chlamydial conjunctivitis in women with genital infection by Chlamydia trachomatis, Mycoplasma genitalium and Candida albicans attending outpatient clinic	International Journal of Ophthalmology	10.18240/ijo.2016.08.15	Population (did not report data from PrEP users)
Khosropour, 2014	Suboptimal adherence to doxycycline and treatment outcomes among men with non-gonococcal urethritis: A prospective cohort study	Sexually Transmitted Infections	10.1136/sextrans-2013-051174	Population (did not report data from PrEP users)
Khosropour, 2020	High Prevalence of Vaginal and Rectal Mycoplasma genitalium Macrolide Resistance among Female Sexually Transmitted Disease Clinic Patients in Seattle, Washington	Sexually Transmitted Diseases	10.1097/OLQ.0000000000001148	Population (did not report data from PrEP users)
Khryanin, 2011	The detection rate of chlamydia trachomatis and mycoplasma genitalium infections in std clinics in novosibirsk, Russian federation	Sexually Transmitted Infections	10.1136/sextrans-2011-050108.5	Population (did not report data from PrEP users)
Khryanin, 2012	Detection rates of Mycoplasma genitalium and Chlamydia trachomatis infections in Novosibirsk, Siberia, in 2010-2011	Sex Transm Infect	10.1136/sextrans-2012-050596	Population (did not report data from PrEP users)
Kim, 2011	The prevalence and clinical significance of urethritis and cervicitis in asymptomatic people by use of multiplex polymerase chain reaction	Korean Journal of Urology	10.4111/kju.2011.52.10.703	Population (did not report data from PrEP users)
Kim, 2013	Epidemiological trends of sexually transmitted infections among women in cheonan, south korea, 2006-2012	Journal of Microbiology and Biotechnology	10.4014/jmb.1306.06055	Population (did not report data from PrEP users)
Kim, 2013	The prevalence of sexually transmitted infections detected by nucleic acid amplification tests in symptomatic patients and asymptomatic volunteers	International Journal of Antimicrobial Agents	10.1016/S0924-8579(13)70455-2	Population (did not report data from PrEP users)
Kim, 2014	Prevalence of sexually transmitted infections among healthy Korean women: Implications of multiplex PCR pathogen detection on antibiotic therapy	Journal of Infection and Chemotherapy	10.1016/j.jiac.2013.08.005	Population (did not report data from PrEP users)
Kim, 2017	Effects of infections with five sexually transmitted pathogens on sperm quality	Clinical and Experimental Reproductive Medicine-Cerm	10.5653/cerm.2017.44.4.207	Population (did not report data from PrEP users)
Kim, 2017	The prevalence of causative organisms of community-acquired urethritis in an age group at high risk for sexually transmitted infections in Korean Soldiers	Journal of the Royal Army Medical Corps	10.1136/jramc-2015-000488	Population (did not report data from PrEP users)
Kim, 2018	Co-infection Of Ureaplasma urealyticum And Human Papilloma Virus In Asymptomatic Sexually Active Individuals	International Journal of Medical Sciences	10.7150/ijms.26523	Population (did not report data from PrEP users)
Kim, 2019	Sexual behavior and sexually transmitted infection in the elderly population of south korea	Investigative and Clinical Urology	10.4111/icu.2019.60.3.202	Population (did not report data from PrEP users)
Kitaya, 2016	Chronic Endometritis: Potential Cause of Infertility and Obstetric and Neonatal Complications	American Journal of Reproductive Immunology	10.1111/aji.12438	Population (did not report data from PrEP users)
Klavs, 2019	Prevalence of chlamydia, Gonorrhoea, M. Genitalium and T. Vaginalis in the general population of Slovenia, 2016-2017	Sexually Transmitted Infections	10.1136/sextrans-2019-sti.472	Population (did not report data from PrEP users)

Klavs, 2022	Prevalence of sexually transmitted infections with Chlamydia trachomatis, Neisseria gonorrhoeae, Mycoplasma genitalium and Trichomonas vaginalis: findings from the National Survey of Sexual Lifestyles, Attitudes and Health, Slovenia, 2016 to 2017	Euro surveillance : bulletin Europeen sur les maladies transmissibles = European communicable disease bulletin	10.2807/1560-7917.ES.2022.27.14.2100284	Population (did not report data from PrEP users)
Klein, 2019	Relationship between the Cervical Microbiome, HIV Status, and Precancerous Lesions	Mbio	10.1128/mBio.02785-18	Population (did not report data from PrEP users)
Klein, 2020	Mycoplasma co-infection is associated with cervical cancer risk	Cancers	10.3390/cancers12051093	Population (did not report data from PrEP users)
Klepac, 2021	Prevalence of and risk factors for sexually transmitted infection with Chlamydia trachomatis to guide control measures: findings from the Slovenian National Survey of Sexual Lifestyles, Attitudes, and Health in 2016–2017	Acta Dermatovenerologica Alpina, Pannonica et Adriatica	10.15570/actaapa.2021.34	Population (did not report data from PrEP users)
Kofler, 2020	The role of hpv and non-hpv sexually transmitted infections in patients with oropharyngeal carcinoma: A case control study	Cancers	10.3390/cancers12051192	Population (did not report data from PrEP users)
Kogoj, 2018	Epidemiology of Chlamydia trachomatis, Neisseria gonorrhoeae, and urogenital mycoplasma infections in central Slovenia	Clinical Chemistry and Laboratory Medicine	10.1515/cclm-2018-0281	Population (did not report data from PrEP users)
Korhonen, 2019	The Prevalence of HSV, HHV-6, HPV and Mycoplasma genitalium in Chlamydia trachomatis positive and Chlamydia trachomatis Negative Urogenital Samples among Young Women in Finland	Pathogens	10.3390/pathogens8040276	Population (did not report data from PrEP users)
Kostera, 2020	Demographics and population epidemiology of mycoplasma genitalium infection: Correlation to co-infection and prior STI history	Open Forum Infectious Diseases	10.1093/ofid/ofaa439.1712	Population (did not report data from PrEP users)
Kostera, 2021	Prevalence and epidemiological factors associated with trichomonas vaginalis infection in a us multicenter STI clinical study	Sexually Transmitted Infections	10.1136/sextrans-2021-sti.233	Population (did not report data from PrEP users)
Kriesel, 2016	Multiplex PCR testing for nine different sexually transmitted infections	Int J STD AIDS	10.1177/0956462415615775	Population (did not report data from PrEP users)
Krotik, 2021	CHARACTERISTICS OF THE VAGINAL MICROBIOTA, CERVICAL AND UTERINE FLORA IN WOMEN WITH THE PAST HISTORY OF SEXUALLY TRANSMITTED INFECTIONS	Wiadomosci lekarskie (Warsaw, Poland : 1960)	10.36740/wlek202104116	Population (did not report data from PrEP users)
Kufa, 2018	The demographic and clinical profiles of women presenting with vaginal discharge syndrome at primary care facilities in South Africa: Associations with age and implications for management	S. Afr. med. j. (Online)	NR	Population (did not report data from PrEP users)
Kularatne, 2022	Etiological Surveillance of Male Urethritis Syndrome in South Africa: 2019 to 2020	Sexually Transmitted Diseases	10.1097/OLQ.0000000000001647	Population (did not report data from PrEP users)
Kumar, 2011	Aetiology of urethral discharge syndrome and its association with sexual practices among males attending STI clinics in India	Sexually Transmitted Infections	10.1136/sextrans-2011-050108.420	Population (did not report data from PrEP users)
Kwan, 2022	Frequency of sexually transmitted organisms in pelvic infections and their response to treatment	Medical Journal of Malaysia	NR	Population (did not report data from PrEP users)

Kye-Hyun, 2012	Vaginal Candida and Microorganisms Related to Sexual Transmitted Diseases in Women with Symptoms of Vaginitis	Korean Journal of Clinical Microbiology	NR	Population (did not report data from PrEP users)
Lallemand, 2015	Prevalence of mycoplasma genitalium in patients visiting HIV counselling institutions in north-rhine-westphalia, Germany (STI-hit study)	Sexually Transmitted Infections	10.1136/sextrans-2015-052270.391	Population (did not report data from PrEP users)
Lapii, 2019	Ultrastructural Analysis of Urethral Polyps against the Background of Urogenital Infection	Bull Exp Biol Med	10.1007/s10517-019-04625-7	Population (did not report data from PrEP users)
Latif, 2020	Relationship between lead contaminations with the cervical inflammatory in iraqi women of baghdad	Biochemical and Cellular Archives	NR	Population (did not report data from PrEP users)
Latimer, 2019	Clinical Features and Therapeutic Response in Women Meeting Criteria for Presumptive Treatment for Pelvic Inflammatory Disease Associated with Mycoplasma genitalium	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000924	Population (did not report data from PrEP users)
Latimer, 2019	Extragenital mycoplasma genitalium infections amongst men who have sex with men	Sexually Transmitted Infections	10.1136/sextrans-2019-sti.115	Outcome (report results in number of samples, not patients)
Latimer, 2021	The clinical indications for testing women for Mycoplasma genitalium	Sexually Transmitted Infections	10.1136/sextrans-2020-054818	Population (did not report data from PrEP users)
Lau, 2021	A cross-sectional study on the relationship between endocervical polymorphonuclear cell counts and chlamydial cervicitis in female patients in Hong Kong	Hong Kong Journal of Dermatology & Venereology	NR	Population (did not report data from PrEP users)
Le Roux, 2017	PREVALENCE AND MOLECULAR ANALYSIS OF MYCOPLASMA GENITALIUM STRAINS ISOLATED FROM PREGNANT WOMEN AT AN ACADEMIC HOSPITAL IN PRETORIA, SOUTH AFRICA	Sexually Transmitted Infections	10.1136/sextrans-2017-053264.145	Population (did not report data from PrEP users)
Le Roux, 2017	Quantitative Real-Time Polymerase Chain Reaction for the Diagnosis of Mycoplasma genitalium Infection in South African Men with and Without Symptoms of Urethritis	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000540	Population (did not report data from PrEP users)
Le Roy, 2016	Fluoroquinolone-resistant mycoplasma genitalium, Southwestern France	Emerging Infectious Diseases	10.3201/eid2209.160446	Population (did not report data from PrEP users)
Le, 2017	The detection of microorganisms related to urethritis from the oral cavity of male patients with urethritis	Journal of Infection and Chemotherapy	10.1016/j.jiac.2017.06.011	Population (did not report data from PrEP users)
Le, 2022	Ureaplasma urealyticum and Mycoplasma genitalium detection and sperm quality: A cross-sectional study in Vietnam	International Journal of Reproductive BioMedicine	10.18502/ijrm.v20i3.10710	Population (did not report data from PrEP users)
Lee, 2016	The evaluation and risk assessment of sexually transmitted disease in Korean adolescents at risk	International Journal of Infectious Diseases	10.1016/j.ijid.2016.02.465	Population (did not report data from PrEP users)
Lee, 2021	Emergence of antibiotic-resistant Mycoplasma genitalium as the cause of non-gonococcal urethritis in male patients at a sexually transmitted infection clinic	Int J Antimicrob Agents	10.1016/j.ijantimicag.2021.106510	Population (did not report data from PrEP users)
Lee, 2022	Performance of two commercial multiplex polymerase chain reaction assays for the etiological diagnosis of sexually transmitted infections among men who have sex with men	Journal of microbiology, immunology, and infection = Wei mian yu gan ran za zhi	10.1016/j.jmii.2022.08.009	Population (did not report data from PrEP users)

Lee, NR	Coinfections with multiple sexually transmitted pathogens in Republic of Korea, 2018-2020	Journal of Clinical Laboratory Analysis	10.1002/jcla.24682	Population (did not report data from PrEP users)
Lefebvre, 2017	Prevalence of mycoplasma genitalium infection and relationship with symptoms among adults attending a sexual health centre	Acta Dermato-Venereologica	10.2340/00015555-2585	Population (did not report data from PrEP users)
Leli, 2018	Prevalence of cervical colonization by Ureaplasma parvum, Ureaplasma urealyticum, Mycoplasma hominis and Mycoplasma genitalium in childbearing age women by a commercially available multiplex real-time PCR: An Italian observational multicentre study	Journal of Microbiology, Immunology and Infection	10.1016/j.jmii.2017.05.004	Population (did not report data from PrEP users)
Leon, 2016	Molecular detection of sexually transmitted agents in a symptomatic group of men and its relationship with sexual behavior	Revista Chilena De Infectologia	10.4067/s0716-10182016000500003	Population (did not report data from PrEP users)
Lewis, 2011	Trends in the aetiology of sexually transmitted infections and HIV coinfections among STI patients attending alexandra health centre, Johannesburg, South Africa (2007-2010)	Sexually Transmitted Infections	10.1136/sextrans-2011-050108.9	Population (did not report data from PrEP users)
Lewis, 2012	Prevalence and associations of genital ulcer and urethral pathogens in men presenting with genital ulcer syndrome to primary health care clinics in South Africa	Sexually Transmitted Diseases	10.1097/OLQ.0b013e318269cf90	Population (did not report data from PrEP users)
Lewis, 2013	Trends and associations of Neisseria Gonorrhoeae infection in men and women with genital discharge syndromes in Johannesburg, South Africa	Sexually Transmitted Infections	10.1136/sextrans-2013-051184.0739	Population (did not report data from PrEP users)
Lewis, 2019	Estimating population burden of pelvic inflammatory disease due to mycoplasma genitalium in England: An evidence synthesis	Sexually Transmitted Infections	10.1136/sextrans-2019-sti.671	Population (did not report data from PrEP users)
Lewis, 2020	Incidence of pelvic inflammatory disease associated with mycoplasma genitalium infection: Evidence synthesis of cohort study data	Clinical Infectious Diseases	10.1093/cid/ciaa419	Population (did not report data from PrEP users)
Li, 2018	THE HIGH MACROLIDE RESISTANCE IN GENITAL TRACT INFECTION OF CHINESE INFERTILE POPULATION SHOULD RECEIVE MORE ATTENTION	Fertility and Sterility	NR	Population (did not report data from PrEP users)
Li, 2020	Mycoplasma genitalium in symptomatic male urethritis: Macrolide use is associated with increased resistance	Clinical Infectious Diseases	10.1093/cid/ciz294	Population (did not report data from PrEP users)
Li, 2020	Mycoplasma genitalium incidence, treatment failure, and resistance: a retrospective survey of men of infertile couples from a hospital in China	Andrology	10.1111/andr.12646	Population (did not report data from PrEP users)
Li, NR	Rapid Detection of Antimicrobial Resistance in Mycoplasma genitalium by High-Resolution Melting Analysis with Unlabeled Probes	Microbiology Spectrum	10.1128/spectrum.01014-22	Population (did not report data from PrEP users)
Libois, 2015	Prevalence of Mycoplasma genitalium in men with urethritis in a large hospital in Brussels, Belgium	International Journal of STD and AIDS	10.1177/0956462415601768	Population (did not report data from PrEP users)
Libois, 2018	Prevalence of Mycoplasma genitalium in men with urethritis in a large public hospital in Brussels, Belgium: An observational, cross-sectional study	Plos One	10.1371/journal.pone.0196217	Population (did not report data from PrEP users)

Lillis, 2011	Utility of Urine, Vaginal, Cervical, and Rectal Specimens for Detection of Mycoplasma genitalium in Women	Journal of Clinical Microbiology	10.1128/jcm.00129-11	Population (did not report data from PrEP users)
Lillis, 2019	Mycoplasma genitalium Infections in Women Attending a Sexually Transmitted Disease Clinic in New Orleans	Clinical Infectious Diseases	10.1093/cid/ciy922	Population (did not report data from PrEP users)
Lima, 2018	Sexually Transmitted Infections Detected by Multiplex Real Time PCR in Asymptomatic Women and Association with Cervical Intraepithelial Neoplasia	Revista Brasileira De Ginecologia E Obstetricia	10.1055/s-0038-1669994	Population (did not report data from PrEP users)
Limin, 2012	Clinical analysis of mycoplasma infection and female associated diseases	Chinese Journal of Postgraduates of Medicine	NR	Full text not found
Liu, 2020	HIV prevalence among 338,432 infertile individuals in Hunan, China, 2012-2018: A cross-sectional study	PLoS ONE	10.1371/journal.pone.0238564	Population (did not report data from PrEP users)
Liu, 2022	Analysis of Ureaplasma urealyticum, Chlamydia trachomatis, Mycoplasma genitalium and Neisseria gonorrhoeae infections among obstetrics and gynecological outpatients in southwest China: a retrospective study	BMC Infectious Diseases	10.1186/s12879-021-06966-z	Population (did not report data from PrEP users)
Ljubin-Sternak, 2014	Mycoplasma genitalium – Sexually transmitted pathogen that cannot be ignored	Infektoloski Glasnik	NR	Population (did not report data from PrEP users)
Ljubin-Sternak, 2017	Assessing the need for routine screening for mycoplasma genitalium in the low-risk female population: A prevalence and co-infection study on women from Croatia	International Journal of Preventive Medicine	10.4103/ijpvm.IJPVM_309_16	Population (did not report data from PrEP users)
Llangari-Arizo, 2021	Sexually transmitted infections and factors associated with risky sexual practices among female sex workers: A cross sectional study in a large Andean city	PLoS ONE	10.1371/journal.pone.0250117	Population (did not report data from PrEP users)
Lockhart, 2018	Prospective Evaluation of Cervicovaginal Self- and Cervical Physician Collection for the Detection of Chlamydia trachomatis, Neisseria gonorrhoeae, Trichomonas vaginalis, and Mycoplasma genitalium Infections	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000778	Population (did not report data from PrEP users)
Lockhart, 2019	Prevalence and risk factors of trichomonas vaginalis among female sexual workers in Nairobi, Kenya	Sexually Transmitted Diseases	10.1097/OLQ.0000000000001002	Population (did not report data from PrEP users)
Lokken, 2017	Association of Recent Bacterial Vaginosis With Acquisition of Mycoplasma genitalium	Am J Epidemiol	10.1093/aje/kwx043	Population (did not report data from PrEP users)
Lopez-Arias, 2019	Genital association of human papillomavirus with Mycoplasma and Ureaplasma spp. in Mexican women with precancerous lesions	International Journal of STD and AIDS	10.1177/0956462419855508	Population (did not report data from PrEP users)
López-Corbeto, 2020	Pooling of urine samples for molecular detection of Chlamydia trachomatis, Neisseria gonorrhoeae and Mycoplasma genitalium as a screening strategy among young adults in Catalonia	Enfermedades Infecciosas y Microbiología Clínica	10.1016/j.eimc.2019.05.003	Population (did not report data from PrEP users)
Lovett, 2022	Cervicovaginal Microbiota Predicts Neisseria gonorrhoeae Clinical Presentation	Frontiers in Microbiology	10.3389/fmicb.2021.790531	Population (did not report data from PrEP users)

Lusk, 2011	Mycoplasma genitalium is associated with cervicitis and HIV infection in an urban Australian STI clinic population	Sexually Transmitted Infections	10.1136/sti.2010.045138	Population (did not report data from PrEP users)
Lusk, 2016	Cervicitis aetiology and case definition: A study in Australian women attending sexually transmitted infection clinics	Sexually Transmitted Infections	10.1136/sextrans-2015-052332	Population (did not report data from PrEP users)
Lusk, 2017	Cervicitis: a prospective observational study of empiric azithromycin treatment in women with cervicitis and non-specific cervicitis	International Journal of STD and AIDS	10.1177/0956462416628319	Population (did not report data from PrEP users)
Macones, 2012	Discussion: 'Mycoplasma genitalium in cervicitis and pelvic inflammatory disease' by Bjartling et al	American Journal of Obstetrics and Gynecology	10.1016/j.ajog.2012.04.020	Population (did not report data from PrEP users)
Macones, 2012	Mycoplasma genitalium in cervicitis and pelvic inflammatory disease: Bjartling et al	American Journal of Obstetrics and Gynecology	10.1016/j.ajog.2012.04.013	Population (did not report data from PrEP users)
Magaña-Contreras, 2015	Prevalence of sexually transmitted pathogens associated with HPV infection in cervical samples in a Mexican population	Journal of Medical Virology	10.1002/jmv.24278	Population (did not report data from PrEP users)
Magdaleno, 2020	Prevalencia de la infección por Mycoplasma genitalium en mujeres embarazadas	Acta bioquím. clín. latinoam	NR	Population (did not report data from PrEP users)
Mahlangu, 2019	The Prevalence of Mycoplasma genitalium and Association With Human Immunodeficiency Virus Infection in Symptomatic Patients, Johannesburg, South Africa, 2007-2014	Sexually Transmitted Diseases	10.1097/olq.0000000000000984	Population (did not report data from PrEP users)
Mahlangu, 2022	Molecular Characterization and Detection of Macrolide and Fluoroquinolone Resistance Determinants in Mycoplasma genitalium in South Africa, 2015 to 2018	Sexually Transmitted Diseases	10.1097/olq.0000000000001631	Population (did not report data from PrEP users)
Maina, 2021	Diagnostic accuracy of the syndromic management of four stis among individuals seeking treatment at a health centre in nairobi, kenya: A cross-sectional study	Pan African Medical Journal	10.11604/pamj.2021.40.138.25166	Population (did not report data from PrEP users)
Malaguti, 2015	Sensitive detection of thirteen bacterial vaginosis-associated agents using multiplex polymerase chain reaction	BioMed Research International	10.1155/2015/645853	Population (did not report data from PrEP users)
Manhart, 2013	Bacterial vaginosis-associated bacteria in men: Association of Leptotrichia/Sneathia spp. with nongonococcal urethritis	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000054	Population (did not report data from PrEP users)
Manhart, 2013	Mycoplasma Genitalium infection in sub-Saharan Africa: how big is the problem?	Sex Transm Dis	10.1097/OLQ.0b013e3182924b3b	Population (did not report data from PrEP users)
Manhart, 2017	Mycoplasma genitalium on the Loose: Time to Sound the Alarm	Sex Transm Dis	10.1097/olq.0000000000000665	Population (did not report data from PrEP users)
Manhart, 2020	Characteristics of mycoplasma genitalium urogenital infections in a diverse patient sample from the United States: Results from the aptima mycoplasma genitalium evaluation study (AMES)	Journal of Clinical Microbiology	10.1128/JCM.00165-20	Population (did not report data from PrEP users)
Mansson, 2010	High prevalence of HIV-1, HIV-2 and other sexually transmitted infections among women attending two sexual health clinics in Bissau, Guinea-Bissau, West Africa	International Journal of STD and AIDS	10.1258/ijsa.2010.009584	Population (did not report data from PrEP users)

Marlowe, 2019	Trichomonas vaginalis detection in female specimens with cobas® TV/MG for use on the cobas® 6800/8800 systems	European Journal of Microbiology and Immunology	10.1556/1886.2019.00004	Population (did not report data from PrEP users)
Martin-Saco, 2022	Mycoplasma genitalium and sexually transmitted infections: evidences and figures in a tertiary hospital	Revista Espanola de Quimioterapia	10.37201/req/091.2021	Population (did not report data from PrEP users)
Marvast, 2017	Relationship between Chlamydia trachomatis and Mycoplasma genitalium infection and pregnancy rate and outcome in Iranian infertile couples	Andrologia	10.1111/and.12747	Population (did not report data from PrEP users)
Mavedzenge, 2012	The association between Mycoplasma genitalium and HIV-1 acquisition in African women	AIDS	10.1097/QAD.0b013e32834ff690	Population (did not report data from PrEP users)
Mawu, 2011	Sexually transmissible infections among female sex workers in Manado, Indonesia, using a multiplex polymerase chain reaction-based reverse line blot assay	Sexual Health	10.1071/SH10023	Population (did not report data from PrEP users)
Mbah, 2022	Association between Chlamydia trachomatis, Neisseria gonorrhoea, Mycoplasma genitalium, and Trichomonas vaginalis and Secondary Infertility in Cameroon: A case-control study	PLoS ONE	10.1371/journal.pone.0263186	Population (did not report data from PrEP users)
McAuliffe, 2019	Barriers to testing and management of Mycoplasma genitalium infections in primary care	International Journal of STD and AIDS	10.1177/0956462419859757	Population (did not report data from PrEP users)
McClellan, 2017	Analytical Validation of an Analyte Specific Reagent (ASR) for Mycoplasma genitalium Detection and Point Prevalence Assessment	Journal of Molecular Diagnostics	NR	Population (did not report data from PrEP users)
McKechnie, 2011	The prevalence of urogenital micro-organisms detected by a multiplex PCR-reverse line blot assay in women attending three sexual health clinics in Sydney, Australia	Journal of Medical Microbiology	10.1099/jmm.0.029108-0	Population (did not report data from PrEP users)
Mehta, 2012	The effect of medical male circumcision on urogenital mycoplasma genitalium among men in Kisumu, Kenya	Sexually Transmitted Diseases	10.1097/OLQ.0b013e318240189c	Population (did not report data from PrEP users)
Melendez, 2022	Retrospective Analysis of Ugandan Men with Urethritis Reveals Mycoplasma genitalium and Associated Macrolide Resistance	Microbiol Spectrum	10.1128/spectrum.02304-21	Population (did not report data from PrEP users)
Menezes, 2022	Prevalence and Factors Associated with Mycoplasma genitalium Infection in At-risk Adolescent Females	Journal of Pediatric and Adolescent Gynecology	10.1016/j.jpog.2022.01.036	Population (did not report data from PrEP users)
Mezzini, 2013	Mycoplasma genitalium: Prevalence in men presenting with urethritis to a South Australian public sexual health clinic	Internal Medicine Journal	10.1111/imj.12103	Population (did not report data from PrEP users)
Mezzini, 2013	Mycoplasma genitalium: prevalence in men presenting with urethritis to a South Australian public sexual health clinic (vol 43, pg 494, 2013)	Internal Medicine Journal	NR	Population (did not report data from PrEP users)
Mhlongo, 2010	Etiology and STI/HIV coinfections among patients with urethral and vaginal discharge syndromes in South Africa	Sexually Transmitted Diseases	10.1097/OLQ.0b013e3181d877b7	Population (did not report data from PrEP users)
Mirnejad, 2011	Simultaneous and rapid differential diagnosis of Mycoplasma genitalium and Ureaplasma urealyticum based on a polymerase chain reaction-restriction fragment length polymorphism	Indian Journal of Medical Microbiology	10.4103/0255-0857.76521	Population (did not report data from PrEP users)

Missana, 2012	Symptomatic vaginal discharge is a poor predictor of sexually transmitted infections and genital tract inflammation in high-risk women in South Africa	Journal of Infectious Diseases	10.1093/infdis/jis298	Population (did not report data from PrEP users)
Mo, 2016	Prevalence and correlates of Mycoplasma genitalium infection among prostatitis patients in Shanghai, China	Sexual Health	10.1071/SH15155	Population (did not report data from PrEP users)
Mobley, 2012	Mycoplasma genitalium infection in women attending a sexually transmitted infection clinic: Diagnostic specimen type, coinfections, and predictors	Sexually Transmitted Diseases	10.1097/OLQ.0b013e318255de03	Population (did not report data from PrEP users)
Moghadam, 2014	Isolation and molecular identification of mycoplasma genitalium from the secretion of genital tract in infertile male and female	Iranian Journal of Reproductive Medicine	NR	Population (did not report data from PrEP users)
Moi, 2017	Urethral inflammatory response to ureaplasma is significantly lower than to Mycoplasma genitalium and Chlamydia trachomatis	International Journal of STD and AIDS	10.1177/0956462416666482	Population (did not report data from PrEP users)
Molin, 2016	Is the risk for sexually transmissible infections (STI) lower among women with exclusively female sexual partners compared with women with male partners? A retrospective study based on attendees at a Norwegian STI clinic from 2004 to 2014	Sexual Health	10.1071/SH15193	Population (did not report data from PrEP users)
Molina, 2021	Incidence of HIV infection with daily or on-demand oral prep with TDF/FTC in France	Topics in Antiviral Medicine	NR	Population (did not report data from PrEP users)
Molina, 2022	Daily and on-demand HIV pre-exposure prophylaxis with emtricitabine and tenofovir disoproxil (ANRS PREVENIR): a prospective observational cohort study	The Lancet HIV	10.1016/S2352-3018(22)00133-3	Outcome
Mondeja, 2018	Mycoplasma genitalium infections in Cuba: surveillance of urogenital syndromes, 2014–2015	International Journal of STD and AIDS	10.1177/0956462418767186	Population (did not report data from PrEP users)
Moore, 2021	Mycoplasma genitalium and Bacterial Vaginosis-Associated Bacteria in a Non-Clinic-Based Sample of African American Women	Sexually transmitted diseases	10.1097/OLQ.0000000000001275	Population (did not report data from PrEP users)
Moran, 2022	Evaluating specimen pooling for Neisseria gonorrhoeae, Chlamydia trachomatis, and Mycoplasma genitalium screening in asymptomatic men who have sex with men	Int J STD AIDS	10.1177/09564624221100098	Population (did not report data from PrEP users)
Moridi, 2021	Prevalence determination of m. hominis and m. genitalium in the semen samples in the northeast of Iran using culture and multiplex polymerase chain reaction	Archives of Razi Institute	10.22092/ari.2019.125966.1338	Population (did not report data from PrEP users)
Mortaki, 2020	Prevalence of cervico-vaginal high-risk HPV types and other sexually transmitted pathogens in anogenital warts patients	Anticancer Research	10.21873/anticanres.14183	Full text not found
Mortamedifar, 2020	The prevalence of bacteriospermia in infertile men and association with semen quality in southwestern Iran	Infectious Disorders - Drug Targets	10.2174/1871526519666181123182116	Full text not found
Mounzer, 2021	Are We Hitting the Target? HIV Pre-Exposure Prophylaxis from 2012 to 2020 in the OPERA Cohort	AIDS Patient Care and STDs	10.1089/apc.2021.0064	Outcome
Mousavi, 2014	Detection of genital mycoplasmal infections among infertile females by multiplex PCR	Iranian Journal of Microbiology	NR	Population (did not report data from PrEP users)

Mueller, 2020	Sexually transmitted coinfections in patients with anogenital warts – a retrospective analysis of 196 patients	JDDG - Journal of the German Society of Dermatology	10.1111/ddg.14060	Population (did not report data from PrEP users)
Müller, 2012	Development of a rotor-gene real-time PCR assay for the detection and quantification of <i>Mycoplasma genitalium</i>	Journal of Microbiological Methods	10.1016/j.mimet.2011.12.017	Population (did not report data from PrEP users)
Muller, 2019	Macrolide and fluoroquinolone resistance-associated mutations in <i>Mycoplasma genitalium</i> in Johannesburg, South Africa, 2007-2014	BMC Infectious Diseases	10.1186/s12879-019-3797-6	Population (did not report data from PrEP users)
Mulligan, 2019	Prevalence, Macrolide Resistance, and Fluoroquinolone Resistance in <i>Mycoplasma genitalium</i> in Men Who Have Sex with Men Attending an Sexually Transmitted Disease Clinic in Dublin, Ireland in 2017-2018	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000940	Population (did not report data from PrEP users)
Muñoz Santa, 2021	<i>Mycoplasma genitalium</i> : Analysis of mutations associated with macrolide resistance in Lleida, Spain	Enfermedades Infecciosas y Microbiología Clínica	10.1016/j.eimc.2021.02.004	Population (did not report data from PrEP users)
Muñoz Santa, 2022	<i>Mycoplasma genitalium</i> : Analysis of mutations associated with macrolide resistance in Lleida, Spain	Enferm Infecc Microbiol Clin (Engl Ed)	10.1016/j.eimce.2021.02.010	Population (did not report the number of patients on PrEP)
Munson, 2016	Clinical Laboratory Assessment of <i>Mycoplasma genitalium</i> Transcription-Mediated Amplification Using Primary Female Urogenital Specimens	Journal of Clinical Microbiology	10.1128/jcm.02463-15	Population (did not report data from PrEP users)
Munson, 2017	Clinical laboratory assessments for <i>Mycoplasma genitalium</i> in a high-prevalence sexually-transmitted infection community reveal epidemiologic dichotomies with <i>Trichomonas vaginalis</i>	Expert Review of Anti-Infective Therapy	10.1080/14787210.2017.1265887	Population (did not report data from PrEP users)
Munson, 2017	Expansion of comprehensive screening of male sexually transmitted infection clinic attendees with <i>Mycoplasma genitalium</i> and <i>Trichomonas vaginalis</i> molecular assessment: A retrospective analysis	Journal of Clinical Microbiology	10.1128/JCM.01625-16	Population (did not report data from PrEP users)
Munson, 2017	Molecular Diagnostics Update for the Emerging (If Not Already Widespread) Sexually Transmitted Infection Agent <i>Mycoplasma genitalium</i> : Just About Ready for Prime Time	J Clin Microbiol	10.1128/jcm.00818-17	Population (did not report data from PrEP users)
Munson, 2020	Comprehensive Molecular Screening in a Cohort of Young Men Who Have Sex With Men and Transgender Women: Effect of Additive Rectal Specimen Source Collection and Analyte Testing	Sex Transm Dis	10.1097/olq.0000000000001244	Population (did not report data from PrEP users)
Munson, 2021	Molecular screening in a longitudinal cohort of young men who have sex with men and young transgender women: Associations with focus on the emerging sexually transmitted pathogen <i>Mycoplasma genitalium</i>	Sexually Transmitted Infections	10.1136/sextrans-2020-054463	Population (did not report data from PrEP users)
Murray, 2019	The impact of sample storage on molecular-based detection of <i>Mycoplasma genitalium</i>	Journal of Applied Microbiology	10.1111/jam.14359	Population (did not report data from PrEP users)
Murray, 2022	parC Variants in <i>Mycoplasma genitalium</i> : Trends over Time and Association with Moxifloxacin Failure	Antimicrob Agents Chemother	10.1128/aac.00278-22	Population (did not report data from PrEP users)
Muzny, 2011	Sexually transmitted infections and risk behaviors among African American women who have sex with women: Does sex with men make a difference?	Sexually Transmitted Diseases	10.1097/OLQ.0b013e31822e6179	Population (did not report data from PrEP users)

Muzny, 2014	Sexual partnership characteristics of African American women who have sex with women; impact on sexually transmitted infection risk	Sex Transm Dis	10.1097/olq.0000000000000194	Population (did not report data from PrEP users)
Mwasakifwa, 2020	Proctitis in gay and bisexual men. Are microscopy and proctoscopy worthwhile?	Sexually Transmitted Infections	10.1136/sextrans-2019-054197	Outcome
NA, 2015	STI and HIV World Congress 2015	Sexually Transmitted Infections	NR	Population (did not report data from PrEP users)
NA, 2020	BASHH Virtual Annual Conference	International Journal of STD and AIDS	NR	Population (did not report data from PrEP users)
Nakashima, 2014	Prevalence of human papillomavirus infection in the oropharynx and urine among sexually active men: A comparative study of infection by papillomavirus and other organisms, including <i>Neisseria gonorrhoeae</i> , <i>Chlamydia trachomatis</i> , <i>Mycoplasma spp.</i> , and <i>Ureaplasma spp</i>	BMC Infectious Diseases	10.1186/1471-2334-14-43	Population (did not report data from PrEP users)
Napierala, 2015	Detection of <i>Mycoplasma genitalium</i> from male primary urine specimens: An epidemiologic dichotomy with <i>Trichomonas vaginalis</i>	Diagnostic Microbiology and Infectious Disease	10.1016/j.diagmicrobio.2015.03.016	Population (did not report data from PrEP users)
Napierala, 2015	<i>Mycoplasma genitalium</i> is associated with increased genital HIV type 1 RNA in zimbabwean women	Journal of Infectious Diseases	10.1093/infdis/jiu644	Population (did not report data from PrEP users)
Nemirosky, 2021	Macrolide resistance in <i>Mycoplasma genitalium</i> in Catalonia, Spain: a 1 year prospective study	Journal of Antimicrobial Chemotherapy	10.1093/jac/dkab224	Population (did not report data from PrEP users)
Ng, 2016	<i>Trichomonas vaginalis</i> infection: How significant is it in men presenting with recurrent or persistent symptoms of urethritis?	International Journal of STD and AIDS	10.1177/0956462415571372	Population (did not report data from PrEP users)
Ng, 2020	Molecular detection of <i>mycoplasma genitalium</i> in endocervical swabs and associated rates of macrolide and fluoroquinolone resistance in hong kong	Hong Kong Medical Journal	10.12809/hkmj208507	Population (did not report data from PrEP users)
Nguyen, 2022	Investigating the microbial pathogens of sexually transmitted infections among heterosexual Vietnamese men with symptomatic urethritis	Aging Male	10.1080/13685538.2022.2063272	Population (did not report data from PrEP users)
Nijhuis, 2021	Prevalence of <i>Chlamydia trachomatis</i> , <i>Neisseria gonorrhoeae</i> , <i>Mycoplasma genitalium</i> and <i>Trichomonas vaginalis</i> including relevant resistance-associated mutations in a single center in the Netherlands	European Journal of Clinical Microbiology and Infectious Diseases	10.1007/s10096-020-04061-w	Population (did not report data from PrEP users)
Nilsen, 2011	Low prevalence of <i>Mycoplasma genitalium</i> in patients examined for <i>Chlamydia trachomatis</i>	Tidsskrift for den Norske lægeforening : tidsskrift for praktisk medicin, ny række	NR	Population (did not report data from PrEP users)
Nodjikoumbaye , 2019	Accuracy of curable sexually transmitted infections and genital mycoplasmas screening by multiplex real-time PCR using a self-collected veil among adult women in Sub-Saharan Africa	Infectious Diseases in Obstetrics and Gynecology	10.1155/2019/8639510	Population (did not report data from PrEP users)
Nolskog, 2019	STI with <i>Mycoplasma genitalium</i> —more common than <i>Chlamydia trachomatis</i> in patients attending youth clinics in Sweden	European Journal of Clinical Microbiology and Infectious Diseases	10.1007/s10096-018-3395-3	Population (did not report data from PrEP users)
NR, 2010	Sexually transmitted infections	FMC Formacion Medica Continuada en Atencion Primaria	10.1016/S1134-2072(10)70112-2	Population (did not report data from PrEP users)

Nye, 2020	Prevalence of <i>Mycoplasma genitalium</i> infection in women with bacterial vaginosis	BMC Women's Health	10.1186/s12905-020-00926-6	Population (did not report data from PrEP users)
Oakeshott, 2010	Is <i>Mycoplasma genitalium</i> in women the "new chlamydia?" A community-based prospective cohort study	Clinical Infectious Diseases	10.1086/656739	Population (did not report data from PrEP users)
Obermeier, 2019	<i>Mycoplasma genitalium</i> resistance against macrolide antibiotics in the Berlin MSM cohort tested with the Alplex MG & AziR Assay (SeeGene)	Hiv Medicine	NR	Population (did not report data from PrEP users)
Oh, 2021	<i>Mycoplasma genitalium</i> and <i>mycoplasma hominis</i> infection in south korea during 2018-2020	Iranian Journal of Microbiology	10.18502/ijm.v13i5.7423	Population (did not report data from PrEP users)
Oh, 2022	Laboratory Investigation of Sexually Transmitted Infections in the Elderly Population of South Korea	Microbiology and Biotechnology Letters	10.48022/mbi.2204.04006	Population (did not report data from PrEP users)
Oliphant, 2013	Cervicitis: Limited clinical utility for the detection of <i>Mycoplasma genitalium</i> in a cross-sectional study of women attending a New Zealand sexual health clinic	Sexual Health	10.1071/SH12168	Population (did not report data from PrEP users)
Oliphant, 2016	Pelvic inflammatory disease associated with <i>Chlamydia trachomatis</i> but not <i>Mycoplasma genitalium</i> in New Zealand	Sexual Health	10.1071/SH14238	Population (did not report data from PrEP users)
Olson, 2021	<i>Mycoplasma genitalium</i> infection in women reporting dysuria: A pilot study and review of the literature	Int J STD AIDS	10.1177/09564624211030040	Population (did not report data from PrEP users)
Ona, 2016	<i>Mycoplasma genitalium</i> : An Overlooked Sexually Transmitted Pathogen in Women?	Infectious Diseases in Obstetrics and Gynecology	10.1155/2016/4513089	Population (did not report data from PrEP users)
Ondondo, 2010	Differential association of ureaplasma species with non-gonococcal urethritis in heterosexual men	Sexually Transmitted Infections	10.1136/sti.2009.040394	Population (did not report data from PrEP users)
Ong, 2017	Should female partners of men with non-gonococcal urethritis, negative for <i>Chlamydia trachomatis</i> and <i>Mycoplasma genitalium</i> , be informed and treated? Clinical outcomes from a partner study of heterosexual men with NGU	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000546	Population (did not report data from PrEP users)
Ong, 2018	Clinical Characteristics of Anorectal <i>Mycoplasma genitalium</i> Infection and Microbial Cure in Men Who Have Sex with Men	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000793	Population (did not report data from PrEP users)
Ong, 2019	Clinical Characteristics of <i>Mycoplasma genitalium</i> and the Usefulness of Syndromic Management Among Women Living With Human Immunodeficiency Virus	Sex Transm Dis	10.1097/olq.0000000000001054	Population (did not report data from PrEP users)
Ong, 2019	Prevalence and Antimicrobial Resistance of <i>Mycoplasma genitalium</i> Infection among Women Living with Human Immunodeficiency Virus in South Africa: A Prospective Cohort Study	Clinical Infectious Diseases	10.1093/cid/ciz045	Population (did not report data from PrEP users)
Opolskiene, 2021	The use of vaginal wet smear: can we predict <i>Mycoplasmas/Ureaplasmas</i> ?	Archives of Gynecology and Obstetrics	10.1007/s00404-021-05976-1	Population (did not report data from PrEP users)

Orzechowska, 2022	Comparative Analysis of the Incidence of Selected Sexually Transmitted Bacterial Infections in Poland in 2010-2015: A Retrospective Cohort Study	Journal of Clinical Medicine	10.3390/jcm11040998	Population (did not report data from PrEP users)
Otgonjargala, 2017	Effect of Mycoplasma hominis and cytomegalovirus infection on pregnancy outcome: A prospective study of 200 Mongolian women and their newborns	PLoS ONE	10.1371/journal.pone.0173283	Population (did not report data from PrEP users)
Ouzounova-Raykova, 2011	Detection of the sexually transmissible genital mycoplasmas by polymerase chain reaction in women	Sexual Health	10.1071/SH11044	Population (did not report data from PrEP users)
Ouzounova-Raykova, 2018	GENITAL MYCOPLASMAS AND UREAPLASMAS AND ABNORMAL SEMEN QUALITY IN INFERTILE BULGARIAN MEN	Comptes Rendus De L Academie Bulgare Des Sciences	10.7546/crabs.2018.07.15	Full text not found
Pai, 2013	Prevalence of sexually transmitted diseases among men who have sex with men in some cities of Jiangsu province	Chinese Journal of Dermatology	NR	Full text not found
Panos, 2018	Prevalence studies of M. genitalium and other sexually transmitted pathogens in high risk individuals indicate the need for comprehensive investigation of STIs for accurate diagnosis and effective treatment	GERMS	10.18683/germs.2018.1127	Population (did not report data from PrEP users)
Papeš, 2017	Detection of sexually transmitted pathogens in patients with chronic prostatitis/chronic pelvic pain: a prospective clinical study	International Journal of STD and AIDS	10.1177/0956462417691440	Population (did not report data from PrEP users)
Park, 2017	Prevalence of and Risk Factors for Sexually Transmitted Infections among Korean Adolescents under Probation	Journal of Korean medical science	10.3346/jkms.2017.32.11.1771	Population (did not report data from PrEP users)
Park, 2020	Prevalence and correlated factors of sexually transmitted infections among women attending a Korean sexual assault center	Journal of Forensic and Legal Medicine	10.1016/j.jflm.2020.101935	Population (did not report data from PrEP users)
Parmar, 2021	High Prevalence of Macrolide and Fluoroquinolone Resistance-Mediating Mutations in Mycoplasma genitalium -Positive Urine Specimens from Saskatchewan	Sexually Transmitted Diseases	10.1097/OLQ.0000000000001402	Population (did not report data from PrEP users)
Paulsen, 2016	Prevalence of M. genitalium and U. urealyticum in urine tested for C. trachomatis	Tidsskrift for den Norske lægeforening : tidsskrift for praktisk medicin, ny række	10.4045/tidsskr.14.1574	Population (did not report data from PrEP users)
Payne, 2016	Ureaplasma parvum genotype, combined vaginal colonisation with Candida albicans, and spontaneous preterm birth in an Australian cohort of pregnant women	BMC Pregnancy and Childbirth	10.1186/s12884-016-1110-x	Population (did not report data from PrEP users)
Peacock, 2022	Successful Identification of Mixed Vaginal Infections Requires Comprehensive Testing	Obstetrics and Gynecology	NR	Population (did not report data from PrEP users)
Pebdeni, 2022	Bacteriospermia and its association with seminal fluid parameters and infertility in infertile men, Kerman, Iran: A cross-sectional study	International Journal of Reproductive BioMedicine	10.18502/ijrm.v20i3.10712	Population (did not report data from PrEP users)
Pecavar, 2021	Pre-exposure prophylaxis for HIV with oral tenofovir disoproxil fumarate/emtricitabine in men who have sex with men: Slovenian national demonstration project	International Journal of STD and AIDS	10.1177/09564624211019876	Outcome
Peretz, 2020	Mycoplasma and Ureaplasma carriage in pregnant women: The prevalence of transmission from mother to newborn	BMC Pregnancy and Childbirth	10.1186/s12884-020-03147-9	Population (did not report data from PrEP users)

Pereyre, 2017	Mycoplasma genitalium and Trichomonas vaginalis in France: a point prevalence study in people screened for sexually transmitted diseases	Clinical Microbiology and Infection	10.1016/j.cmi.2016.10.028	Population (did not report data from PrEP users)
Pereyre, 2022	Prevalence of macrolide and fluoroquinolone resistance-associated mutations in Mycoplasma genitalium in metropolitan and overseas France	Sexually Transmitted Infections	10.1136/sextrans-2022-055466	Population (did not report data from PrEP users)
Perin, 2021	Maternal and Fetal Outcomes in an Observational Cohort of Women With Mycoplasma genitalium Infections	Sexually transmitted diseases	10.1097/OLQ.0000000000001569	Population (did not report data from PrEP users)
Peters, 2021	Lack of macrolide resistance in Mycoplasma genitalium infections in a cohort of pregnant women in South Africa	Sexually Transmitted Infections	10.1136/sextrans-2020-054583	Population (did not report data from PrEP users)
Petrov, 2021	Distribution of Mycoplasma spp. and Ureaplasma spp. among pregnant women	Journal of IMAB - Annual Proceeding (Scientific Papers)	10.5272/JIMAB.2021271.3630	Population (did not report data from PrEP users)
Peuchant, 2012	Prevalence and risk factors associated with Chlamydia trachomatis, Neisseria gonorrhoeae and Mycoplasma genitalium infections in French pregnant women	Clinical Microbiology and Infection	10.1111/j.1469-0691.2012.03802.x	Population (did not report data from PrEP users)
Peuchant, 2015	Screening for Chlamydia trachomatis, Neisseria gonorrhoeae, and Mycoplasma genitalium should it be integrated into routine pregnancy care in French young pregnant women?	Diagnostic Microbiology and Infectious Disease	10.1016/j.diagmicrobio.2015.01.014	Population (did not report data from PrEP users)
Philipova, 2017	Mycoplasma genitalium: Prevalence and clinical significance in Sofia municipality	Problems of Infectious and Parasitic Diseases	NR	Population (did not report data from PrEP users)
Philipova, 2022	Azithromycin treatment failure and macrolide resistance in Mycoplasma genitalium infections in Sofia, Bulgaria	Folia Med (Plovdiv)	10.3897/folmed.64.e63624	Population (did not report data from PrEP users)
Pietro, 2020	The swiss STAR trial - An evaluation of target groups for sexually transmitted infection screening in the sub-sample of women	Swiss Medical Weekly	10.4414/smw.2020.20393	Population (did not report data from PrEP users)
Pintye, 2014	Association between male circumcision and incidence of syphilis in men and women: a prospective study in HIV-1 serodiscordant heterosexual African couples	Lancet Global Health	10.1016/s2214-109x(14)70315-8	Population (did not report data from PrEP users)
Piscopo, 2020	Increased prevalence of endocervical Mycoplasma and Ureaplasma colonization in infertile women with tubal factor	Jornal Brasileiro De Reproducao Assistida	10.5935/1518-0557.20190078	Population (did not report data from PrEP users)
Pitt, 2021	Prevalence of Chlamydia trachomatis and Mycoplasma genitalium coinfections and M. genitalium antimicrobial resistance in rectal specimens	Sexually Transmitted Infections	10.1136/sextrans-2020-054803	Population (did not report data from PrEP users)
Pitt, 2022	Antimicrobial resistance in bacterial sexually transmitted infections	Medicine (United Kingdom)	10.1016/j.mpmed.2022.02.006	Population (did not report data from PrEP users)
Plecko, 2014	Unusually low prevalence of Mycoplasma genitalium in urine samples from infertile men and healthy controls: A prevalence study	BMJ Open	10.1136/bmjopen-2014-005372	Population (did not report data from PrEP users)
Plummer, 2021	Are Mycoplasma hominis, Ureaplasma urealyticum and Ureaplasma parvum Associated with Specific Genital Symptoms and Clinical Signs in Nonpregnant Women?	Clinical Infectious Diseases	10.1093/cid/ciab061	Population (did not report data from PrEP users)

Pond, 2014	High prevalence of antibiotic-resistant mycoplasma genitalium in nongonococcal urethritis: The need for routine testing and the inadequacy of current treatment options	Clinical Infectious Diseases	10.1093/cid/cit752	Population (did not report data from PrEP users)
Qing, 2017	Prevalence of Chlamydia trachomatis, Neisseria gonorrhoeae, Mycoplasma genitalium and Ureaplasma urealyticum infections using a novel isothermal simultaneous RNA amplification testing method in infertile males	Annals of Clinical Microbiology and Antimicrobials	10.1186/s12941-017-0220-2	Population (did not report data from PrEP users)
Quentin, 2012	Microbiologic basis of diagnosis and treatment of pelvic inflammatory disease	Journal De Gynecologie Obstetrique Et Biologie De La Reproduction	10.1016/j.jgyn.2012.09.015	Population (did not report data from PrEP users)
Raffe, 2022	Diagnostic tests for sexually transmitted infections	Medicine (United Kingdom)	10.1016/j.mpmed.2022.01.004	Population (did not report data from PrEP users)
Rahimkhani, 2018	Detection of urinary Chlamydia trachomatis, Mycoplasma genitalium and human papilloma virus in the first trimester of pregnancy by PCR method	Annals of Clinical Microbiology and Antimicrobials	10.1186/s12941-018-0276-7	Population (did not report data from PrEP users)
Ramazanzadeh, 2016	A Case-control Study on the Relationship between Mycoplasma genitalium Infection in Women with Normal Pregnancy and Spontaneous Abortion using Polymerase Chain Reaction	Osong Public Health and Research Perspectives	10.1016/j.phrp.2016.07.001	Population (did not report data from PrEP users)
Ramien, 2016	Prevalence and Therapy Refractoriness of Mycoplasma-genitalium-infections in HIV-positive and HIV-negative Patients	Journal Der Deutschen Dermatologischen Gesellschaft	NR	Population (did not report data from PrEP users)
Randjelovic, 2018	The Role of Polymorphonuclear Leukocyte Counts from Urethra, Cervix, and Vaginal Wet Mount in Diagnosis of Nongonococcal Lower Genital Tract Infection	Infectious Diseases in Obstetrics and Gynecology	10.1155/2018/8236575	Population (did not report data from PrEP users)
Rane, 2014	Characteristics of acute nongonococcal urethritis in men differ by sexual preference	J Clin Microbiol	10.1128/jcm.00899-14	Population (did not report data from PrEP users)
Rawre, 2019	Distribution of Chlamydia trachomatis omp A genotypes in patients attending a sexually transmitted disease outpatient clinic in New Delhi, India	Indian Journal of Medical Research	10.4103/ijmr.IJMR_1171_17	Population (did not report data from PrEP users)
Redelinghuys, 2015	A cross-sectional study on the relationship of age, gestational age and HIV infection to bacterial vaginosis and genital mycoplasma infection	BMJ Open	10.1136/bmjopen-2015-008530	Population (did not report data from PrEP users)
Refaat, 2016	The prevalence of Chlamydia trachomatis and Mycoplasma genitalium tubal infections and their effects on the expression of IL-6 and leukaemia inhibitory factor in Fallopian tubes with and without an ectopic pregnancy	Innate Immunity	10.1177/1753425916662326	Population (did not report data from PrEP users)
Reichert, 2019	High seroprevalence of mycoplasma genitalium in the general adult population of Germany	Sexually Transmitted Infections	10.1136/sextrans-2019-sti.679	Population (did not report data from PrEP users)
Reinton, 2013	Anatomic distribution of Neisseria gonorrhoeae, Chlamydia trachomatis and Mycoplasma genitalium infections in men who have sex with men	Sexual Health	10.1071/SH12092	Population (did not report data from PrEP users)
Reinton, 2015	Analysis of direct-to-consumer marketed Chlamydia trachomatis diagnostic tests in Norway	Sexual Health	10.1071/SH14216	Population (did not report data from PrEP users)

Rekha, 2019	Occurrence of Mycoplasma genitalium in the peritoneal fluid of fertile and infertile women with detailed analysis among infertile women	Microbial Pathogenesis	10.1016/j.micpath.2019.02.006	Population (did not report data from PrEP users)
Relich, 2018	Clinical Evaluation of the Aptima Mycoplasma genitalium Assay Reveals the Prevalence of Mycoplasma genitalium Infection among Patients Tested for other Sexually Transmitted Pathogens in Indiana	Journal of Molecular Diagnostics	NR	Population (did not report data from PrEP users)
Ribeiro, 2019	Pre-exposure prophylaxis counseling in a community sexual health clinic for men who have sex with men in Lisbon, Portugal	Acta Medica Portuguesa	10.20344/amp.11474	Population (did not report data from PrEP users)
Rietmeijer, 2018	The Etiology of Male Urethral Discharge in Zimbabwe: Results from the Zimbabwe STI Etiology Study	Sex Transm Dis	10.1097/olq.0000000000000696	Population (did not report data from PrEP users)
Ring, 2022	High Rates of Asymptomatic Mycoplasma genitalium Infections With High Proportion of Genotypic Resistance to First-Line Macrolide Treatment Among Men Who Have Sex With Men Enrolled in the Zurich Primary HIV Infection Study	Open Forum Infectious Diseases	10.1093/ofid/ofac217	Population (did not report data from PrEP users)
Rivaya, 2022	Detection and Prevalence of Macrolide and Fluoroquinolone Resistance in Mycoplasma genitalium in Badalona, Spain	Antibiotics (Basel)	10.3390/antibiotics11040485	Population (did not report data from PrEP users)
Rodrigues, 2011	Frequency of Chlamydia trachomatis, Neisseria gonorrhoeae, Mycoplasma genitalium, Mycoplasma hominis and Ureaplasma species in cervical samples	Journal of Obstetrics and Gynaecology	10.3109/01443615.2010.548880	Population (did not report data from PrEP users)
Rodrigues, 2019	Sexually transmitted infections among HIV-infected and HIV-uninfected women in the Tapajós region, Amazon, Brazil: Self-collected vs. Clinician-collected samples	PLoS ONE	10.1371/journal.pone.0215001	Population (did not report data from PrEP users)
Rodríguez, 2015	Estudio retrospectivo en el diagnóstico de Mycoplasma y Ureaplasma en muestra seminal de 89 pacientes en la Ciudad de México	Rev. Fac. Med. UNAM	NR	Population (did not report data from PrEP users)
Ronda, 2018	Does the Sex Risk Quiz Predict Mycoplasma genitalium Infection in Urban Adolescents and Young Adult Women?	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000874	Population (did not report data from PrEP users)
Rowlands, 2017	Microbial invasion of the amniotic cavity in midtrimester pregnancies using molecular microbiology	American Journal of Obstetrics and Gynecology	10.1016/j.ajog.2017.02.051	Population (did not report data from PrEP users)
Rowlinson, 2021	Incidence of Nongonococcal Urethritis in Men Who Have Sex With Women and Associated Risk Factors	Sexually transmitted diseases	10.1097/OLQ.0000000000001314	Population (did not report data from PrEP users)
Roxby, 2019	Mycoplasma genitalium infection among HIV-infected pregnant African women and implications for mother-to-child transmission of HIV	AIDS	10.1097/QAD.0000000000002335	Population (did not report data from PrEP users)
Roy, 2021	Association of Chlamydia trachomatis, Neisseria gonorrhoeae, Mycoplasma genitalium and Ureaplasma species infection and organism load with cervicitis in north Indian population	Lett Appl Microbiol	10.1111/lam.13520	Population (did not report data from PrEP users)
Rumyantseva, 2015	Evaluation of the new AmpliSens multiplex real-time PCR assay for simultaneous detection of Neisseria gonorrhoeae, Chlamydia trachomatis, Mycoplasma genitalium, and Trichomonas vaginalis	APMIS	10.1111/apm.12430	Population (did not report data from PrEP users)

Sadrpour, 2013	Detection of Chlamydia trachomatis and Mycoplasma genitalium in semen samples of infertile men using multiplex PCR	Tehran University Medical Journal	NR	Population (did not report data from PrEP users)
Saigal, 2016	Genital Mycoplasma and Chlamydia trachomatis infections in patients with genital tract infections attending a tertiary care hospital of North India	Indian Journal of Pathology and Microbiology	10.4103/0377-4929.182019	Population (did not report data from PrEP users)
Salado-Rasmussen, 2022	Clinical Importance of Superior Sensitivity of the Aptima TMA-Based Assays for Mycoplasma genitalium Detection	Journal of Clinical Microbiology	10.1128/jcm.02369-21	Population (did not report data from PrEP users)
Salado, 2014	Mycoplasma genitalium testing pattern and macrolide resistance: A Danish nationwide retrospective survey	Clinical Infectious Diseases	10.1093/cid/ciu217	Population (did not report data from PrEP users)
Saldanha, 2020	STIs in adolescents: Chlamydia, gonorrhoea, mycoplasma genitalium, and HPV	Current Problems in Pediatric and Adolescent Health Care	10.1016/j.cppeds.2020.100835	Population (did not report data from PrEP users)
Sameni, 2022	Evaluation of Ureaplasma urealyticum, Chlamydia trachomatis, Mycoplasma genitalium and Neisseria gonorrhoeae in infertile women compared to pregnant women	Journal of Obstetrics and Gynaecology	10.1080/01443615.2022.2035328	Population (did not report data from PrEP users)
Samra, 2011	Direct simultaneous detection of 6 sexually transmitted pathogens from clinical specimens by multiplex polymerase chain reaction and auto-capillary electrophoresis	Diagnostic Microbiology and Infectious Disease	10.1016/j.diagmicrobio.2010.12.001	Population (did not report data from PrEP users)
Sanchez-Garcia, 2021	Molecular epidemiology of bacterial vaginosis and its association with genital micro-organisms in asymptomatic women	Journal of Medical Microbiology	10.1099/JMM.0.001044	Population (did not report data from PrEP users)
Santa, 2022	Report of sexually transmitted infections prevalence in asymptomatic pregnant women under 25 years old in Lleida, Spain	Revista Espanola de Quimioterapia	10.37201/req/100.2021	Population (did not report data from PrEP users)
Sarier, 2019	Prevalence of polymicrobial infection in urethritis	Journal of Urological Surgery	10.4274/jus.galenos.2019.2405	Population (did not report data from PrEP users)
Saunders, 2013	Factors associated with asymptomatic non-chlamydial non-gonococcal urethritis in heterosexual men: Findings from a case-control study	International Journal of STD and AIDS	10.1177/0956462413477554	Population (did not report data from PrEP users)
Scaglione, 2022	Molecular Epidemiology of Genital Infections in Campania Region: A Retrospective Study	Diagnostics	10.3390/diagnostics12081798	Population (did not report data from PrEP users)
Schmidt, 2020	The swiss STAR trial - An evaluation of target groups for sexually transmitted infection screening in the sub-sample of men	Swiss Medical Weekly	10.4414/smw.2020.20392	Population (did not report data from PrEP users)
Scoullar, 2021	Mycoplasma genitalium and Other Reproductive Tract Infections in Pregnant Women, Papua New Guinea, 2015-2017	Emerg Infect Dis	10.3201/eid2703.201783	Population (did not report data from PrEP users)
Se-Jin, 2013	Comparison of the Anyplex II STI-7 and Seeplex STD6 ACE Detection Kits for the Detection of Sexually Transmitted Infections	Journal of Laboratory Medicine and Quality Assurance	NR	Population (did not report data from PrEP users)
Sellami, 2014	Molecular detection of Chlamydia trachomatis and other sexually transmitted bacteria in semen of male partners of infertile couples in	PLoS ONE	10.1371/journal.pone.0098903	Population (did not report data from PrEP users)

	Tunisia: The effect on semen parameters and spermatozoa apoptosis markers			
Seña, 2012	Chlamydia trachomatis, Mycoplasma genitalium, and Trichomonas vaginalis Infections in Men With Nongonococcal Urethritis: Predictors and Persistence After Therapy	Journal of Infectious Diseases	10.1093/infdis/jis356	Population (did not report data from PrEP users)
Seña, 2017	A silent epidemic: The prevalence, incidence and persistence of mycoplasma genitalium in young asymptomatic women in the United States	Sexually Transmitted Infections	10.1136/sextrans-2017-053264.182	Population (did not report data from PrEP users)
Seña, 2018	A silent epidemic: The prevalence, incidence and persistence of mycoplasma genitalium among young, asymptomatic high-risk women in the United States	Clinical Infectious Diseases	10.1093/cid/ciy025	Population (did not report data from PrEP users)
Seo, 2014	Prevalence of trichomonas vaginalis by PCR in men attending a primary care urology clinic in South Korea	Korean Journal of Parasitology	10.3347/kjp.2014.52.5.551	Population (did not report data from PrEP users)
Shah, 2014	Performance and comparison of self-reported STI symptoms among high-risk populations – MSM, sex workers, persons living with HIV/AIDS – in El Salvador	International Journal of STD and AIDS	10.1177/0956462414526860	Population (did not report data from PrEP users)
Shigehara, 2011	Prevalence of genital Mycoplasma, Ureaplasma, Gardnerella, and human papillomavirus in Japanese men with urethritis, and risk factors for detection of urethral human papillomavirus infection	Journal of Infection and Chemotherapy	10.1007/s10156-010-0203-0	Population (did not report data from PrEP users)
Shilling, 2021	Chlamydia trachomatis and Mycoplasma genitalium prevalence and associated factors among women presenting to a pregnancy termination and contraception clinic, 2009-2019	Sexually Transmitted Infections	10.1136/sextrans-2020-054695	Population (did not report data from PrEP users)
Shimada, 2014	Bacterial loads of Ureaplasma urealyticum contribute to development of urethritis in men	International Journal of Std & Aids	10.1177/0956462413504556	Population (did not report data from PrEP users)
Shipitsyna, 2013	Sexual behaviours, knowledge and attitudes regarding safe sex, and prevalence of non-viral sexually transmitted infections among attendees of youth clinics in St. Petersburg, Russia	Journal of the European Academy of Dermatology and Venereology	10.1111/j.1468-3083.2012.04512.x	Population (did not report data from PrEP users)
Shipitsyna, 2020	Bacterial vaginosis-associated vaginal microbiota is an age-independent risk factor for Chlamydia trachomatis, Mycoplasma genitalium and Trichomonas vaginalis infections in low-risk women, St. Petersburg, Russia	Eur J Clin Microbiol Infect Dis	10.1007/s10096-020-03831-w	Population (did not report data from PrEP users)
Short, 2010	Mycoplasma genitalium among young, urban pregnant women	Infectious Diseases in Obstetrics and Gynecology	10.1155/2010/984760	Population (did not report data from PrEP users)
Short, 2010	The demographic, sexual health and behavioural correlates of Mycoplasma genitalium infection among women with clinically suspected pelvic inflammatory disease	Sexually Transmitted Infections	10.1136/sti.2009.037721	Population (did not report data from PrEP users)
Shahkali, 2018	Identification of herpes simplex virus, chlamydia trachomatis, and mycoplasma genitalium in infertile seminal fluid samples using multiplex-PCR in Kerman province, Iran (2016)	Iranian Journal of Obstetrics, Gynecology and Infertility	10.22038/ijogi.2018.10714	Population (did not report data from PrEP users)
Sienkiewicz, 2021	Incidence and laboratory diagnosis of sexually-transmitted infections among university students in a high-prevalence community	Journal of American college health : J of ACH	10.1080/07448481.2021.1899185	Population (did not report data from PrEP users)
Silva, 2018	Genital mycoplasmas and ureaplasmas in cervicovaginal self-collected samples of reproductive-age women: prevalence and risk factors	International Journal of STD and AIDS	10.1177/0956462418774209	Population (did not report data from PrEP users)

Silveira, 2020	Prevalence and risk factors associated with Chlamydia trachomatis, Neisseria gonorrhoeae, and Mycoplasma genitalium among women in Pelotas, Southern Brazil	International Journal of STD and AIDS	10.1177/0956462419898982	Population (did not report data from PrEP users)
Smaoui, 2019	Human miscarriage and infection in tunisia: Role of mycoplasma hominis and high waddlia seroprevalence	Journal of Infection in Developing Countries	10.3855/jidc.9829	Population (did not report data from PrEP users)
Smieszek, 2015	Improving our Understanding of Mycoplasma Genitalium Epidemiology: A Re-Analysis of Two Cohort Studies	International Journal of Epidemiology	NR	Population (did not report data from PrEP users)
Smieszek, 2016	Apparently-different clearance rates from cohort studies of Mycoplasma genitalium are consistent after accounting for incidence of infection, recurrent infection, and study design	PLoS ONE	10.1371/journal.pone.0149087	Population (did not report data from PrEP users)
Smolec, 2021	Occurrence of urogenital mycoplasmas in men with the common genitourinary diseases	Brazilian Journal of Microbiology	10.1007/s42770-021-00620-1	Population (did not report data from PrEP users)
Smullin, 2020	Prevalence and incidence of Mycoplasma genitalium in a cohort of HIV-infected and HIV-uninfected pregnant women in Cape Town, South Africa	Sexually Transmitted Infections	10.1136/sextrans-2019-054255	Population (did not report data from PrEP users)
Soni, 2010	The prevalence of urethral and rectal Mycoplasma genitalium and its associations in men who have sex with men attending a genitourinary medicine clinic	Sexually Transmitted Infections	10.1136/sti.2009.038190	Population (did not report data from PrEP users)
Sonmez, 2018	Evaluation of symptomatic patients with resistant discharge	Acta Dermatovenerologica Croatica	NR	Population (did not report data from PrEP users)
Sonnenberg, 2015	Epidemiology of Mycoplasma genitalium in British men and women aged 16-44 years: Evidence from the third National Survey of Sexual Attitudes and Lifestyles (Natsal-3)	International Journal of Epidemiology	10.1093/ije/dyv194	Population (did not report data from PrEP users)
Souza, 2013	Short report: Simultaneous detection of seven sexually transmitted agents in human immunodeficiency virus-infected Brazilian women by multiplex polymerase chain reaction	American Journal of Tropical Medicine and Hygiene	10.4269/ajtmh.13-0315	Population (did not report data from PrEP users)
Spiller, 2020	Mycoplasma genitalium prevalence in Welsh sexual health patients: Low antimicrobial resistance markers and no association of symptoms to bacterial load	Microbial Pathogenesis	10.1016/j.micpath.2019.103872	Population (did not report data from PrEP users)
Spornraft-Ragaller, 2020	Prevalence and antibiotic resistance of rectal Mollicutes in HIV-infected men who have sex with men at the University Hospital of Dresden, Germany	Infection	10.1007/s15010-019-01386-3	Population (did not report data from PrEP users)
Spornraft-Ragaller, 2021	Antimicrobial resistance of Mycoplasma genitalium and treatment outcome in men attending a STI and HIV center in Dresden	Infection	NR	Population (did not report data from PrEP users)
Srinivasan, 2021	Urethral Microbiota in Men: Association of Haemophilus influenzae and Mycoplasma penetrans With Nongonococcal Urethritis	Clinical infectious diseases : an official publication of the Infectious Diseases Society of America	10.1093/cid/ciaa1123	Population (did not report data from PrEP users)
Stafford, 2021	Retrospective analysis of infection and antimicrobial resistance patterns of Mycoplasma genitalium among pregnant women in the southwestern USA	BMJ Open	10.1136/bmjopen-2021-050475	Population (did not report data from PrEP users)

Stephen, 2019	Molecular Diagnosis of Sexually Transmitted Infections (STI) in Symptomatic Women of Puducherry by a Commercial Real Time Multiplex PCR, FTD Urethritis Plus - A Preliminary Report	Journal of Pure and Applied Microbiology	10.22207/jpam.13.3.55	Population (did not report data from PrEP users)
Stewart, 2020	Should we routinely test for Mycoplasma genitalium when testing for other sexually transmitted infections?	Medical Journal of Australia	10.5694/mja2.50399	Population (did not report data from PrEP users)
Sturt, 2021	Association of Female Genital Schistosomiasis with the Cervicovaginal Microbiota and Sexually Transmitted Infections in Zambian Women	Open Forum Infectious Diseases	10.1093/ofid/ofab438	Population (did not report data from PrEP users)
Suehiro, 2019	Association of human papillomavirus and bacterial vaginosis with increased risk of high-grade squamous intraepithelial cervical lesions	International Journal of Gynecological Cancer	10.1136/ijgc-2018-000076	Population (did not report data from PrEP users)
Suehiro, 2021	High molecular prevalence of hpv and other sexually transmitted infections in a population of asymptomatic women who work or study at a brazilian university	Revista do Instituto de Medicina Tropical de Sao Paulo	10.1590/s1678-9946202163001	Population (did not report data from PrEP users)
Sutton, 2018	Cost-effectiveness of microscopy of urethral smears for asymptomatic Mycoplasma genitalium urethritis in men in England	International Journal of STD and AIDS	10.1177/0956462417717651	Population (did not report data from PrEP users)
Svenstrup, 2014	A cross-sectional study of Mycoplasma genitalium infection and correlates in women undergoing population-based screening or clinic-based testing for Chlamydia infection in London	Bmj Open	10.1136/bmjopen-2013-003947	Population (did not report data from PrEP users)
Sweeney, 2019	Levels of mycoplasma genitalium antimicrobial resistance differ by both region and gender in the state of Queensland, Australia: Implications for treatment guidelines	Journal of Clinical Microbiology	10.1128/JCM.01555-18	Population (did not report data from PrEP users)
Sweeney, 2022	Factors associated with pelvic inflammatory disease: A case series analysis of family planning clinic data	Womens Health (Lond)	10.1177/17455057221112263	Population (did not report data from PrEP users)
Tabrizi, 2016	Evaluation of the Hologic Panther Transcription-Mediated Amplification Assay for Detection of Mycoplasma genitalium	Journal of Clinical Microbiology	10.1128/jcm.01038-16	Population (did not report data from PrEP users)
Tagg, 2013	Fluoroquinolone and macrolide resistance-associated mutations in Mycoplasma genitalium	Journal of Clinical Microbiology	10.1128/JCM.00495-13	Population (did not report data from PrEP users)
Taher, 2020	A real-time polymerase chain reaction assay for the simultaneous detection of sexually transmitted pathogens in women	Indian Journal of Public Health Research and Development	10.37506/v11/i2/2020/ijphrd/195218	Full text not found
Taku, 2021	Detection of sexually transmitted pathogens and co-infection with human papillomavirus in women residing in rural Eastern Cape, South Africa	PeerJ	10.7717/peerj.10793	Population (did not report data from PrEP users)
Takuva, 2014	Etiology and antimicrobial susceptibility of pathogens responsible for urethral discharge among men in Harare, Zimbabwe	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000204	Population (did not report data from PrEP users)
Tandon, 2022	Cross sectional study to evaluate microbiological spectrum of RTI/STI and co-infections among women with cervicitis or cervico-vaginitis from a community clinic in Mumbai	Indian Journal of Medical Microbiology	10.1016/j.ijmmb.2021.10.003	Population (did not report data from PrEP users)
Taylor-Robinson, 2004	Mycoplasma genitalium in chronic non-gonococcal urethritis	International Journal of STD and AIDS	10.1258/095646204322637209	Population (did not report data from PrEP users)

Taylor, 2011	Microbial correlates of delayed care for pelvic inflammatory disease	Sexually Transmitted Diseases	10.1097/OLQ.0b013e3181ffa7c7	Population (did not report data from PrEP users)
Taylor, 2018	Risk factors for Mycoplasma genitalium endometritis and incident infection: A secondary data analysis of the T cell Response Against Chlamydia (TRAC) Study	Sexually Transmitted Infections	10.1136/sextrans-2017-053376	Population (did not report data from PrEP users)
Thurman, 2010	Mycoplasma genitalium symptoms, concordance and treatment in high-risk sexual dyads	International Journal of STD and AIDS	10.1258/ijsa.2009.008485	Population (did not report data from PrEP users)
Ting, 2013	High-risk human papillomavirus messenger RNA testing in physician-And self-collected specimens for cervical lesion detection in high-risk women, Kenya	Sexually Transmitted Diseases	10.1097/OLQ.0b013e31828e5a91	Population (did not report data from PrEP users)
Tjagur, 2018	Prevalence of Mycoplasma genitalium and other sexually transmitted infections causing urethritis among high-risk heterosexual male patients in Estonia	Infectious Diseases	10.1080/23744235.2017.1366044	Population (did not report data from PrEP users)
Tjagur, 2020	Profile of sexually transmitted infections causing urethritis and a related inflammatory reaction in urine among heterosexual males: A flow-cytometry study	PLoS One	10.1371/journal.pone.0242227	Population (did not report data from PrEP users)
Tjagur, 2021	Mycoplasma genitalium Provokes Seminal Inflammation among Infertile Males	Int J Mol Sci	10.3390/ijms222413467	Population (did not report data from PrEP users)
Tobian, 2014	Male circumcision and mycoplasma genitalium infection in female partners: A randomised trial in rakai, uganda	Sexually Transmitted Infections	10.1136/sextrans-2013-051293	Population (did not report data from PrEP users)
Toh, 2022	Evaluation of Clinical, Gram Stain, and Microbiological Cure Outcomes in Men Receiving Azithromycin for Acute Nongonococcal Urethritis: Discordant Cures Are Associated with Mycoplasma genitalium Infection	Sexually Transmitted Diseases	10.1097/OLQ.0000000000001509	Population (did not report data from PrEP users)
Tomusiak, 2013	Bacterial infections of the lower genital tract in fertile and infertile women from the south-eastern Poland	Ginekologia Polska	NR	Population (did not report data from PrEP users)
Tomusiak, 2013	Bacterial infections of the lower genital tract in fertile and infertile women from the southeastern Poland	Ginekologia Polska	NR	Population (did not report data from PrEP users)
Torrone, 2021	Prevalence of Urogenital Mycoplasma genitalium Infection, United States, 2017 to 2018	Sexually transmitted diseases	10.1097/OLQ.0000000000001394	Population (did not report data from PrEP users)
Tovo, 2021	Molecular epidemiology of human papillomaviruses, neisseria gonorrhoeae, chlamydia trachomatis and mycoplasma genitalium among female sex workers in burkina faso: Prevalence, coinfections and drug resistance genes	Tropical Medicine and Infectious Disease	10.3390/tropicalmed6020090	Population (did not report data from PrEP users)
Trent, 2018	Clinical and sexual risk correlates of Mycoplasma genitalium in urban pregnant and non-pregnant young women: Cross-sectional outcomes using the baseline data from the Women's BioHealth Study	Sexually Transmitted Infections	10.1136/sextrans-2017-053367	Population (did not report data from PrEP users)
Trent, 2020	Clearance of mycoplasma genitalium and trichomonas vaginalis among adolescents and young adults with pelvic inflammatory disease: Results from the tech-N study	Sexually Transmitted Diseases	10.1097/OLQ.0000000000001221	Population (did not report data from PrEP users)

Treviño, 2021	Mycoplasma genitalium in Primary Care: Prevalence and azithromycin resistance in Santiago de Compostela Health Care Area	Revista Espanola de Quimioterapia	10.37201/req/052.2021	Population (did not report data from PrEP users)
Trevis, 2018	Mycoplasma genitalium in the Far North Queensland backpacker population: An observational study of prevalence and azithromycin resistance	PLoS ONE	10.1371/journal.pone.0202428	Population (did not report data from PrEP users)
Tucker, 2018	Mycoplasma genitalium: an important sexually transmitted infection comes into focus	Sexually transmitted infections	10.1136/sextrans-2017-053517	Population (did not report data from PrEP users)
Twin, 2011	Comparison of two Mycoplasma genitalium real-time PCR detection methodologies	Journal of Clinical Microbiology	10.1128/JCM.02328-10	Population (did not report data from PrEP users)
Tyulenev, 2020	Sexually transmitted infections in asymptomatic men who have sex with men	Klinicheskaya Dermatologiya i Venerologiya	10.17116/klinderma202019061802	Full text not found
Upton, 2018	Diagnosis of Chlamydia trachomatis, Neisseria gonorrhoeae, Trichomonas vaginalis and Mycoplasma genitalium: An observational study of testing patterns, prevalence and co-infection rates in northern New Zealand	Sexual Health	10.1071/SH17110	Population (did not report data from PrEP users)
Van Der Pol, 2020	A profile of the cobas® TV/ MG test for the detection of Trichomonas vaginalis and Mycoplasma genitalium	Expert Review of Molecular Diagnostics	10.1080/14737159.2020.1714440	Population (did not report data from PrEP users)
Van Der Pol, 2020	Mycoplasma genitalium detection in urogenital specimens from symptomatic and asymptomatic men and women by use of the cobas TV/MG test	Journal of Clinical Microbiology	10.1128/JCM.02124-19	Population (did not report data from PrEP users)
Van Der Pol, 2021	Trichomonas vaginalis Detection in Urogenital Specimens from Symptomatic and Asymptomatic Men and Women by Use of the cobas TV/MG Test	J Clin Microbiol	10.1128/jcm.00264-21	Population (did not report data from PrEP users)
Van Der Veer, 2016	Trichomonas vaginalis and Mycoplasma genitalium: Age-specific prevalence and disease burden in men attending a sexually transmitted infections clinic in Amsterdam, the Netherlands	Sexually Transmitted Infections	10.1136/sextrans-2015-052118	Population (did not report data from PrEP users)
Van Dijck, 2022	Gonococcal bacterial load in PrEP users with Mycoplasma genitalium coinfection	International Journal of STD and AIDS	10.1177/09564624211048678	Outcome
Van Praet, 2019	Prevalence and macrolide resistance of mycoplasma genitalium after initiation of HIV preexposure prophylaxis	Open Forum Infectious Diseases	10.1093/ofid/ofz359.063	Duplicate data
Vandepitte, 2012	Clinical characteristics associated with mycoplasma genitalium infection among women at high risk of HIV and other STI in Uganda	Sexually Transmitted Diseases	10.1097/OLQ.0b013e31824b1cf3	Population (did not report data from PrEP users)
Vandepitte, 2012	Prevalence and correlates of mycoplasma genitalium infection among female sex workers in Kampala, Uganda	Journal of Infectious Diseases	10.1093/infdis/jir733	Population (did not report data from PrEP users)
Vandepitte, 2013	Alcohol use, mycoplasma genitalium, and other STIs associated with HIV incidence among women at high risk in Kampala, Uganda	Journal of Acquired Immune Deficiency Syndromes	10.1097/QAI.0b013e3182777167	Population (did not report data from PrEP users)
Vandepitte, 2013	Natural history of mycoplasma genitalium infection in a cohort of female sex workers in Kampala, Uganda	Sexually Transmitted Diseases	10.1097/OLQ.0b013e31828bfccf	Population (did not report data from PrEP users)

Vandepitte, 2014	Association between Mycoplasma genitalium infection and HIV acquisition among female sex workers in Uganda: Evidence from a nested case-control study	Sexually Transmitted Infections	10.1136/sextrans-2013-051467	Population (did not report data from PrEP users)
Varma, 2021	Low Awareness of Mycoplasma genitalium in Men Who Have Sex With Men in Sydney, Australia	Sexually transmitted diseases	10.1097/OLQ.0000000000001487	Outcome
Vazquez, 2020	Pelvic Inflammatory Disease Due to Mycoplasma genitalium: A Character in Search of an Author	Clinical Infectious Diseases	10.1093/cid/ciaa506	Population (did not report data from PrEP users)
Veiga, 2020	Colonisation of the male reproductive tract in asymptomatic infertile men: Effects on semen quality	Andrologia	10.1111/and.13637	Population (did not report data from PrEP users)
Vica, 2015	DETERMINATION OF SEXUALLY TRANSMITTED DISEASES FREQUENCY BY SIMULTANEOUS DETECTION OF SIX PATHOGENS USING PCR METHODS	Journal of Environmental Protection and Ecology	NR	Population (did not report data from PrEP users)
Vielot, 2015	The role of chlamydia trachomatis in high-risk human papillomavirus persistence among female sex workers in Nairobi, Kenya	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000287	Population (did not report data from PrEP users)
Vives, 2021	Epidemiological, clinical and laboratory differences between male urethral infections due to Haemophilus spp. and those due to Neisseria gonorrhoeae, Chlamydia trachomatis, Mycoplasma genitalium and Ureaplasma urealyticum: A descriptive study	Archivio Italiano Di Urologia E Andrologia	10.4081/aiua.2021.4.468	Population (did not report data from PrEP users)
Vodstrcil, 2022	Combination Therapy for Mycoplasma genitalium, and New Insights Into the Utility of parC Mutant Detection to Improve Cure	Clinical Infectious Diseases	10.1093/cid/ciab1058	Population (did not report data from PrEP users)
Walker, 2011	The difference in determinants of Chlamydia trachomatis and Mycoplasma genitalium in a sample of young Australian women'	BMC Infectious Diseases	10.1186/1471-2334-11-35	Population (did not report data from PrEP users)
Walker, 2013	Mycoplasma genitalium Incidence, Organism Load, and treatment failure in a cohort of young Australian women	Clinical Infectious Diseases	10.1093/cid/cis1210	Population (did not report data from PrEP users)
Wallis, 2019	Mycoplasma genitalium testing in clinical practice: Prevalence and resistance rates in a south London sexual health clinic	Sexually Transmitted Infections	10.1136/sextrans-2019-sti.686	Population (did not report data from PrEP users)
Wang, 2012	The prevalence of six species of Mycoplasmataceae in an HIV/AIDS population in Jiangsu Province, China	International Journal of STD and AIDS	10.1258/ijsa.2009.009396	Population (did not report data from PrEP users)
Wang, 2018	Loop-mediated isothermal amplification on crude DNA as a point-of-care test for the diagnosis of mycoplasma-related vaginitis during early pregnancy	Lab Medicine	10.1093/labmed/lmx063	Population (did not report data from PrEP users)
Wang, 2019	Association between asymptomatic sexually transmitted infections and high-risk human papillomavirus in cervical lesions	Journal of International Medical Research	10.1177/0300060519865633	Population (did not report data from PrEP users)
Wang, 2020	Prevalence of co-infections with other sexually transmitted infections in patients newly diagnosed with anogenital warts in Guangzhou, China	International Journal of STD and AIDS	10.1177/0956462419890496	Population (did not report data from PrEP users)
Wang, 2022	Mycoplasma genitalium Infection Is Not Associated With Genital Tract Inflammation Among Adolescent and Young Adult Women in Baltimore, Maryland	Sexually Transmitted Diseases	10.1097/OLQ.0000000000001524	Full text not found

Wendt, 2019	Prospective evaluation study on the benefit of the simultaneous detection of seven sexually transmitted pathogens for the clinical management of patients suffering from sexually transmitted diseases	Journal of Laboratory Medicine	10.1515/labmed-2018-0322	Population (did not report data from PrEP users)
Wesbonk, 2014	Prevalence and determinants of sexually transmitted infections in women at risk undergoing abortion in a swiss primary care setting	Praxis	10.1024/1661-8157/a001724	Population (did not report data from PrEP users)
Wetmore, 2011	Demographic, behavioral, and clinical characteristics of men with nongonococcal urethritis differ by etiology: A case-comparison study	Sexually Transmitted Diseases	10.1097/OLQ.0b013e3182040de9	Population (did not report data from PrEP users)
Wiringa, 2020	Trichomonas vaginalis, endometritis and sequelae among women with clinically suspected pelvic inflammatory disease	Sexually Transmitted Infections	10.1136/sextrans-2019-054079	Population (did not report data from PrEP users)
Wohlmeister, 2016	Association of human papillomavirus and Chlamydia trachomatis with intraepithelial alterations in cervix samples	Memorias do Instituto Oswaldo Cruz	10.1590/0074-02760150330	Population (did not report data from PrEP users)
Woo-Jin, 2013	PCR-based Investigation of Infection Patterns in Patients with Pelvic Inflammatory Diseases in Jeju	Laboratory Medicine Online	NR	Population (did not report data from PrEP users)
Wood, 2020	Sequence variation and immunogenicity of the Mycoplasma genitalium MgpB and MgpC adherence proteins during persistent infection of men with non-gonococcal urethritis	PLoS ONE	10.1371/journal.pone.0240626	Population (did not report data from PrEP users)
Wood, 2021	Vaginal Mycoplasmataceae colonization and association with immune mediators in pregnancy	Journal of Maternal-Fetal and Neonatal Medicine	10.1080/14767058.2019.1663820	Population (did not report data from PrEP users)
Woodward, 2021	Using multiplex nucleic acid amplification tests in the diagnosis and screening for trichomonas vaginalis and mycoplasma genitalium	International Journal of STD and AIDS	10.1177/0956462420987415	Population (did not report data from PrEP users)
Wu, 2013	Mycoplasmas infection in male HIV/AIDS patients in Jiangsu, China	Microbial Pathogenesis	10.1016/j.micpath.2013.06.003	Population (did not report data from PrEP users)
Xiang, 2012	Risk factors for Mycoplasma genitalium infection among female sex workers: a cross-sectional study in two cities in southwest China	BMC public health	NR	Population (did not report data from PrEP users)
Xiao, 2019	Mycoplasma genitalium infections with macrolide and fluoroquinolone resistance-Associated mutations in heterosexual african American couples in Alabama	Sexually Transmitted Diseases	10.1097/OLQ.0000000000000891	Population (did not report data from PrEP users)
Xie, 2021	Investigation of the association between ten pathogens causing sexually transmitted diseases and high-risk human papilloma virus infection in shanghai	Molecular and Clinical Oncology	10.3892/mco.2021.2294	Population (did not report data from PrEP users)
Xiu, 2019	Simultaneous detection of eleven sexually transmitted agents using multiplexed PCR coupled with MALDI-TOF analysis	Infection and Drug Resistance	10.2147/idr.S219580	Population (did not report data from PrEP users)
Yagur, 2021	Characteristics of pelvic inflammatory disease caused by sexually transmitted disease – An epidemiologic study	Journal of Gynecology Obstetrics and Human Reproduction	10.1016/j.jogoh.2021.102176	Population (did not report data from PrEP users)
Yeganeh, 2013	A survey on the prevalence of chlamydia trachomatis and mycoplasma genitalium infections in symptomatic and asymptomatic men referring to urology clinic of Labbafinejad Hospital, Tehran, Iran	Iranian Red Crescent Medical Journal	10.5812/ircmj.8600	Population (did not report data from PrEP users)

Yew, 2011	Letters to the editor induced macrolide resistance in mycoplasma genitalium isolates from patients with recurrent nongonococcal urethritis	Journal of Clinical Microbiology	10.1128/JCM.02475-10	Population (did not report data from PrEP users)
Yin, 2013	Association of sexually transmitted infections with high-risk human papillomavirus types: a survey with 802 female sex workers in china	Sex Transm Dis	10.1097/OLQ.0b013e31828b32b8	Population (did not report data from PrEP users)
Yow, 2014	Detection of infectious organisms in archival prostate cancer tissues	BMC Cancer	10.1186/1471-2407-14-579	Population (did not report data from PrEP users)
Zahirnia, 2018	Frequency of chlamydia trachomatis, mycoplasma genitalium, and ureaplasma urealyticum isolated from vaginal samples of women in Kerman, Iran	Archives of Clinical Infectious Diseases	10.5812/archcid.65334	Population (did not report data from PrEP users)
Zanotta, 2019	Emerging role for Ureaplasma parvum serovar 3: Active infection in women with silent high-risk human papillomavirus and in women with idiopathic infertility	Journal of Cellular Physiology	10.1002/jcp.28423	Population (did not report data from PrEP users)
Zanotta, 2019	Merkel Cell Polyomavirus Is Associated with Anal Infections in Men Who Have Sex with Men	Microorganisms	10.3390/microorganisms7020054	Population (did not report data from PrEP users)
Ze-Chen, 2018	Impact of Mycoplasma genitalium infection on the semen quality of infertile males	National Journal of Andrology	NR	Full text not found
Zhang, 2021	Prevalence and correlates of Mycoplasma genitalium infection among patients attending a sexually transmitted infection clinic in Guangdong, China: a cross-sectional study	BMC Infectious Diseases	10.1186/s12879-021-06349-4	Population (did not report data from PrEP users)
Zhao, 2019	Mycoplasma Genitalium and Mycoplasma Hominis are prevalent and correlated with HIV risk in MSM: A cross-sectional study in Shenyang, China	BMC Infectious Diseases	10.1186/s12879-019-4138-5	Population (did not report data from PrEP users)
Zheng, 2014	An epidemiological study of mycoplasma genitalium infections among males attending a sexually transmitted disease clinic in Guangxi, China	Japanese Journal of Infectious Diseases	10.7883/yoken.67.17	Population (did not report data from PrEP users)
Zheng, 2014	The prevalence of urethral and rectal Mycoplasma genitalium among men who have sex with men in China, a cross-sectional study	BMC public health	10.1186/1471-2458-14-195	Population (did not report data from PrEP users)
Zhou, 2022	Single gene targeted nanopore sequencing enables simultaneous identification and antimicrobial resistance detection of sexually transmitted infections	PLoS ONE	10.1371/journal.pone.0262242	Population (did not report data from PrEP users)
Zimba, 2011	Aetiology of sexually transmitted infections in Maputo, Mozambique	Journal of Infection in Developing Countries	NR	Population (did not report data from PrEP users)

Supplementary material 4: Critical appraisal of included studies with JBI Critical Appraisal Checklist for Prevalence Studies.

Study	Question								
	1	2	3	4	5	6	7	8	9
Berçot et al., 2021	Yes	Yes	Unclear	Yes	Yes	Yes	Yes	Yes	Yes
Bradley et al., 2020	Yes	No	Unclear	Yes	Unclear	Yes	Yes	Yes	No
Brin et al., 2022	Yes	No	Unclear	No	Unclear	Yes	Yes	Yes	Unclear
Chambers et al., 2019	No	No	No	Yes	Unclear	Yes	No	Yes	No
Couldwell et al., 2018	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes
DeBaetselier et al., 2022	No	Unclear	No	No	Unclear	Yes	Yes	Yes	Unclear
Deborde et al., 2019 and Ducours et al., 2019	Yes	Unclear	Unclear	No	Unclear	Yes	Yes	Yes	Unclear
Guiraud et al., 2021	No	No	Unclear	Yes	Unclear	Yes	Yes	Yes	Unclear
Herms et al., 2021	Yes	No	Unclear	Yes	Yes	Yes	Yes	Yes	Yes
Jansen et al., 2020	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
McIver et al., 2019	No	No	Unclear	Yes	Yes	Yes	Yes	Yes	Yes
Read et al., 2019 and Chua et al., 2021	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Richardson et al., 2021	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes
Streck et al., 2022	No	No	Unclear	Yes	Yes	Yes	Yes	Yes	Yes
Van Praet et al., 2020	No	No	Unclear	Yes	Yes	Yes	Yes	Yes	Yes

Below, we present the rationale used for judging each question.

1. Was the sample frame appropriate to address the target population? This question assesses the risk of bias arising from differences between the sample evaluated and the target population, which may be caused by selecting an unrepresentative sample frame of the target population. We considered the sample frame appropriate when we judged it was likely to represent the complete population of interest (for instance, if the target population was “men attending a STI clinic”, an appropriate sample frame would be “a list of all male patients attended in that STI clinic” and an inappropriate sample frame would be “men attended the STI clinic in May”). If the authors did not clearly describe the target population, we assumed the target population as PrEP users in the country(s) of conduction of the study and assessed if the sample frame was appropriate to represent this population.

2. Were study participants recruited in an appropriate way? This question also assesses risk of bias arising from differences between the sample evaluated and the target population, which may be caused by using an inappropriate sampling method. We considered the recruitment appropriate if the authors used random sampling of the target population. Consecutive or convenience sampling was not considered appropriate. If all patients from the population were included, this question was answered “Yes”.

3. Was the sample size adequate? This question assesses issues related to the precision of estimates. We considered the sample size adequate when authors provided a justified sample size estimation and reached this planned sample size. When no sample size estimation was provided, the answer to this question was “Unclear”.

4. Were the study subjects and setting described in detail? This question assesses the reporting quality of the study. We consider the description of the subjects and setting adequate if authors reported at least the following variables: age, sex, gender, place of conduction of the study, years of data collection, samples used for analysis and method for MG detection.

5. Was data analysis conducted with sufficient coverage of the identified sample? This question assesses risk of bias arising from differences between the sample evaluated and the target population, which may be caused by differences between responders and non-

responders. The coverage was considered sufficient when there was a high response rate ($\geq 80\%$) or when authors presented the characteristics from patients included and excluded from the final sample and there were no important differences between them.

6. Were valid methods used for the identification of the condition? This question assesses risk of bias arising from inadequate measurement of the condition of interest, considering that the use of invalid methods may lead to misclassification of participants regarding the presence or absence of the condition of interest. We only included in our review studies that used valid methods to identify MG infection; therefore, all studies presented low risk of bias related to this question.

7. Was the condition measured in a standard, reliable way for all participants? This question also assessed risk of bias arising from inadequate measurement of the condition of interest, specifically bias that can be present if different methods to identify the condition of interest are applied in different participants of the study. If all patients were evaluated in the same way, this question was answered as “Yes”.

8. Was there appropriate statistical analysis?

For complex samples, statistical analysis should incorporate the sampling design. For simple samples, the answer was “Yes”.

9. Was the response rate adequate, and if not, was the low response rate managed appropriately? This question also assesses the risk of bias arising from differences between the sample evaluated and the target population. Response rate was considered adequate if it was 80% or more. Low response rates should be managed by sensitivity analysis to be considered appropriately handled.

Supplementary material 5: Quality of evidence assessment with GRADE.

n of participants (n of studies)	Risk of bias	Inconsistency	Indirectness	Imprecision	Publication bias	Quality of evidence	Summary of evidence
MG infection - point prevalence							
2,135 participants (12 studies)	serious ^a	not serious	not serious	not serious	not detected	⊕⊕⊕ MODERATE	16.68% (95%CI 13.57-20.33) 95%PI 8.15-31.09
Macrolide-resistant MG infection - point prevalence							
63 participants (3 studies)	serious ^a	not serious	not serious	serious ^b	not detected	⊕⊕ LOW	82.58% (95%CI 70.07-90.57) 95%PI 4.66-99.78
Fluoroquinolone-resistant MG infection - point prevalence							
14 participants (1 study)	serious ^a	not serious	not serious	very serious ^c	not detected	⊕ VERY LOW	14.29% (95%CI 1.78-42.81)

95%CI: 95% confidence interval; 95%PI: 95% prediction interval; MG: *Mycoplasma genitalium*.

^a Studies presented important risk of bias arising from the identification and inclusion of participants in the sample, which may lead to differences between the sample evaluated and the target population.

^b Few patients included in the analysis and wide confidence interval.

^c Very few patients included in the analysis and very wide confidence interval.

Supplementary Material 6: Sensitivity analyses.

Figure 1: Prevalence of MG infection among PrEP users, estimated with Freeman-Tukey double arcsine as the transformation method for prevalence estimates.

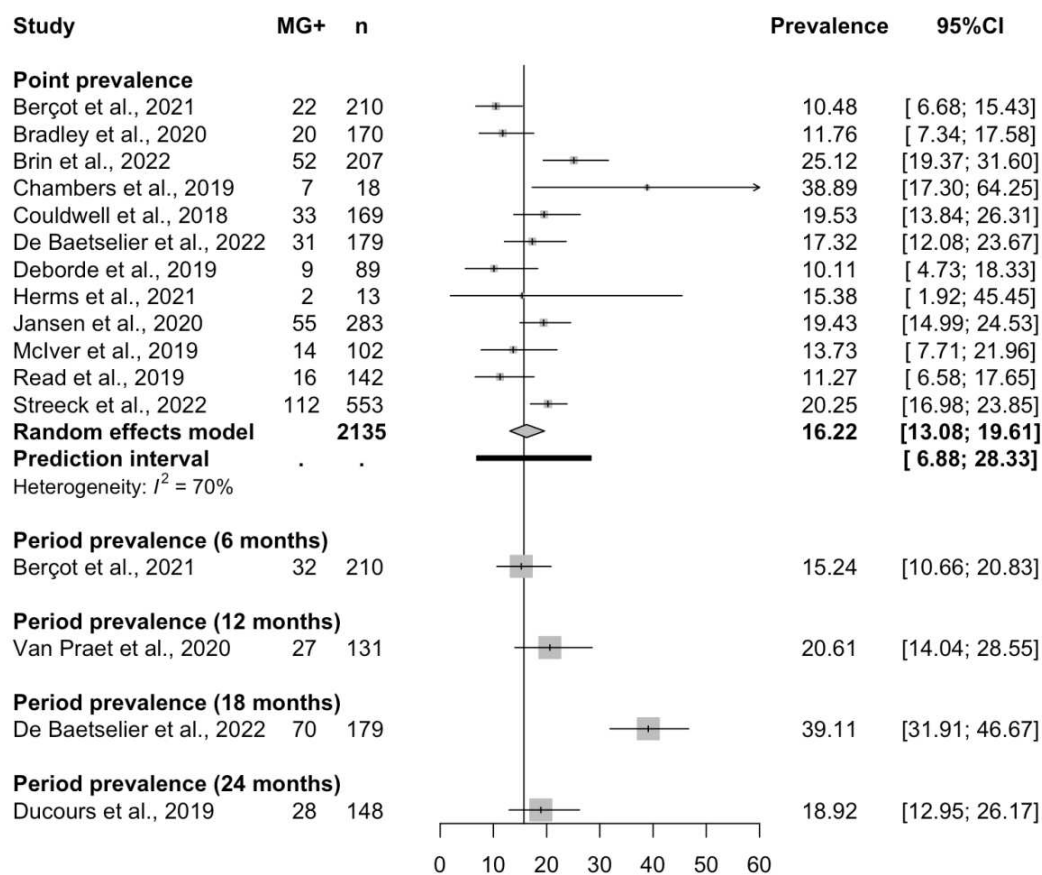
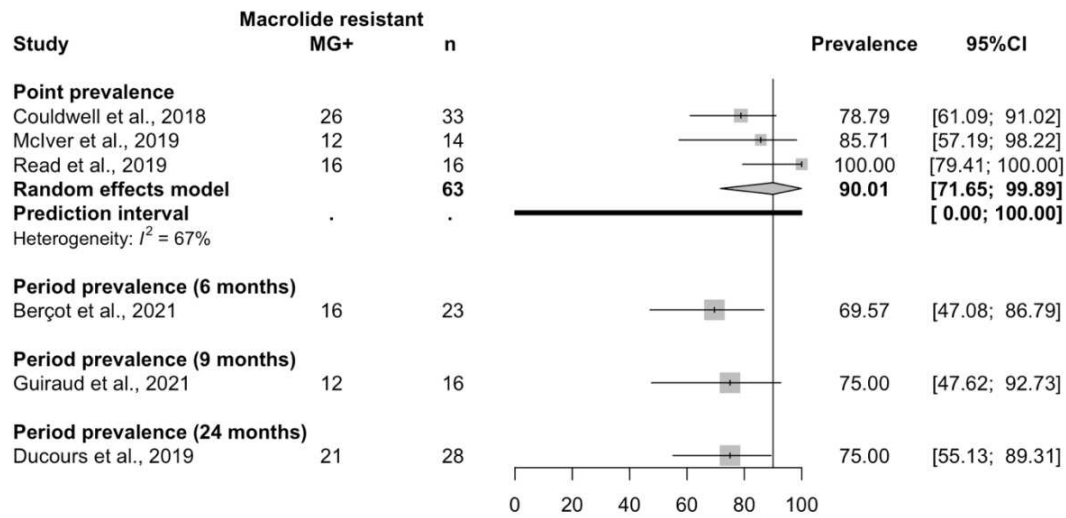
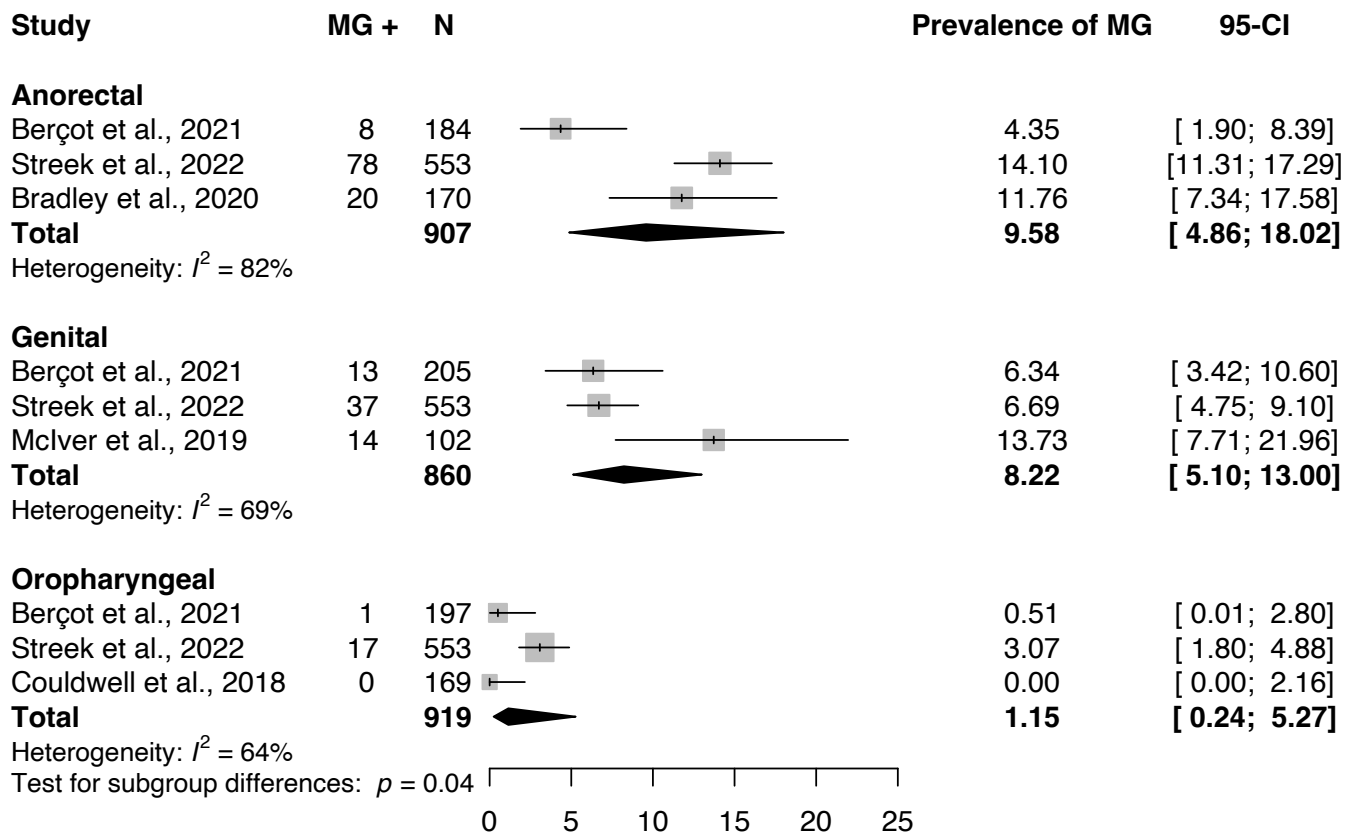


Figure 2: Prevalence of macrolide-resistant MG infection among PrEP users, estimated with Freeman-Tukey double arcsine as the transformation method for prevalence estimates.





RESUMO

Objetivos: Sumarizar a prevalência de infecção por *Mycoplasma genitalium* (MG) e MG resistente a antibióticos em indivíduos usando a profilaxia pré-exposição ao HIV (PrEP).

Métodos: Foi realizada busca nas bases MEDLINE, Embase, Web of Science e Global Index Medicus até 30 de setembro de 2022. Foram incluídos estudos reportando a prevalência de infecção por MG e/ou MG resistente a antibióticos em indivíduos utilizando PrEP. A seleção de estudos e extração de dados foram realizadas por dois revisores independentes. Os resultados foram sumarizados por metanálise com modelo de efeitos aleatórios. A avaliação dos estudos foi realizada com a ferramenta *JBI checklist for prevalence studies* e a avaliação da qualidade da evidência com a metodologia GRADE.

Resultados: Foram incluídos 15 estudos (2.341 indivíduos utilizando PrEP), conduzidos em países desenvolvidos entre 2014 e 2019. A mediana da idade dos indivíduos variou entre 23,5 e 40 anos. 85% eram homens, dos quais 93% eram homens que fazem sexo com homens. Foram avaliadas amostras de urina em 14 estudos, *swab* anal ou retal em 12, *swab* oral ou faríngeo em nove e *swab* uretral ou vaginal em três. A prevalência ponto da infecção por MG foi de 16,7% (intervalo de confiança de 95% [IC95%] 13,6-20,3; intervalo de predição de 95% [IP95%] 8,2-31,1). As prevalências ponto de infecções por MG resistente a macrolídeos e fluoroquinolonas foram, respectivamente, 82,6% (95%IC 70,1-90,6; 95%PI 4,7-99,8) e 14,3% (IC95% 1,8-42,8). Indivíduos usando PrEP apresentam maior chance de infecção em comparação a não usuários de PrEP (razão de chances [*odds ratio*] 2,30; IC95% 1,6-3,4). A qualidade da evidência foi avaliada como muito baixa a moderada.

Conclusão: Foi observada alta prevalência de infecções por MG e por MG resistente a macrolídeos entre indivíduos usando PrEP. Esses resultados ressaltam a necessidade de reforçar estratégias de prevenção contra infecções sexualmente transmissíveis nesta população.

Palavras-chave: *Mycoplasma genitalium*, resistência a antibióticos, resistência antimicrobiana, profilaxia pré-exposição ao HIV, PrEP, prevalência

1 ZUSAMMENFASSUNG

2 **Ziele:** Zusammenfassung der Prävalenz von Mycoplasma genitalium (MG) und
3 antibiotikaresistenter MG-Infektion bei Nutzer*innen der HIV-Präexpositionsprophylaxe
4 (PrEP).

5 **Methoden:** Es wurde eine Recherche in den elektronischen Datenbanken MEDLINE, Embase,
6 Web of Science und Global Index Medicus bis zum 30. September 2022 durchgeführt.
7 Eingeschlossen wurden Studien zur Prävalenz von MG und/oder antibiotikaresistenten MG-
8 Infektionen bei PrEP-Nutzenden. Zwei unabhängige Reviewer identifizierten Studien und
9 extrahierten Daten. Es wurde ein systematischer Review und eine Metaanalyse mit zufälligen
10 Effekten durchgeführt, um die Ergebnisse quantitativ zu synthetisieren. Es erfolgte eine
11 kritische Bewertung der eingeschlossenen Studien anhand der JBI-Checkliste für
12 Prävalenzstudien und eine Bewertung der Qualität der Evidenz mittels GRADE.

13 **Ergebnisse:** Insgesamt wurden 15 Studien in den systematischen Review eingeschlossen,
14 welche 2.341 PrEP-Nutzende erfassten. Diese Studien wurden in Ländern mit hohem
15 Einkommensniveau zwischen 2014 und 2019 durchgeführt. Das mediane Alter der
16 Teilnehmenden lag zwischen 23,5 und 40 Jahren. Die meisten Teilnehmenden waren männlich
17 (85%), und 93% von ihnen waren Männer, die Sex mit Männern haben (MSM). Zum Nachweis
18 von MG wurden in 14 Studien Urinproben, in 12 Studien rektale oder anale Abstriche, in neun
19 Studien orale oder pharyngeale Abstriche und in drei Studien urethrale oder vaginale Abstriche
20 untersucht. Die gepoolte Punktprävalenz von MG unter PrEP-Nutzenden betrug 16,7% (95%-
21 Konfidenzintervall [95%KI] 13,6-20,3; 95%-Vorhersageintervall [95%VI] 8,2-31,1). Die
22 gepoolte Punktprävalenz von makrolidresistenten Infektionen lag bei 82,6% (95%KI 70,1-
23 90,6; 95%VI 4,7-99,8) und die Prävalenz von fluorochinolonresistenten Infektionen bei 14,3%
24 (95%KI 1,8-42,8). PrEP-Nutzende haben ein höheres Risiko, sich mit MG zu infizieren, als
25 Personen, die keine PrEP einnehmen (Odds Ratio [OR] 2,30; 95%KI 1,6-3,4). Die Qualität der
26 Evidenz reichte von sehr niedrig bis zu moderat.

27 **Schlussfolgerung:** Es wurde eine hohe Prävalenz von MG und Makrolidresistenz unter PrEP-
28 Nutzenden beobachtet. Dies unterstreicht die Notwendigkeit, Präventionsstrategien gegen
29 sexuell übertragbare Infektionen in dieser Bevölkerungsgruppe zu verstärken.

30

31 **Schlüsselwörter:** Mycoplasma genitalium, Arzneimittelresistenz, antimikrobielle Resistenz,
32 HIV-Präexpositionsprophylaxe, PrEP, Prävalenz