

What's New in STIs: Testing, Treatment, and Prevention Updates



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Family PACT



California PTC

July 23, 2026

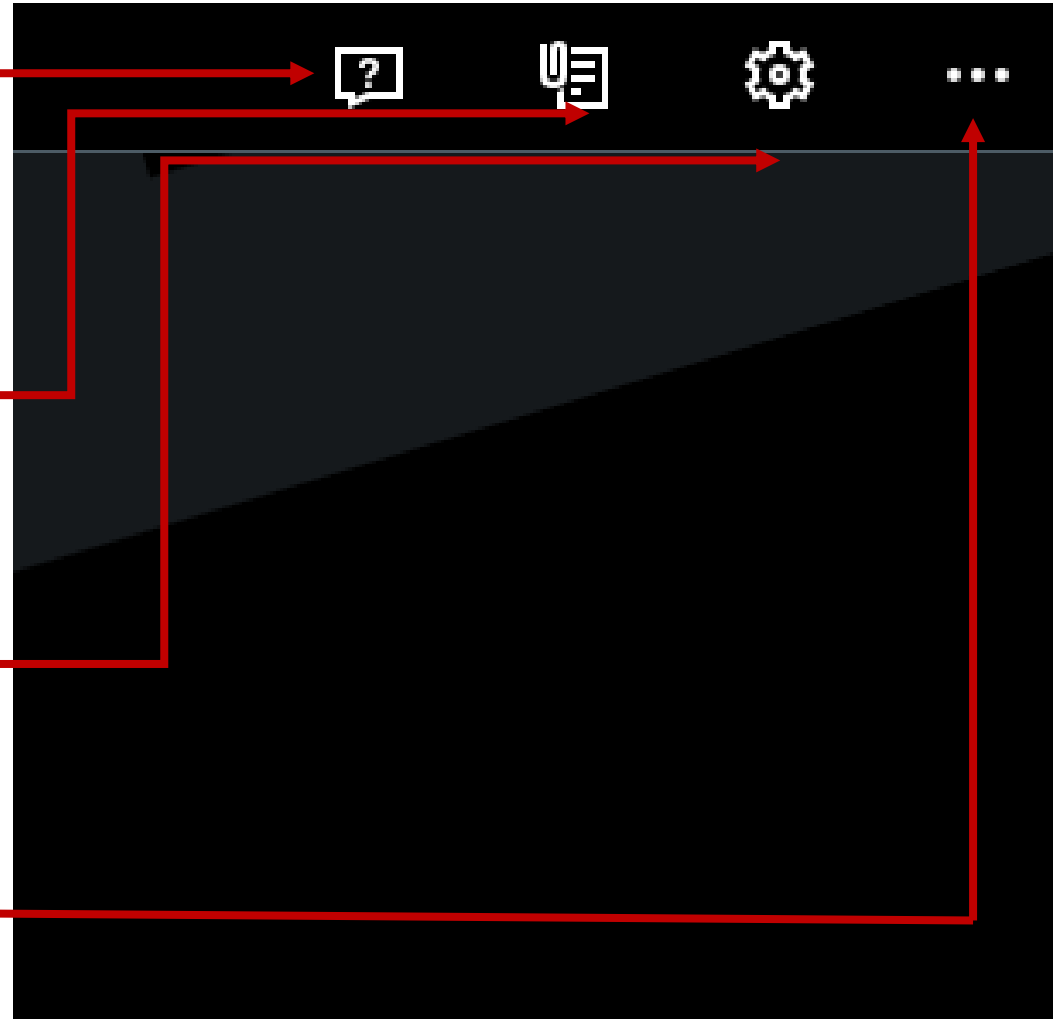
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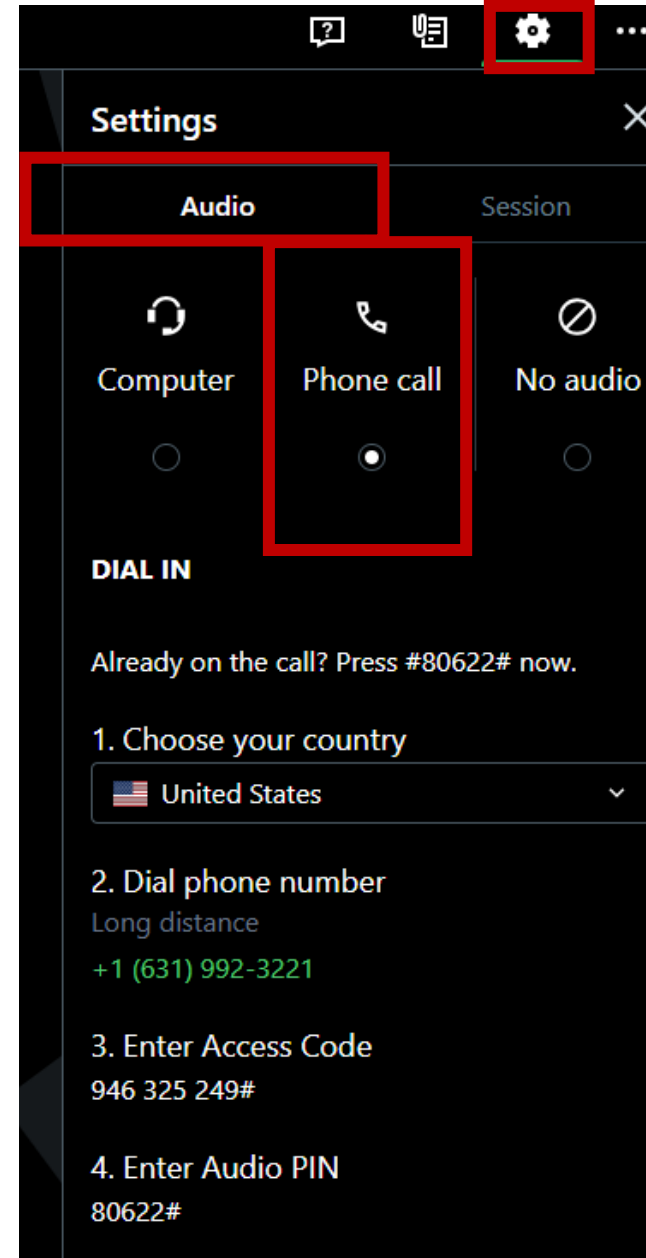
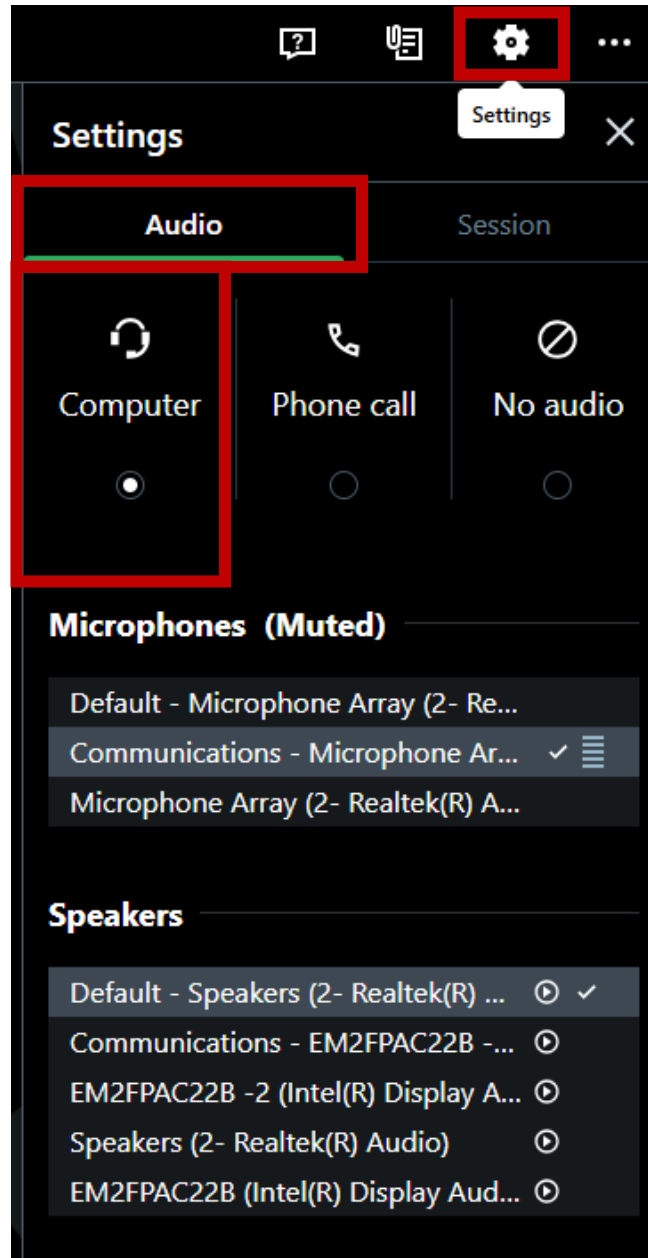
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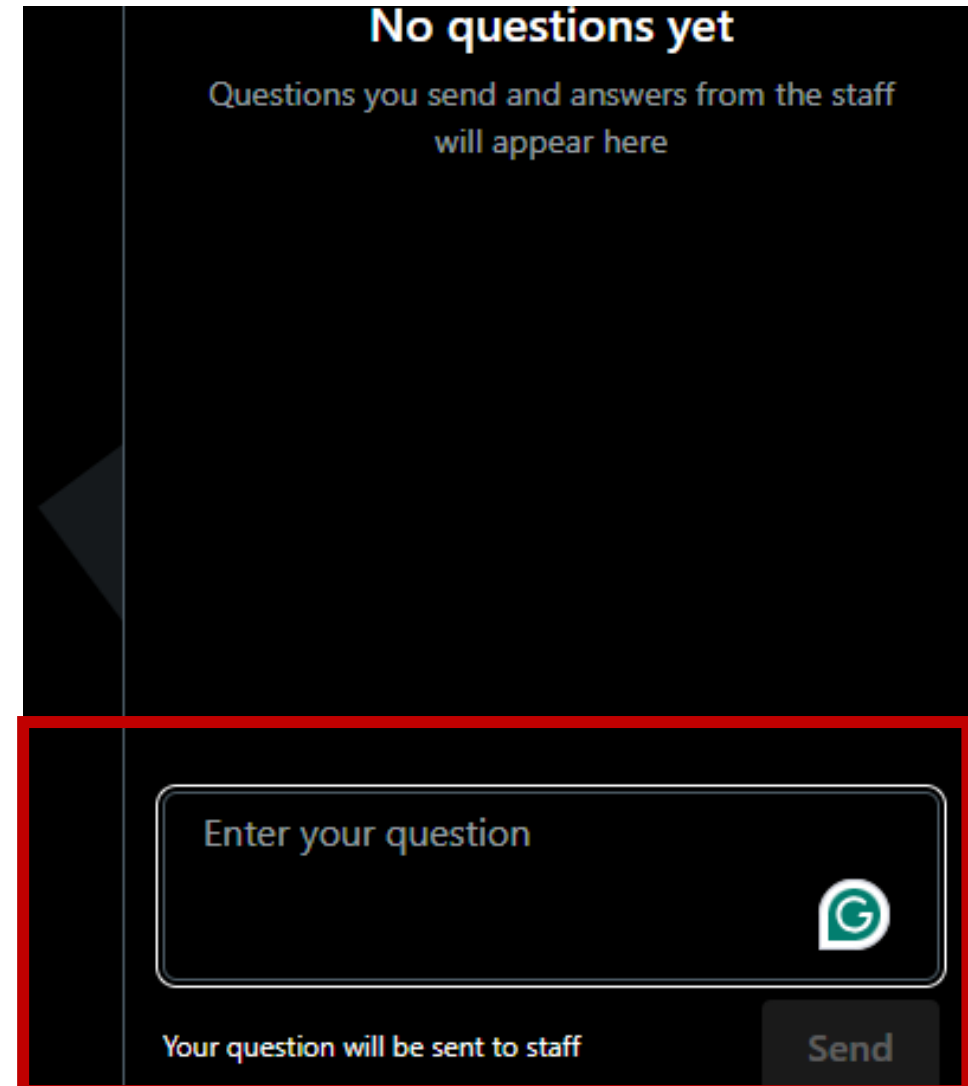
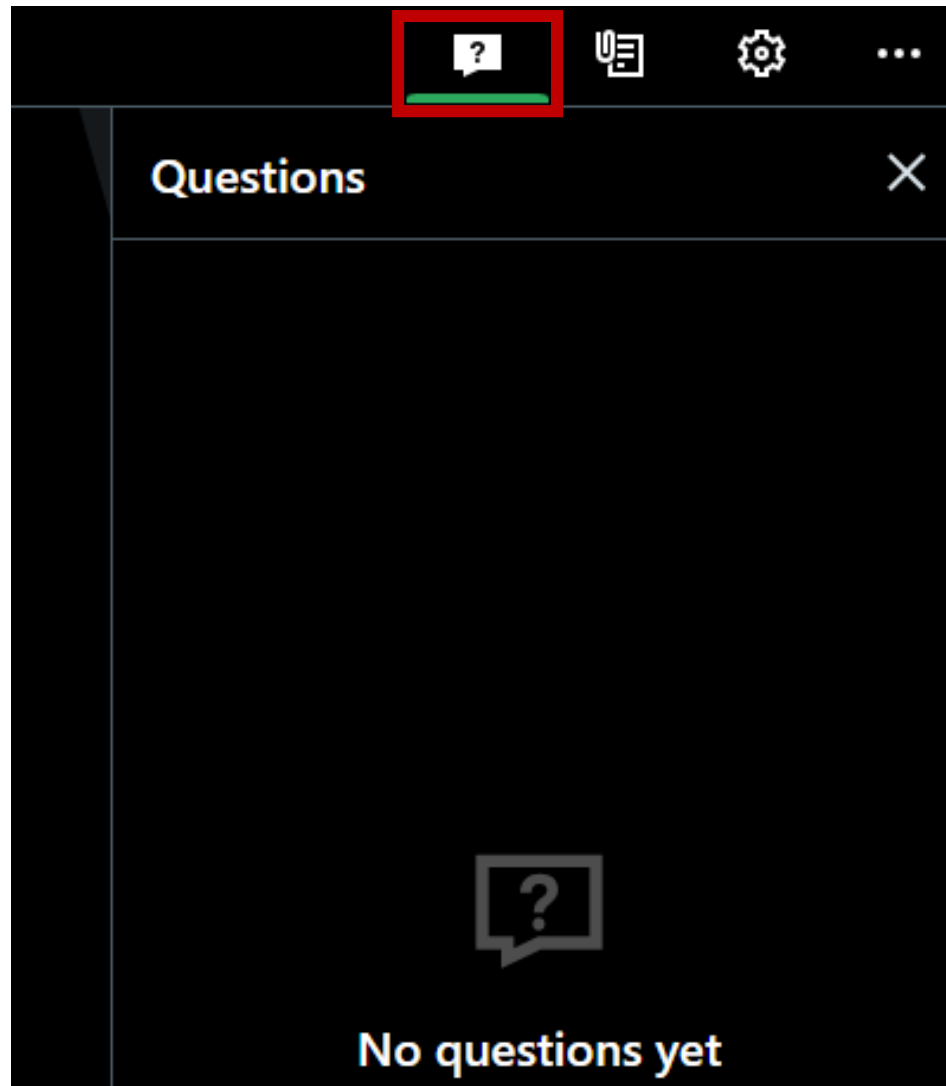
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Disclosure

- » None
- » Photo credits: iStock unless otherwise noted

Learning Objectives

1. Utilize at least one alternative oral therapy for gonorrhea
2. Provide counseling on available at-home testing for STIs and cervical cancer screening
3. Discuss methods for preventing sexually transmitted shigella

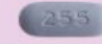
New Gonorrhea Treatments

Drugs for HIV

HIV Medication Chart

Combination Antiretrovirals

Single-Tablet Regimens

Atripla [†] (EFV/TDF/FTC) 	Biktarvy (BIC/TAF/FTC) 	Complera (RPV/TDF/FTC) 	Delstrigo (DOR/TDF/3TC) 	Dovato (DTG/3TC) 	Genvoya (EVG/COBI/TAF/FTC) 
Juluca (DTG/RPV) 	Odefsey (RPV/TAF/FTC) 	Stribild (EVG/COBI/TDF/FTC) 	Symtuza (DRV/COBI/TAF/FTC) 	Triumeq (DTG/ABC/3TC) 	

Long-Acting Injectable Regimens

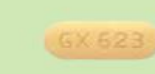


Cabenuva
(CAB/RPV)

Regimens Used in Combination with Other HIV Medications

Combivir [†] (ZDV/3TC) 	Descovy (TAF/FTC) 
Epzicom [†] (ABC/3TC) 	Truvada [†] (TDF/FTC) 

Nucleoside/Nucleotide Reverse Transcriptase Inhibitors (NRTI)

Emtriva [†] (emtricitabine, FTC) 	Epivir [†] (lamivudine, 3TC) 	Viread [†] (tenofovir DF, TDF) 	Ziagen [†] (abacavir, ABC) 	Vemlidy (tenofovir alafenamide, TAF) FDA approved for <u>HBV only</u> 
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Protease Inhibitors (PI)

Evotaz (ATV/COBI) 	Kaletra [*] (lopinavir/ritonavir, LPV/RTV) 	Prezcobix (DRV/COBI) 	Prezista [*] (darunavir, DRV) 	Reyataz [†] (atazanavir, ATV) 
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Non-Nucleoside Reverse Transcriptase Inhibitors (NNRTI)

Edurant (rilpivirine, RPV) 	Intelence [†] (etravirine, ETR) 	Pifeltro (doravirine, DOR) 	Sustiva [†] (efavirenz, EFV) 	Viramune [†] (nevirapine, NVP) 
--	---	---	--	--

Entry Inhibitors

Rukobia
(fostemsavir, FTR)
gp120 Attachment Inhibitor



Selzentry^{*}
(maraviroc, MVC)
CCR5 Antagonist



Trogarzo
(ibalizumab, IBA)
Post-Attachment Inhibitor



Integrase Inhibitors (INSTI)

Isentress[†]▲
(raltegravir, RAL)



Isentress HD
(raltegravir, RAL)



Tivicay^{*}
(dolutegravir, DTG)



Vocabria
(cabotegravir, CAB)



Boosting Agents

Norvir[†]
(ritonavir, RTV)



Tybost
(cobicistat, COBI)



Drugs for GC



All pills shown in relative size/scale. Medication brand names appear in bold. Generic names and commonly used abbreviations appear in parentheses.

* Also available in liquid or powder form. † Generic formulation available. ▲ Chewable form available.

Gepotidacin “Gepo”

- » First-in-class triazaacenaphthylene **Dual-targeting: inhibits DNA gyrase (GyrA) and topoisomerase IV (ParC)**
- » Binds to a distinct site (different than fluoroquinolones)
- » Prevents DNA replication
- » Dual-targeting reduces the likelihood of resistance

Oral gepotidacin for the treatment of uncomplicated urogenital gonorrhea (EAGLE-1): a phase 3 randomised, open-label, non-inferiority, multicentre study

Ross J, Wilson J, Workowski K et al.

The Lancet, 2025; 405, 1608-1620

Zoliflodacin “Zoli”

- » First-in-class spiropyrimidinetrione **Inhibits DNA gyrase (GyrB subunit)**
- » Blocks DNA biosynthesis → GC death
- » Active against GC strains resistant to cephalosporins and fluoroquinolones

Single-Dose Zoliflodacin (ETX0914) for Treatment of Urogenital Gonorrhea

Ross J, Wilson J, Workowski K et al.

N Engl J Med. 2018 Nov 8;379(19):1835-1845.

Gepo and Zoli vs Ceftriaxone-based regimens

	Gepotidacin	Zoliflodacin
Dosing	3g, two doses, 10-12 hrs apart	3g, Single dose
Efficacy: urogenital	mITT: 92.6% (TD, -0.1%) ME: 100% (TD, 0%)	mITT: 90.9% (TD, 5.31%) ME: 96.8% (TD, 3.16%)
Efficacy: rectal	mITT: 100% (26/26), (TD, 20%); ME: 100% (26/26), (TD, 0%)	mITT (n=114): 87.3% (TD, 1.23%); ME (n=103): 95.8%, (TD, 4.17%)
Efficacy: pharyngeal	mITT: 77.8% (14/18), (TD, -16.3%); ME: 87.5% (14/16), (TD, -12.5%), 2 bacterial persistence	mITT (n=81): 79.2% (TD, -0.67%); ME (n=69): 91.3% (TD, 4.35%)
Side effect profile	Mild; GI (67%) – diarrhea, nausea	Comparable to CTX-Azithro; headache

ME: Microbiologic efficacy/eradication, **TD**=Total Difference

Zoliflodacin for Urogenital Gonorrhea

- » **Who:** 930 persons with uncomplicated gonorrhea, 2019-2023, either symptomatic or asymptomatic, by culture, NAAT or Gram stain/methylene blue
- » **Where:** 16 sites Belgium, Netherlands, South Africa, Thailand, US
- » **What: Zoliflodacin 3 grams oral x 1**

VS

Ceftriaxone 500 mg intramuscular + azithromycin 1 gram oral



[NIH Statement on Preliminary Efficacy Results of First-in-Class Gonorrhea Antibiotic Developed Through Public-Private Partnership](#) | (1 November 2023)

[Study Details | Zoliflodacin in Uncomplicated Gonorrhoea | ClinicalTrials.gov](#)

Zoliflodacin for Urogenital Gonorrhea

- » **Primary outcome:** urethral or cervical culture at day 6 after treatment
- » **Primary outcome result:** Difference in efficacy was **5.31%**
(within the margin of non-inferior)

[NIH Statement on Preliminary Efficacy Results of First-in-Class Gonorrhea Antibiotic Developed Through Public-Private Partnership](#) (1 November 2023)

[Study Details | Zoliflodacin in Uncomplicated Gonorrhoea | ClinicalTrials.gov](#)

Zoli and Gepo regimens

Antibiotic	Clinical Scenario/ Patient	Dosage	Notes
Gepo (Bluejepa®)	Uncomplicated UTI - Female adults - Pediatric ≥12 years, ≥40kg	1500 mg (2 tabs) Every 12 hours For 5 <u>days</u> (10 tabs total)	- Each tab 750 mg - Ok to have with or without food - Avoid if GFR ≤30 ml/min - Cannot taken with CYP3A4 <u>inhibitors or inducers</u>
	Uncomplicated urogenital gonorrhea (GC) - Adults - Pediatric ≥12 years, ≥45kg	3g (4 tabs) Every 10-12 hours For 2 <u>doses</u> (8 tabs total)	
Zoli (Nuzolvence®)	Uncomplicated urogenital GC Patients ≥12 years, 35 to <50kg	3g single dose on an empty stomach	- Risk of fetal and testicular toxicity - Cannot be taken with <u>CYP3A4 inducers</u>
	Uncomplicated urogenital GC Patients ≥12 years, ≥50kg	3g single dose with food (food increases half life and drug levels)	

Great. But is it covered?

Gepotidacin and Zoliflodacin for alternative GC treatment

- **Gepo** is covered by Medi-Cal with prior authorization
- **Zoli** is not yet covered, but when commercially available (expected second half of 2026), it will be added with prior authorization.

Neither is currently covered by Family PACT.

Mycoplasma genitalium

What is *M. genitalium*?

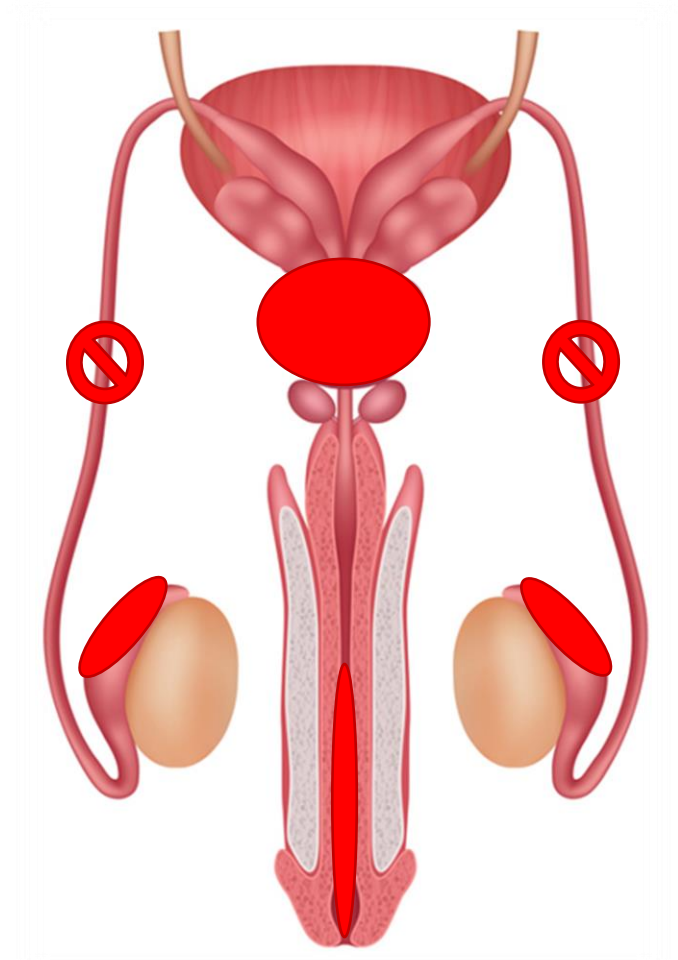
- » Pathogenic bacterium can colonize the mucous membranes of the human genitourinary tract, oropharynx and rectum.
 - No cell wall and small genome.
 - Infects epithelial cells and replicates within them.
 - Very difficult to culture – two labs worldwide and takes months.
- » Passed via vaginal and anal sex. Unclear if it can be transmitted by oral sex.
- » Re-current infections are possible through antigenic variation.
- » Commonly found as co-infection with GC, CT, and *T. vaginalis*.



Attribution: *M. gen*; CDC; Public Domain.

How does infection manifest in males?

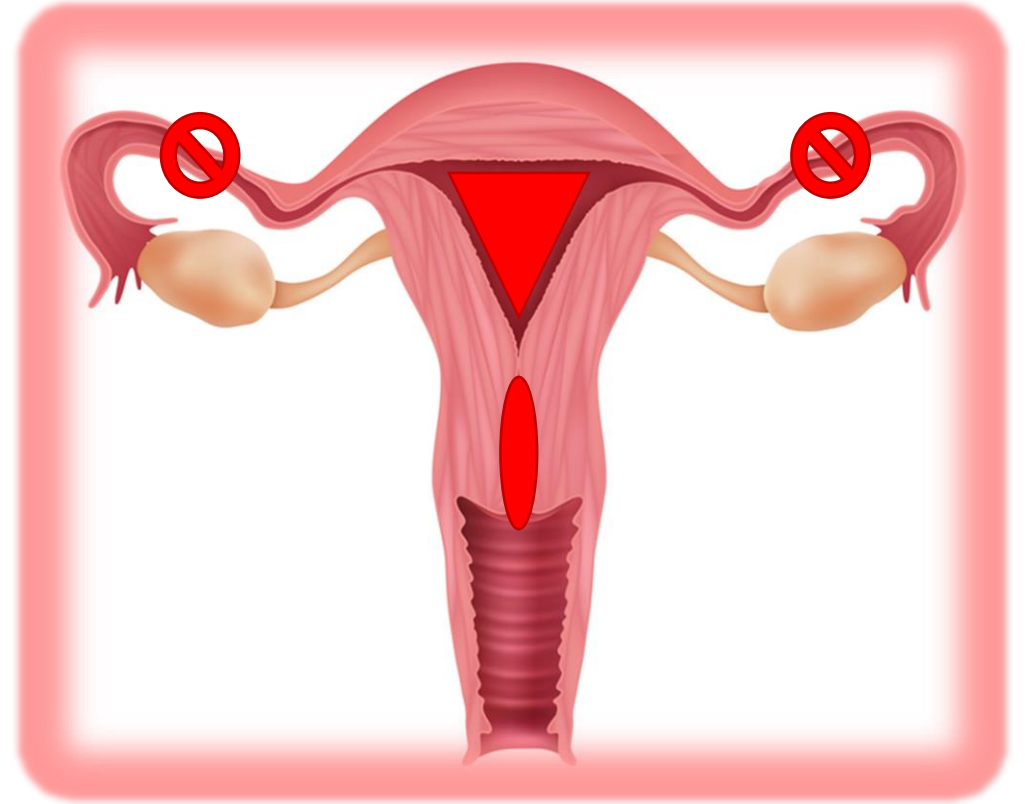
- » Male anatomy – symptomatic or asymptomatic.
 - Urethritis.
 - 15-20% of non-gonococcal urethritis (NGU).
 - 40% of recurrent or persistent urethritis.
 - Unclear if causes epididymitis, prostatitis or infertility.
- » Pharyngeal colonization possible, though not known to cause symptoms.



Attribution: Male Anatomy; iStock Photo License.

How does infection manifest in females?

- » Female anatomy – symptomatic or asymptomatic.
 - 10-30% of cervicitis
 - Associated with 21% of vaginitis (Manhart et al. 2023)
 - Associated with 67% increased risk of pelvic inflammatory disease
 - Detected in 10% cases
 - Possible association:
 - Spontaneous abortion
 - Endometritis
 - Preterm delivery and low birthweight
 - Infertility
- » Long-term consequences of asymptomatic colonization are unknown for both sexes.



Attribution: Female Anatomy; iStock Photo License.

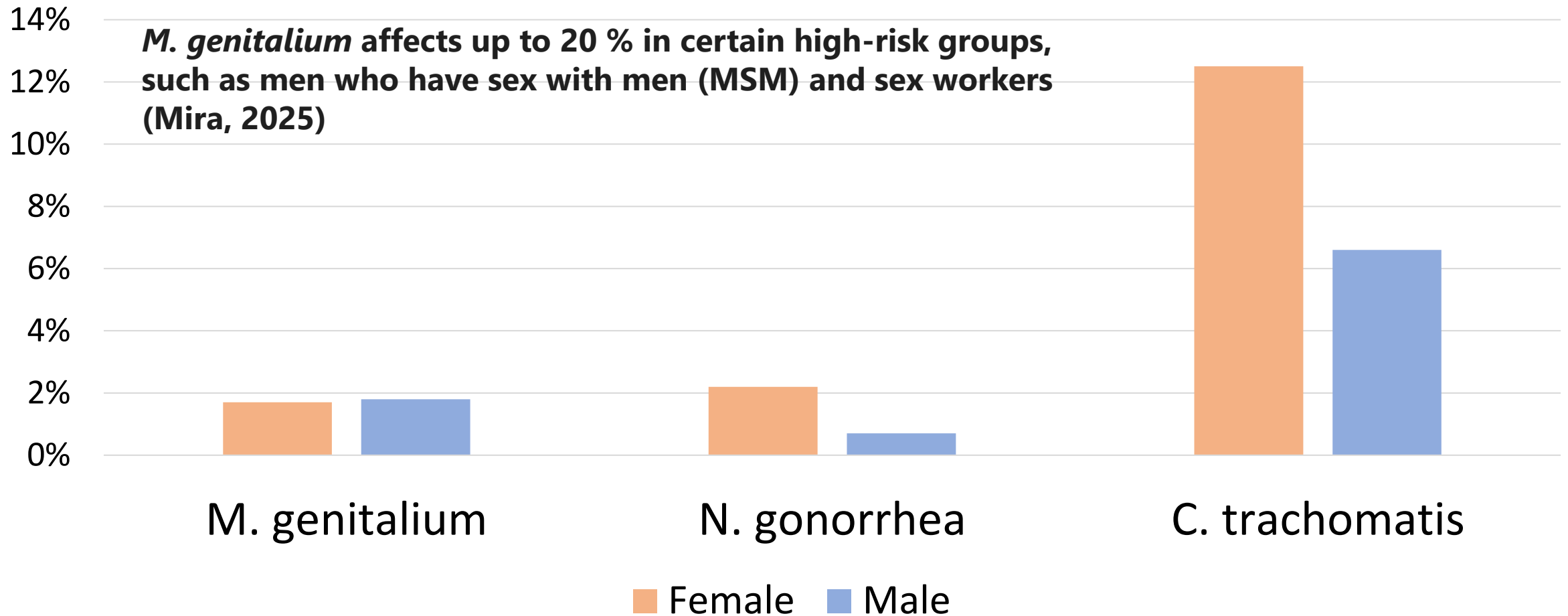
M. genitalum and HIV Risk

Three-fold increased risk of HIV infection among women and MSM with untreated M. genitalium infection (Barker et al. 2022; Zhao et al. 2019).

	Syphilis	Trichomoniasis	
All female populations			
Pooled RR (95% CI)	1.67 (1.23-2.27)	1.54 (1.31-1.82)	
	Gonorrhea	Chlamydia	<i>Mycoplasma genitalium</i>
	2.81 (2.25-3.50)	1.49 (1.08-2.04)	3.10 (1.63-5.92)

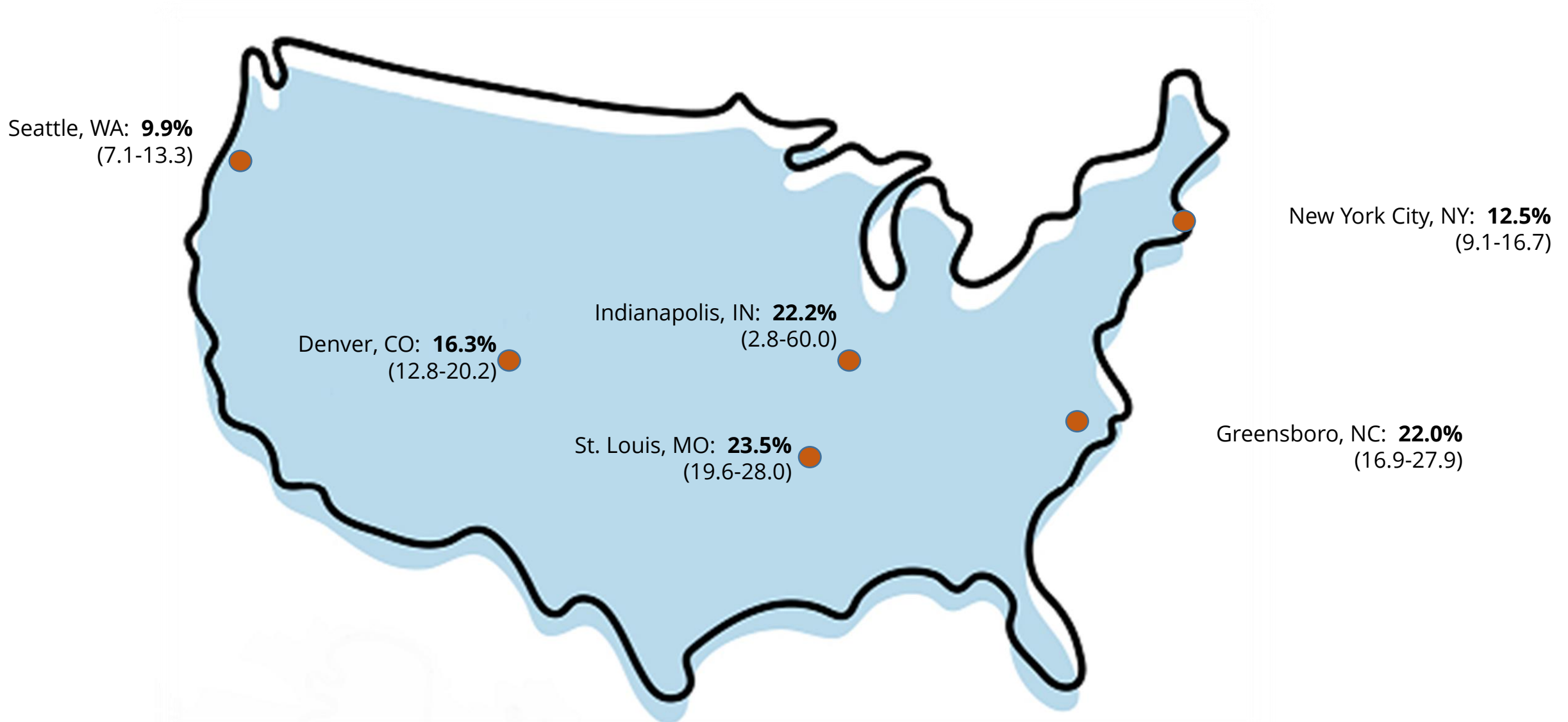
Epidemiology of M. genitalium 2017-2018

Prevalence of Bacterial STIs Among Screened People



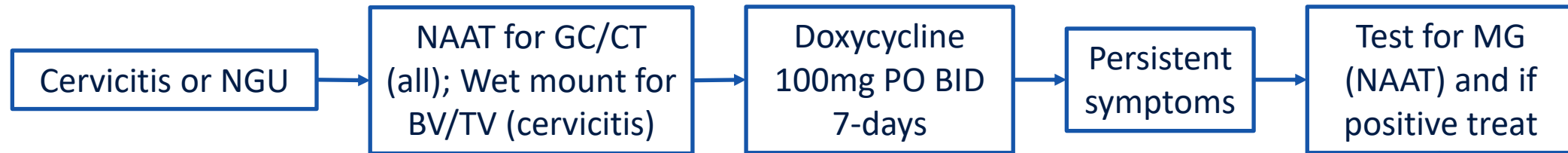
Data pulled from Bowen et al 2019 (gonorrhea and chlamydia) and Torrone et al. 2021 (M. gen). Graphic created in Excel.

Prevalence in STI Clinics in U.S.



Attribution: iStock Photo License. Data from Manhart et al. 2023.

CDC Guidelines for *M. genitalium*



Recommended Regimens if *M. genitalium* Resistance Testing is Not Available

If *M. genitalium* is detected by an FDA-cleared NAAT: Doxycycline 100 mg orally 2 times/day for 7 days, followed by moxifloxacin 400 mg orally once daily for 7 days

Who to test for *M. genitalium*?

- » **Screening** NOT recommended. Also applies to pregnant people.
 - Rationale: Insufficient evidence of the consequences of asymptomatic infections or that treatment prevents negative sequelae.
- » **Diagnostic testing** recommended for persistent NGU/cervicitis/proctitis and NOT at initial presentation. Can consider on initial presentation for PID.
 - Rationale: Some cases will clear with doxycycline alone and may slow increase in moxifloxacin-resistant strains.

Who to test for M. genitalium? Cont.

- » **Test of cure** is recommended ONLY when moxifloxacin cannot be used (e.g. in pregnancy or severe allergy) and patient remains symptomatic after treatment.
 - Rationale: Insufficient evidence that asymptomatic colonization causes negative sequelae.
- » **Partner testing** can be offered for symptomatic patients with confirmed M. genitalium.
 - Rationale: There is high concordance of M. genitalium between partners. Treatment may reduce symptomatic reinfection of patients (though no studies exist to evaluate this).

How is *M. genitalium* treated?

Recommended Regimens if *M. genitalium* Resistance Testing is Available

If *macrolide sensitive*: **Doxycycline** 100 mg orally 2 times/day for 7 days, followed by **azithromycin** 1 g orally initial dose, followed by 500 mg orally once daily for 3 additional days (2.5 g total)

If *macrolide resistant*: **Doxycycline** 100 mg orally 2 times/day for 7 days followed by **moxifloxacin** 400 mg orally once daily for 7 days.

Recommended Regimens if *M. genitalium* Resistance Testing is NOT Available

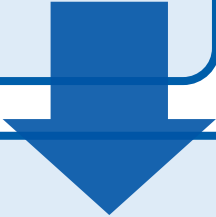
If *M. genitalium* is detected by an FDA-cleared NAAT: **Doxycycline** 100 mg orally 2 times/day for 7 days, followed by **moxifloxacin** 400 mg orally once daily for 7 days

Attribution: CDC STI Treatment Guidelines 2021.

What if Doxy/Moxi is not an option in a non-pregnant patient?

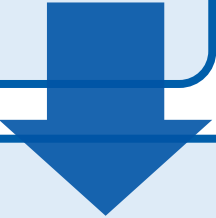
Consider azithromycin monotherapy

1 gram PO once, then 500 mg PO daily x 3 days, with test-of-cure (TOC) at 21-28 days post treatment.



If TOC shows azithromycin treatment is not successful, try minocycline 100 mg BID x 14 days, with TOC at 21-28 days

(Shown to have 68% cure rate in study of 123 patients).



If second TOC still positive...

Minocycline x 28 days? Minocycline + Tinidazole?

Pristinamycin: not available in the United States :/ Could try contacting the company (Sanofi)

How is M. genitalium treated during pregnancy?

Recommended regimen contraindicated in pregnancy

- doxycycline contraindicated
- moxifloxacin being a Category C drug.

Consider azithromycin monotherapy

1 gram PO once, then 500 mg PO daily x 3 days, with test-of-cure (TOC) at 21-28 days post treatment.

If TOC shows azithromycin treatment is not successful, may need to wait until after delivery to adequately treat with the recommended regimen of doxycycline and moxifloxacin.

Pristinamycin: not available in the United States :/ Could try contacting the company (Sanofi)

Minocycline and Tinidazole both contraindicated during pregnancy.

CDC Antimicrobial Watch List

- » Added to CDC watch list in 2019.
- » Very quickly develops antibiotic resistance with increasing prevalence of macrolide and fluoroquinolone-associated mutations.

ANTIBIOTIC RESISTANCE THREATS
IN THE UNITED STATES
2019



Great. But is it covered?

Minocycline, Tinidazole and Pristinamycin for M. Gen

Medi-Cal:

Minocycline: yes

Tinidazole: yes

Pristinamycin: no

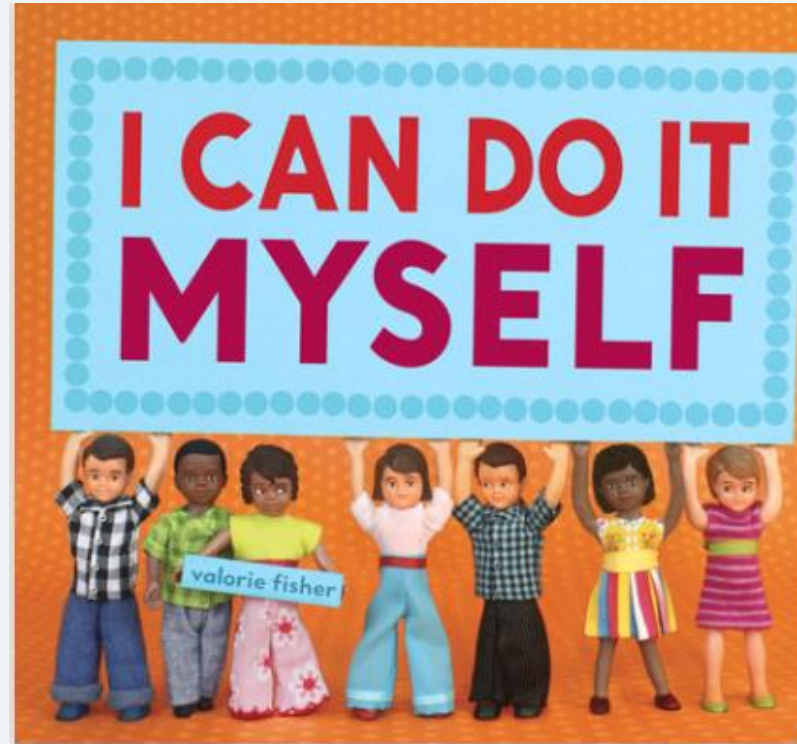
Family PACT:

Minocycline: no

Tinidazole: covered for TV and BV but not M. Gen

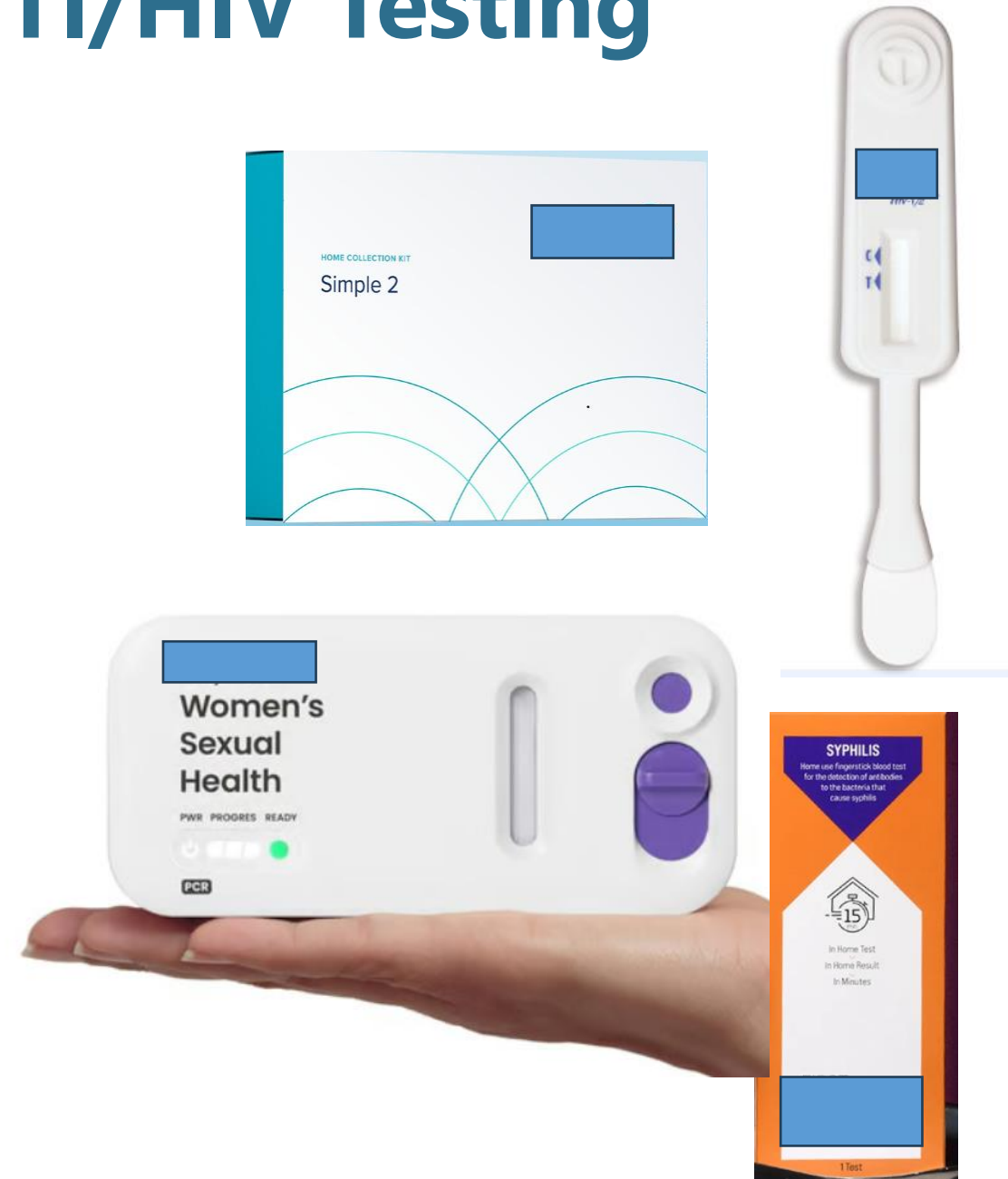
Pristinamycin: no

Over-the-Counter STI Testing At Home?



Over-the-Counter STI/HIV Testing

- » **July 2012:** 1st FDA approved OTC test for HIV (Oraquick, OraSure Technologies)
- » **Nov 2023:** 1st FDA approved OTC test for genital GC/CT (Simple 2, LetsGetChecked), mail to lab
- » **August 2024:** 1st FDA approved OTC test for syphilis: (First to Know, Now Diagnostics) Treponemal antibody only (no RPR-like component), positive for life
- » **March 2025:** 1st FDA approved completely at home test for GC/CT/trichomonas for women (Visby Medical) – 30 min, results on phone.

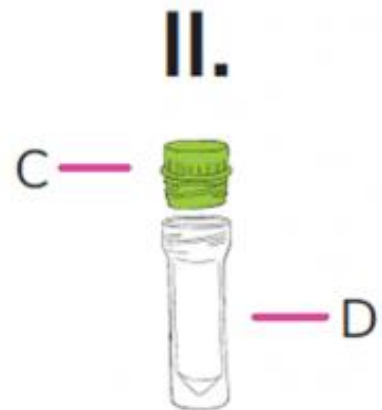
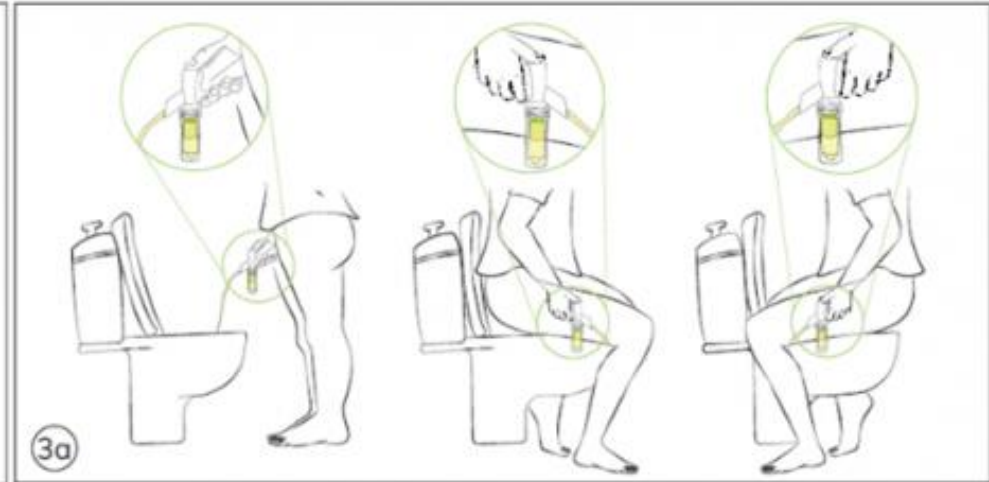
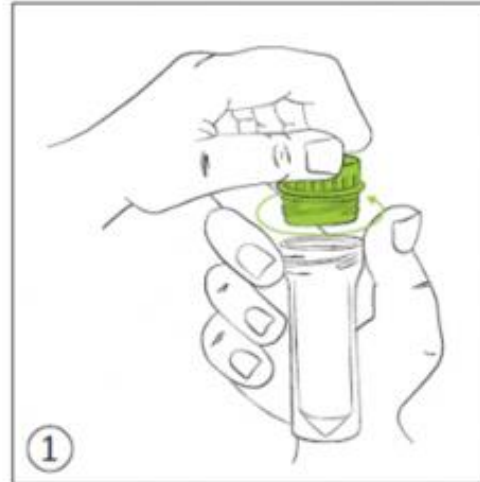
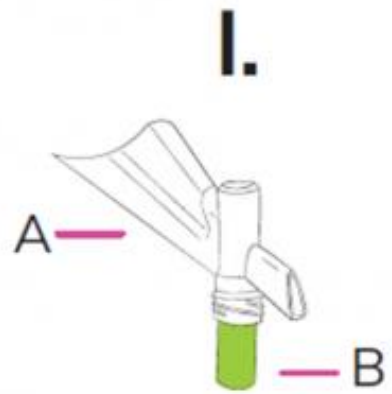


June 2026: Colli-Pee

- » Mail-in home collection kit for first-void urine
- » Tests for CT, GC, Trich, and M. Gen
- » NucleoPrecision™ Technology, a proprietary chemistry for DNA and RNA stabilization
 - Maintains urine sample integrity at ambient temperatures
- » Run on Roche's cobas® 5800, 6800, and 8800 molecular diagnostic systems.
- » Requires lab order, and developing mail-in lab workflow



How to use:



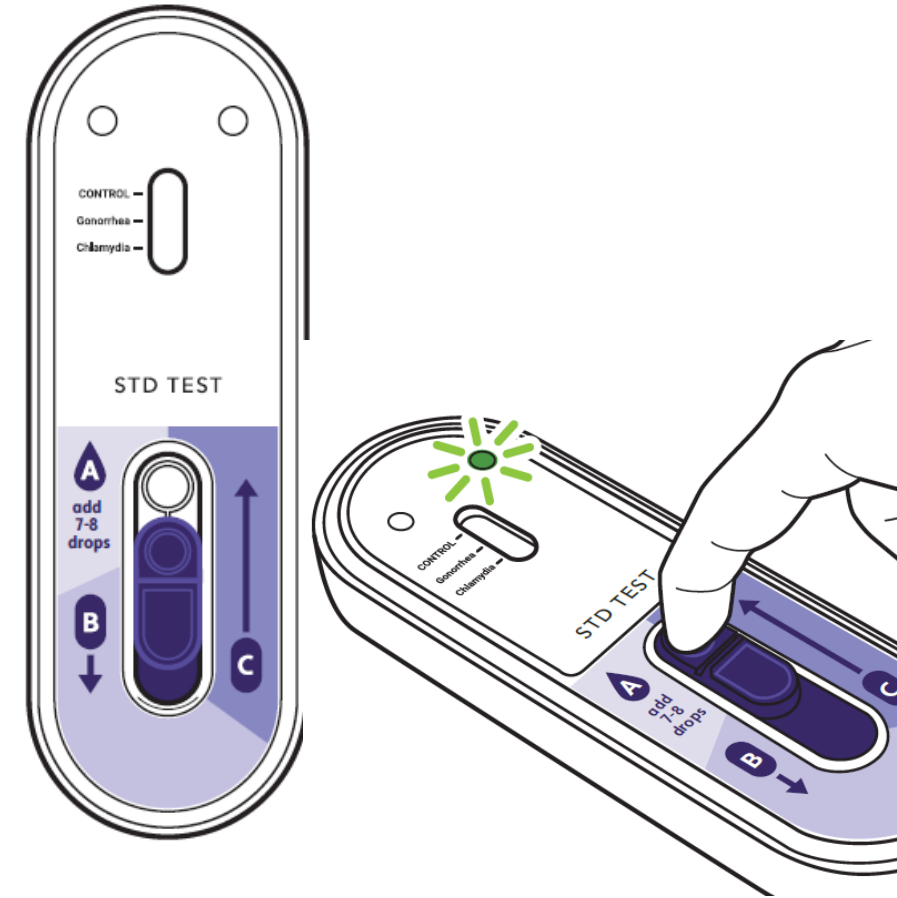
In FDA Review: A new CT/NG molecular self-test

Overview:

- **Over-the-Counter** and **Point-of-Care CLIA Waived** molecular test for chlamydia and gonorrhea
- Single-use disposable device with no plug required
- Sample types: Self-collected **vaginal or penile meatal** (around outside of urethral opening) **swab** specimen
- Test results in **30 minutes**

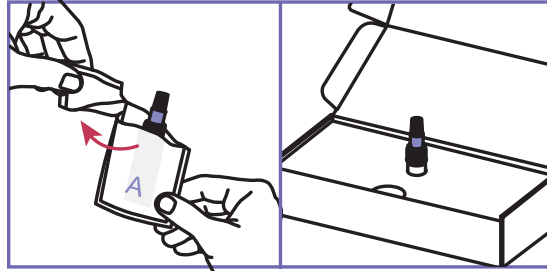
Development Input:

- OraSure is gathering additional voice of customer input prior to FDA clearance and product release

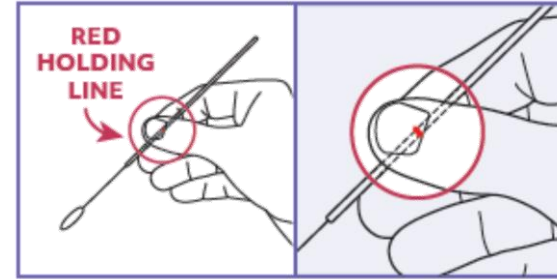


Product has not been cleared or approved by the U.S. FDA or any other regulatory authority. It is not available for sale or distribution in any jurisdiction.

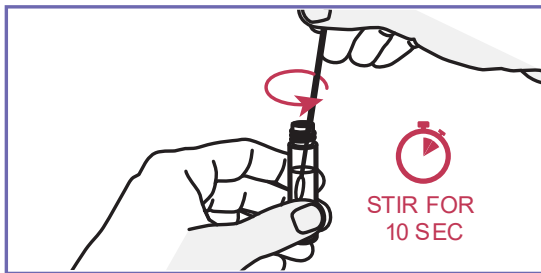
How to use



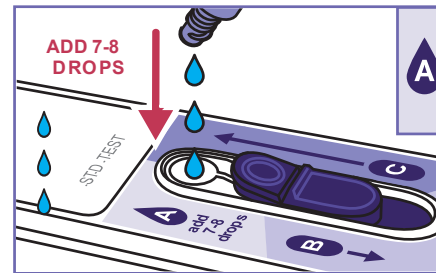
Open the box and prep the materials.



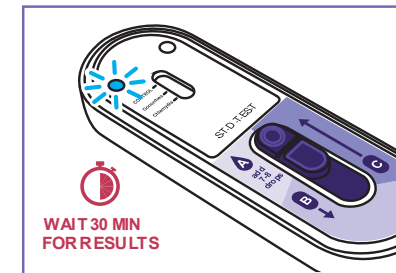
Use swab to collect sample.



Stir to release sample.



Drop sample in the test well and activate test.



Wait 30 min and read results.

Product has not been cleared or approved by the U.S. FDA or any other regulatory authority. It is not available for sale or distribution in any jurisdiction.

Cervical Cancer Screening at Home?

May 2024: FDA Approves Self-Collected HPV Testing



American Cancer Society Statement: FDA Approval of HPV Self-Collection for Cervical Cancer Screening

May 15, 2024

"Self-collection, a form of primary HPV testing, has been studied for over two decades and is feasible, acceptable, and comparable to clinician-collected samples."

May 2025: FDA Authorized At-Home HPV Testing Device



Teal Test Wand

- » Used with one hand
- » Sponge at the top
- » Use thumb to spin the bottom
- » \$99 with insurance (Aetna, Anthem, Blue Cross, Cigna, United)
- » \$249 self-pay or FSA/HSA



Great. But is it covered?

Home testing:

GC/CT/trich/m.gen Colli-Pee Device

- CPT codes for CT/GC/trich/M. gen tests are covered by Medi-Cal and Family PACT (with the relevant dx codes for Family PACT).
- No billing codes for any specific home test kits yet.

HPV Teal Wand

- 87626 HPV test is covered by both Medi-Cal and Family PACT, which is the test ordered on the Teal Wand specimen.
- No billing code for the Teal Wand itself.

SELF CERV Study:

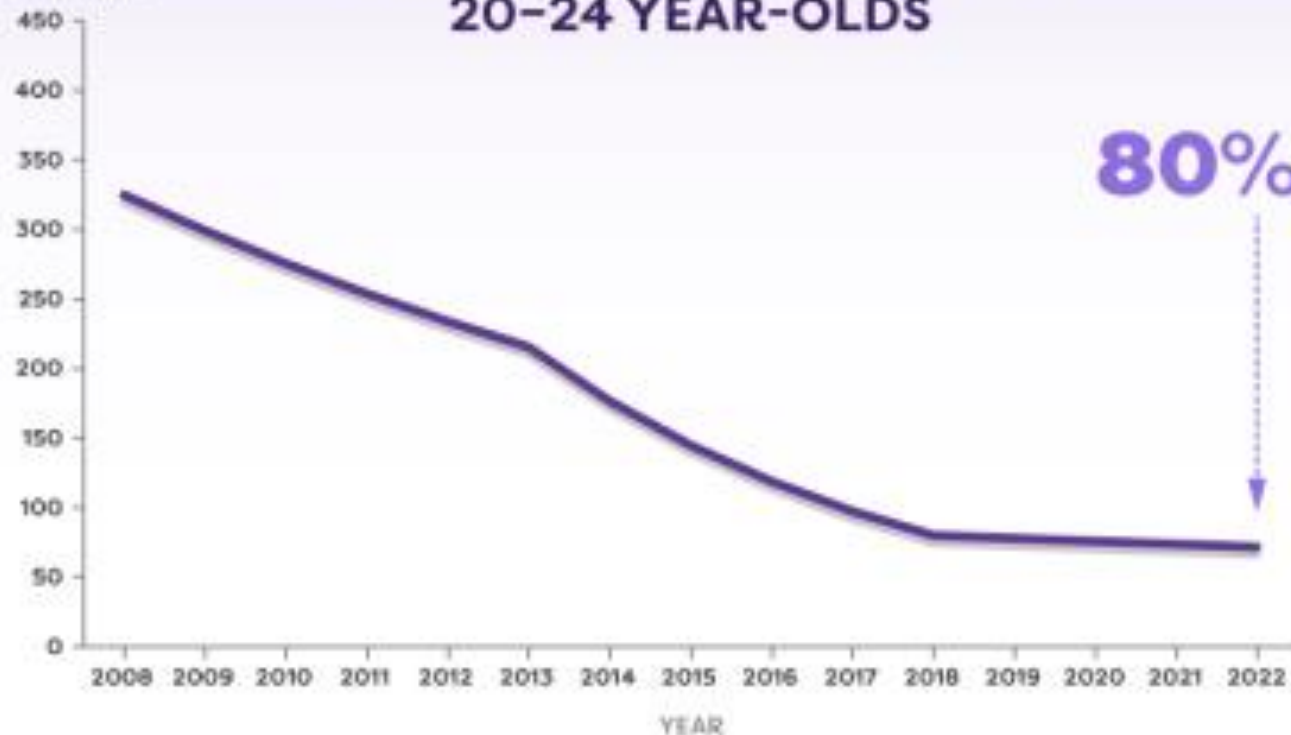
Good positive agreement and sensitivity

- » N=599 participants with a cervix (97% identified as female, general pop and abnormal HPV/Pap in prior 6 mos)
- » Positive agreement between self collect (SC) and clinician collected (CC) samples for detection of hrHPV was **95.2%**
- » Sensitivity for detection of high-grade cervical dysplasia was **95.8%** (95% CI, 86.0%-98.8%; 46 of 48 participants), **equivalent to the clinician collected** (relative sensitivity, 1.00).
 - **92.3%** reported device instructions easy or very easy to understand, similar % would choose SC if they knew the results were comparable to CC
- » HPV testing done with existing FDA approved primary HPV test (Roche Cobas)

Cervical precancers decreased after HPV vaccine was introduced in the United States in 2006

CIN3+ PER 100,000
SCREENED

**CIN3+* HAS DECREASED IN
20-24 YEAR-OLDS**



Health care providers
should recommend HPV
vaccination for girls and
boys ages 11-12.
Vaccination can be started
at age 9, and catch-up is
recommended through
age 26.

CDC.GOV

tinyurl.com/mm7406a4

FEBRUARY 27, 2025

*CIN3+ cervical precancers are most likely
to progress to invasive cancer

MMWR

CDC MMWR, February 27, 2025

Sexually Transmitted Shigella

Shigellosis



Gastrointestinal infection



4 *Shigella* spp: *S. sonnei*, *S. flexneri*, *S. boydii*, or *S. dysenteriae*



Symptoms:

Diarrhea (sometimes bloody), abdominal pain, cramps, fever, nausea, and vomiting. Starts 1-2 days after exposure and lasts for around 1 week; usually self-limiting; longer course for immunocompromised patients.



Transmission:

Fecal-oral contact, including hands or fomites contact with human feces; Contaminated food and water; Infectious dose is low (10-100 organisms); can occur during direct or non-direct sexual contact.

Who is at Risk?

- » Young children in childcare settings
- » Travelers to endemic areas
- » Gay, bisexual, and other men who have sex with men (GBMSM)
- » Persons experiencing homelessness (PEH)
- » Immunocompromised persons, people with HIV

Recent increases in antimicrobial-resistant Shigella infections among:

- » Travelers to endemic areas
- » GBMSM
- » PEH
- » Immunocompromised persons, people with HIV

Diagnosis and Treatment

- » Laboratory diagnosis
- » Culture or by culture-independent diagnostic tests (CIDT) such as polymerase chain reaction (PCR) tests
- » Routine use of antibiotic therapy is **not** recommended
 - Treatment may shorten duration of illness (1-2 days)
 - Exception: immunocompromised patients or those with severe disease, including people with HIV; tailor to antimicrobial susceptibility results

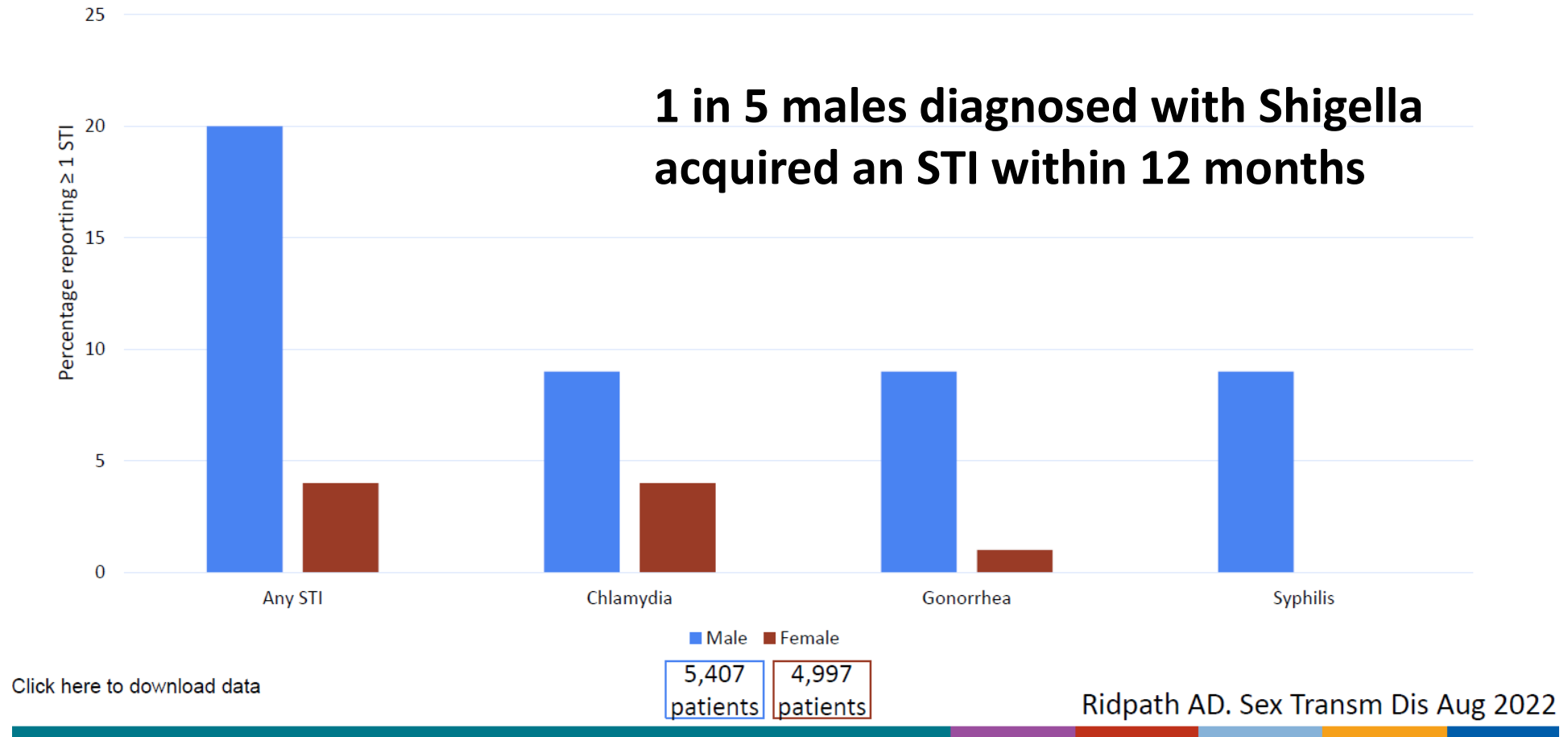
Risk Factors for ST-shigella in MSM

Table 2: Risk factors associated with sexually transmitted shigella in men who have sex with men (MSM)

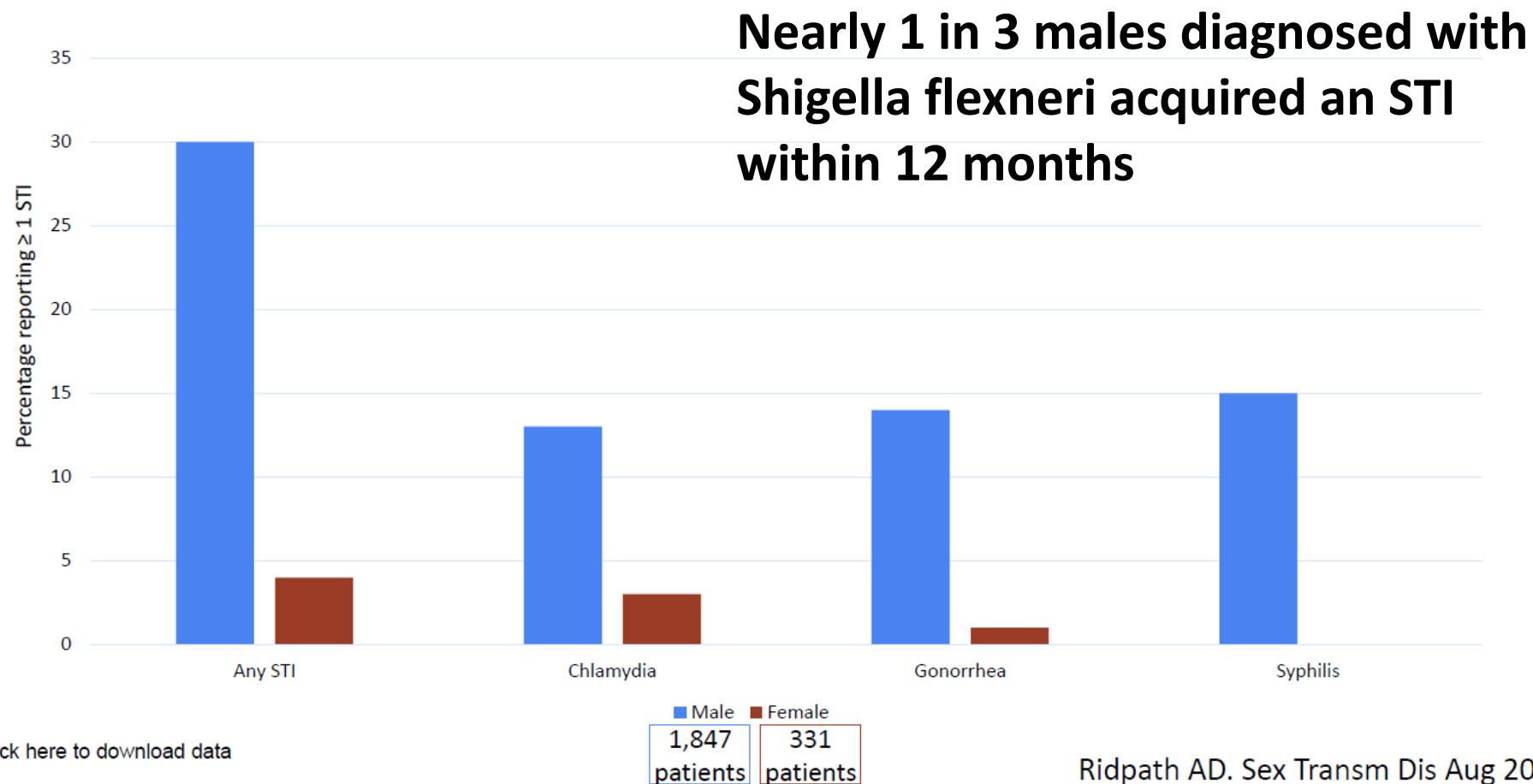
Demographic	• Residing in a capital city or urban area.
Biological	• Living with HIV. • Living with HIV and having a high plasma HIV viral load (not taking antiretroviral therapy). • Living with HIV and having a low CD4 count (not taking antiretroviral therapy). • Antimicrobial-resistant <i>Shigella</i> spp. • Having an STI (chlamydia, gonorrhea, syphilis, acute hepatitis C).
Behavioral	• Seroadaptive (HIV) sexual behavior • Using HIV pre-exposure prophylaxis • Using social media to meet sexual partners, access sex parties and source chemsex drugs. • Visiting sex on premises venues • Using recreational drugs (mephedrone, crystal methamphetamine, GHB/GBH, PDE5 inhibitors, ecstasy, poppers, marijuana, and injecting drug use. • Oro-anal sexual behaviour (rimming) • Condomless anal sex • Fisting (insertive and receptive) and coprophilia • Multiple sex partners • Attending sex parties • Group sexual behaviors

GBL, γ -butyrolactone; GHB, γ -hydroxybutyrate

Percentages of reported culture-confirmed *Shigella* cases with at least 1 STI reported within ± 12 months by sex in 6 U.S. jurisdictions, 2007-2016



Percentages of reported culture-confirmed *Shigella flexneri* cases with at least 1 STI reported within ± 12 months by sex in 6 U.S. jurisdictions, 2007-2016



Antimicrobial Resistance



Morbidity and Mortality Weekly Report
(*MMWR*)

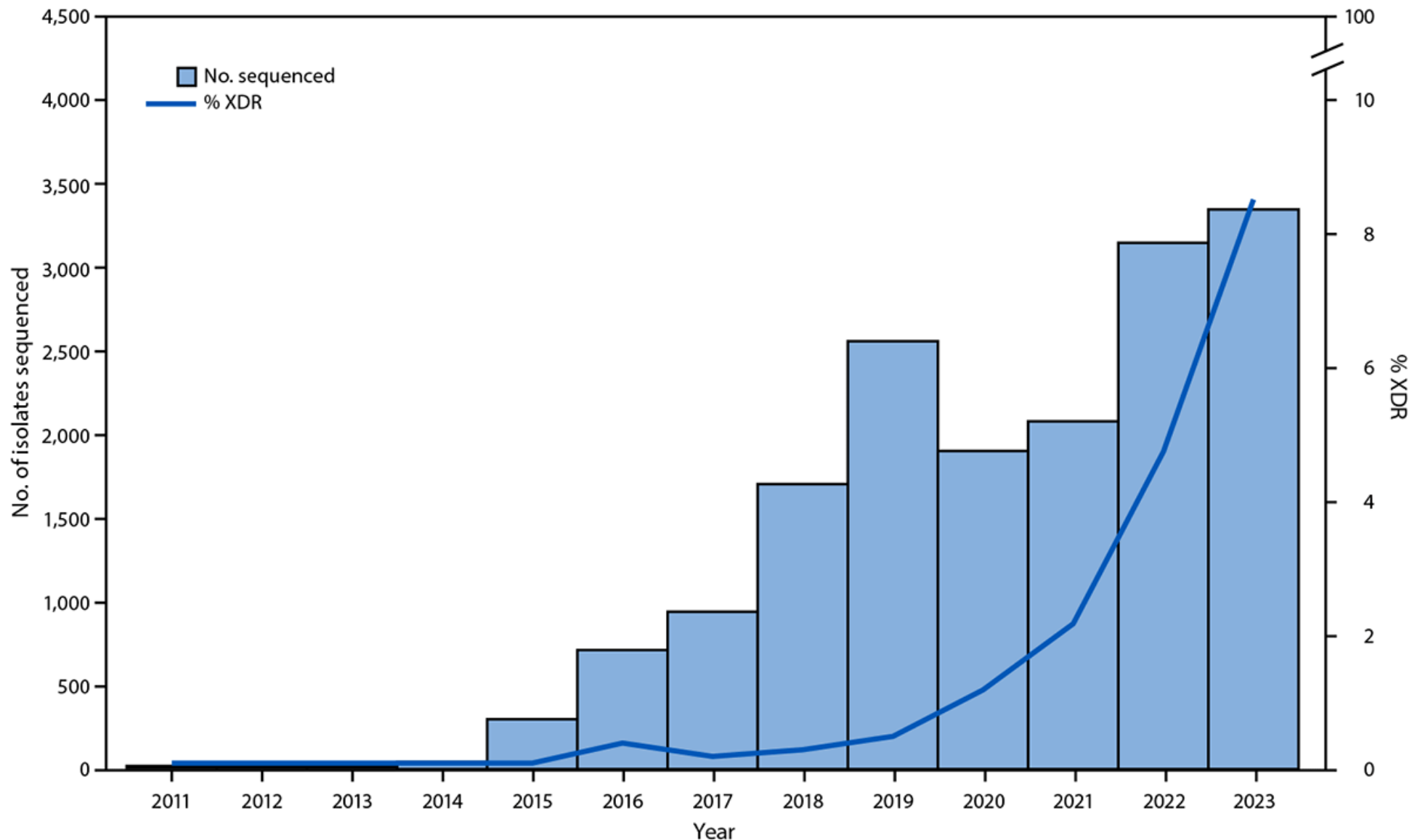
Search



Emergence of extensively Drug-Resistant Shigellosis – United States, 2011-2023

Weekly/ April 9, 2026 / 75(13); 173-178

Antimicrobial Resistance cont.



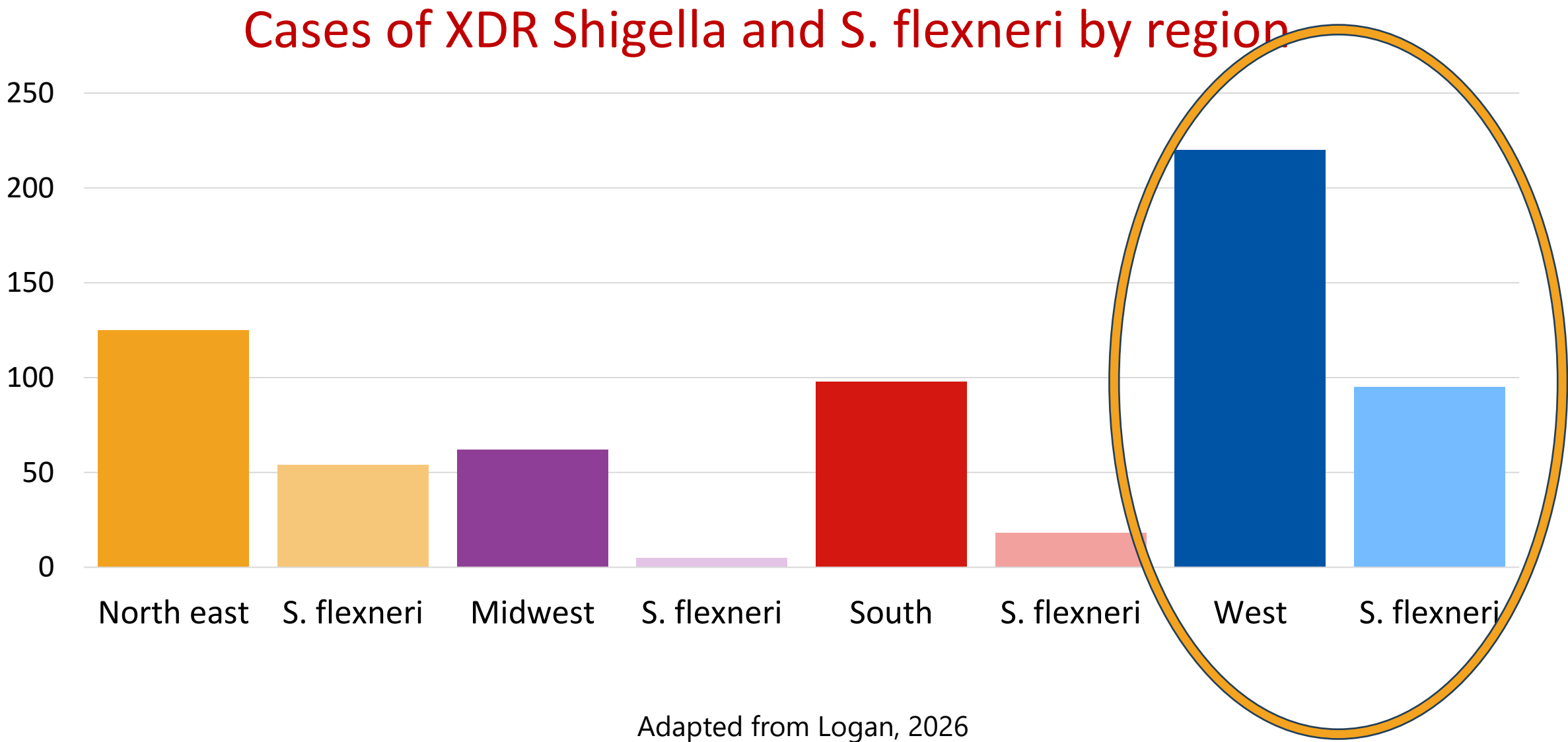
» **96.1% $\geq$ 18 years old**

- Median age 41

- 86.2% Male

» **37% hospitalized**
(no deaths)

Cases of XDR Shigella and S. flexneri by region



ST-shigella Prevention

- » Avoid sex with individuals who have had diarrhea within the past two weeks
- » Use barriers
- » Condoms, dental dams during oral and oral-anal sex
- » Latex gloves during digital-anal sex
- » Wash hands, genitals, and anus with soap and water before and after sexual activity.
- » Wash hands after touching sex toys, used condoms or barriers, and douching materials.
- » Wash sex toys with soap and water after each use.

Shigella Infection Among Gay, Bisexual, and Other Men Who Have Sex with Men

Accessible Link www.cdc.gov/shigella/msm.html

Note: Content contains mature language

Gay and bisexual men are a group at high risk for *Shigella* infection.

Shigella Can Spread Easily and Rapidly During Sexual Activity

Shigella passes from the poop (stool) or unclean fingers of one person to the mouth of another person. This can happen during sexual activity through:

- **Direct sexual contact:** Oral or anal sex, or anal play (rimming, fingering)
- **Indirect sexual contact:** Handling contaminated objects, such as sex toys, used condoms or barriers, and douching materials

Symptoms usually start 1–2 days after swallowing the germs and include **bloody diarrhea, fever, and stomach pain**. Talk with your doctor about *Shigella* if you have any of these symptoms and feel very sick.

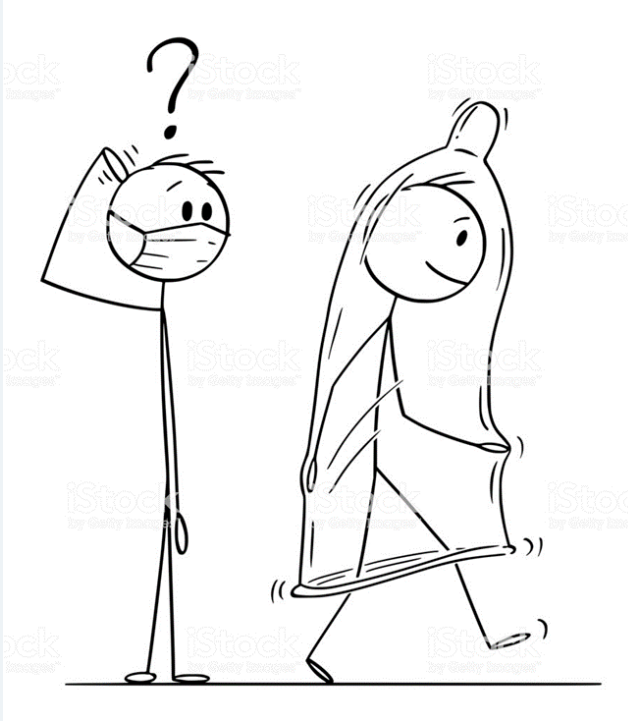
Multidrug-resistant *Shigella* infections have been on the rise in the U.S. since 2013.

These types of infections are difficult to treat because germs develop the ability to defeat the drugs designed to kill them. That means *Shigella* germs are not killed and continue to grow.



[Shigella Infection Among Gay, Bisexual, and Other Men Who Have Sex with Men | Shigella – Shigellosis | CDC](http://www.cdc.gov/shigella/msm.html)

STI Prevention Strategies



Case

- » 46 y.o. HIV (-) cis man who has sex with men. Struggled with adherence while taking oral PrEP, so was switched to cabotegravir LA IM every two months.
- » Last 3 months:
 - ~30 male partners
 - Condomless insertive and receptive anal sex
 - Uses methamphetamine several times/week, inhaled and IV, including during sex
 - Uses doxycycline PO 200 mg PRN after condomless sex

Doxy PEP: What is it?

Doxycycline Post-Exposure Prophylaxis

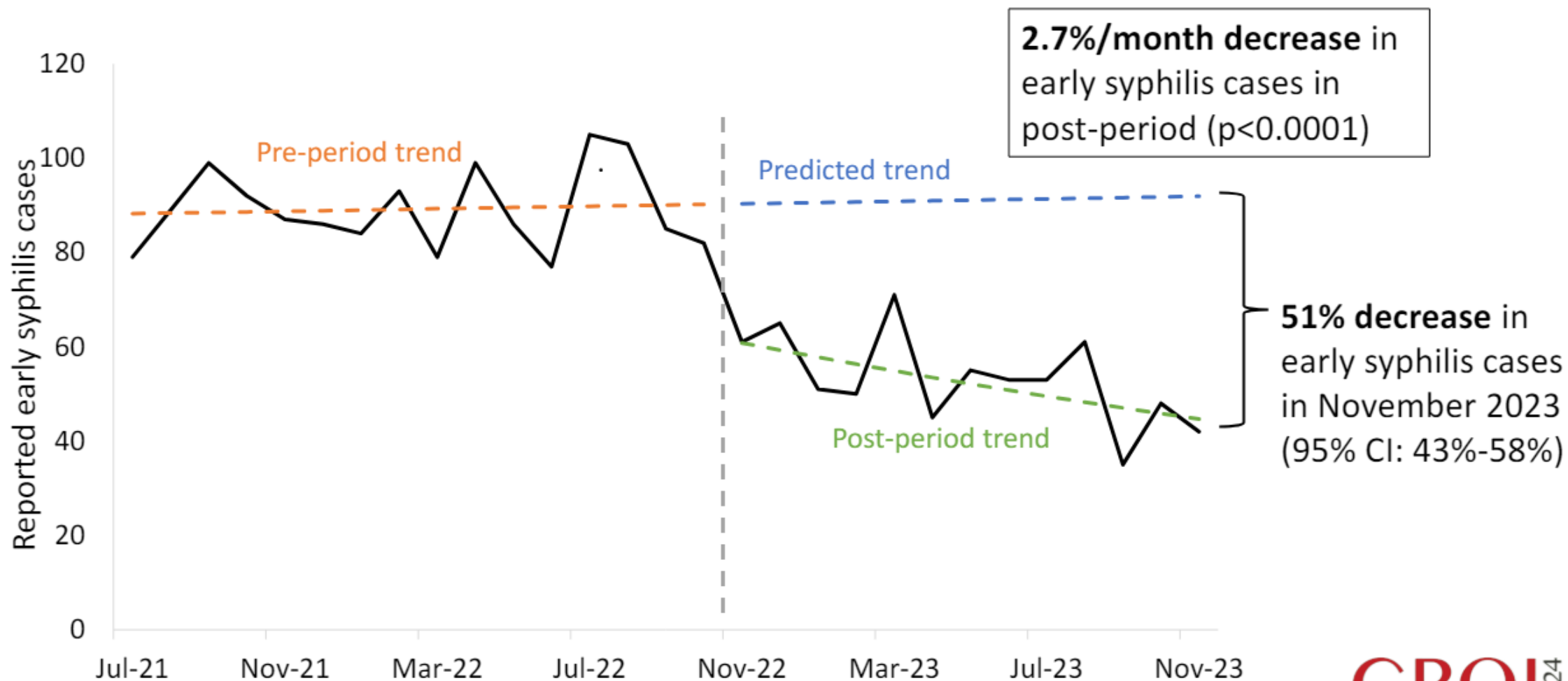
One-time, 200 mg of **doxycycline**,
taken within 72 hours *after* having condomless oral, anal, or
vaginal sex, to reduce infections with
gonorrhea (GC), chlamydia (CT), & syphilis.

“Plan B” or “Morning After Pill” for bacterial STIs

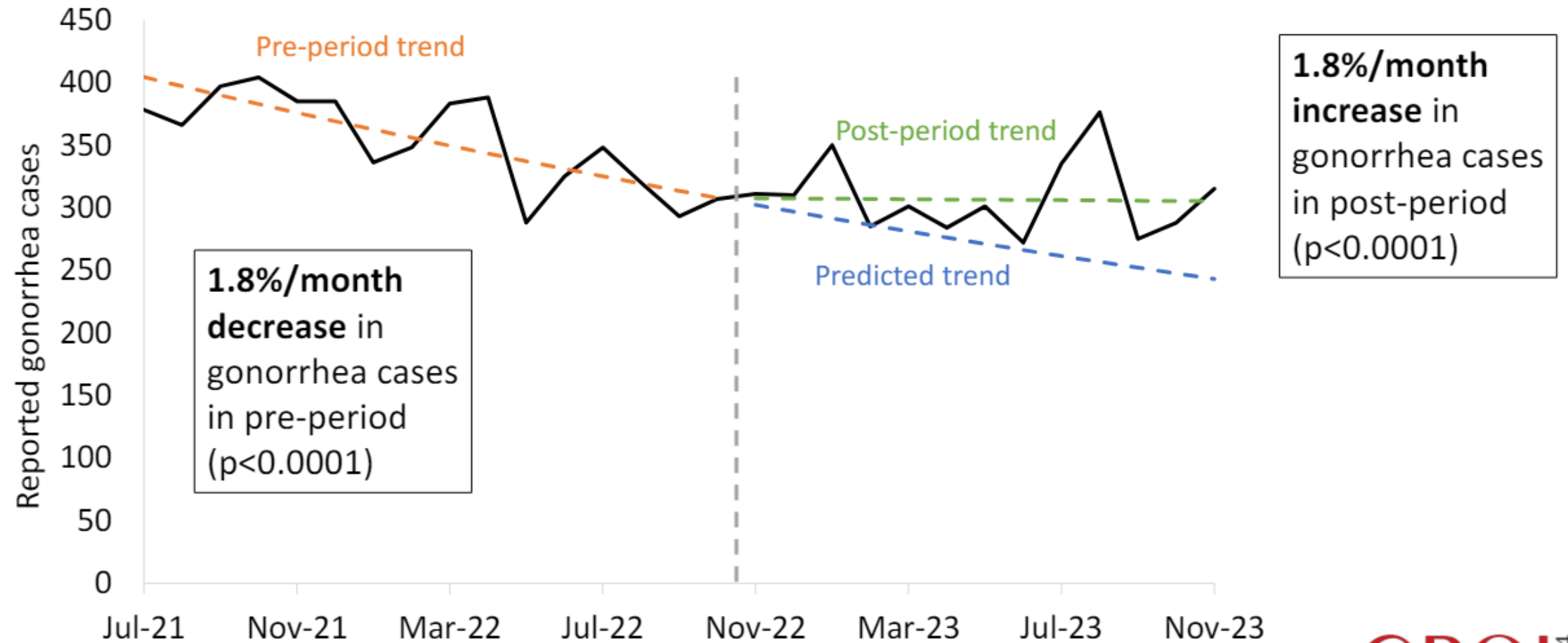


- » **October 2022:** San Francisco was 1st health department in US to release doxy PEP guidelines
- » **2023** National HIV Behavioral Surveillance, San Francisco (N = 533, MSM with and without HIV)
 - 66.6% of MSM reported awareness of doxy-PEP
 - 19.3% of MSM used doxy-PEP.
 - MSM w/o HIV: use was associated with STI diagnoses and HIV PrEP use.
 - MSM living with HIV: use was associated with younger age.

Early Syphilis Results: Monthly SF Cases Among MSM and TGW



Gonorrhea Results: Monthly SF Cases Among MSM and TGW



CLS-women and Doxy PEP: dPEP Trial No Difference in Incident STIs by study group, but...

- » Poor Adherence: Among 50 randomly selected participants in the doxy PEP group, doxycycline was detected in 58 of 200 hair samples (29.0%)
- » Follow up pilot study: Weekly doxy PEP using directly observed therapy with snack
- » n=60 with 86 total f/ups (q 3 months x 6 months)
- » Combined CT+GC incidence **18.4 per 100 py vs 31.8 per 100 py (favoring doxy)** CT alone also significant

FoXXy doxy study in people age 14-29 years old assigned female at birth is happening in the United States: On Demand vs. weekly (regardless of sex activity) vs. No Doxy PEP/standard of care

Stewart et al, NEJM, Dec 2023

Stewart et al. STI&HIV 2025 World Congress, July 2025

Great. But is it covered?

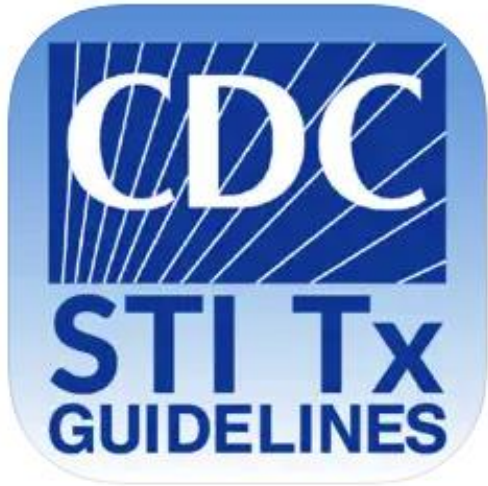
Doxy PEP for females

- Medi-Cal: doxycycline is covered without restriction
- Family PACT: no

Great. But is it covered?

Topic	Test/Treatment	Medi-Cal	Family PACT
Gonorrhea Alternative Therapy	Gepo	Yes, with prior auth.	No
	Zoli	Not yet	No
Mycoplasma Genitalium Alternative Therapy	Minocycline	Yes	No
	Tinidazole	Yes	No (but ok for TV and BV)
	Pristinamycin	No	No
Home testing	Mail-in STI tests	Labs yes, kit no	Labs yes, kit no
	Mail-in HPV testing	Lab yes, kit no	Lab yes, kit no
STI prevention	Doxy PEP for females	Yes	No

Get the CDC Treatment Guidelines App



STI Tx Guide 12+
Centers For Disease Control and Prevention
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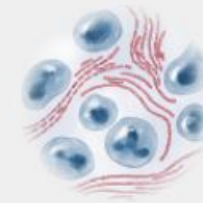
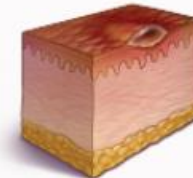
National STD Curriculum

A free educational website from the University of Washington STD Prevention Training Center.

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Thank you!



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Family PACT



