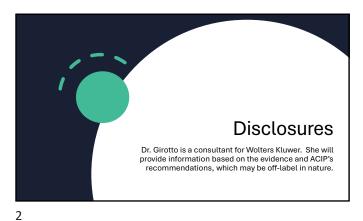
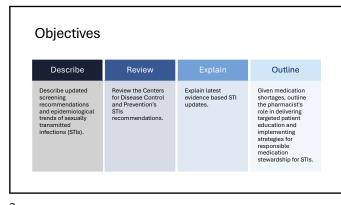
So Much STI Data: Information to Help You Stay Current and Informed



Jennifer Girotto PharmD, BCPPS, BCIDP Assistant Department Head & Clinical Professor University of Connecticut School of Pharmacy



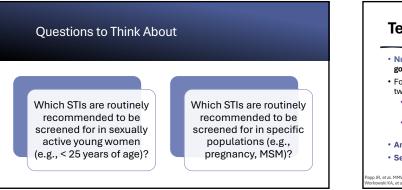


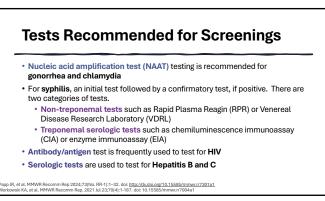
Sexually Transmitted Infections (STI) and Screening Recommendations

Centers for Disease Control and Prevention (CDC) United States Preventative Services Task Force (USPSTF)

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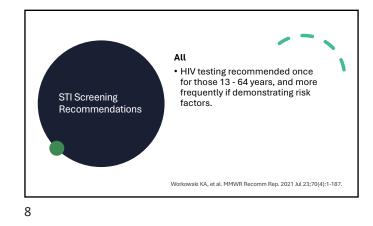


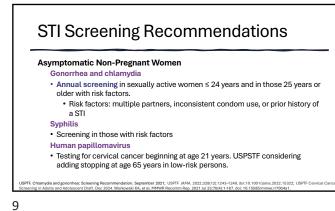


Risk Factors for STI

- The risk factors vary a bit based on the specific STI. This is a general overview. · New or multiple sex partners
- · Sex partner having sex with other partners concurrently
- · Inconsistent condom use in non monogamous relationship
- · History of an STI themselves or in their partner
- · History of sex for money or drugs
- · History of imprisonment or incarceration
- · Injection drug use (for those also transmitted via blood exposure)
- · Men who have sex with men (MSM)

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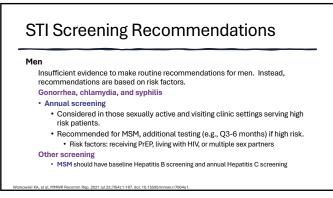
STI Screening Recommendations

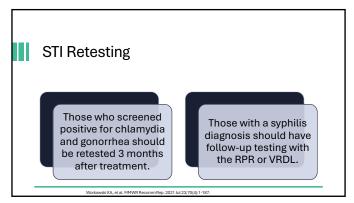
Pregnant Women

- Gonorrhea and chlamydia
- Initial testing in first trimester based on age/risk, with repeat testing during 3rd trimester in those who continue to meet risk.
- Syphilis
- · Initial screening in first trimester, repeat testing at 28 weeks, with additional testing at birth (ACOG recommends all, CDC recommends the testing at birth if at high risk).

HIV, Hepatitis B and C

- HIV should have screening at 1st pregnancy visit and again in 3rd trimester.
- Hepatitis B and C should be screened at 1st pregnancy visit.

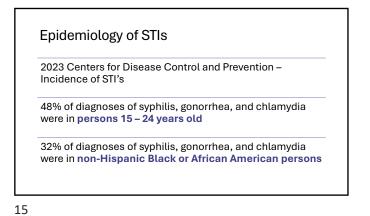


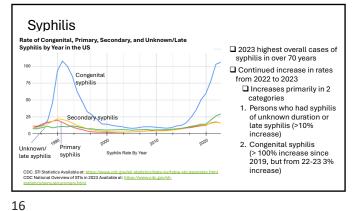


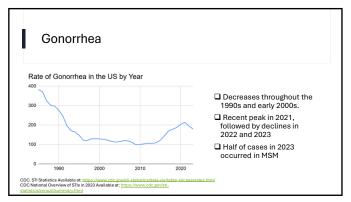


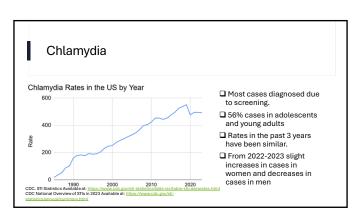
Epidemiology of Common STIs

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Centers for Disease Control and Prevention's STI Treatment Recommendations

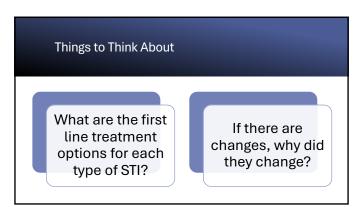
Syphilis

Gonorrhea G

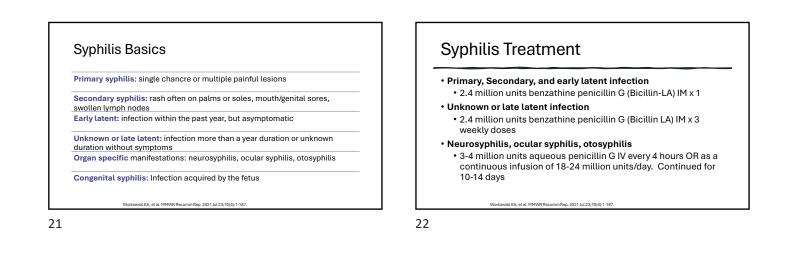
Chlamydia

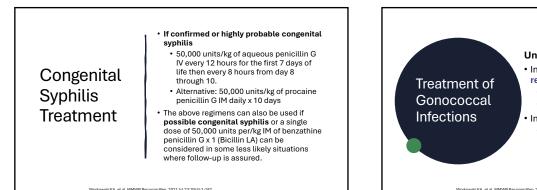
Other (pelvic inflammatory disease, trichomoniasis, bacterial vaginosis, genital warts & genital herpes simplex)

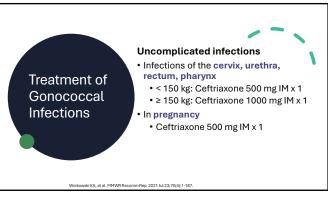
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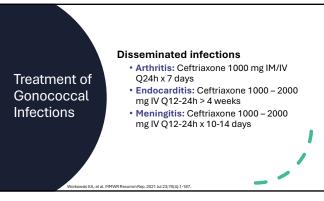
Treatment of Gonococcal Infections

Eyes

- Infections of the eye
 - Neonates and infants: Ceftriaxone 25-50 mg/kg IM/IV x 1 (max 250 mg)
 - Adolescents and adults: Ceftriaxone 1000
 mg IM x 1
- Ocular **prophylaxis** in neonates: erythromycin 0.5% ointment in each eye x 1 at birth













Trichomoniasis, Bacterial Vaginosis Treatments
 Pelvic Inflammatory Disease (PID)

 V therapy Ceftriaxone 1000 mg IV Q24H + Doxycycline 100 mg PO/IV Q12h + Metronidazole 500 mg PO/IV Q12h. (Can also use doxycycline with either cefotetan or cefoxitin) transitioned to oral therapy once able to complete 14 total days of therapy.

 Trichomoniasis

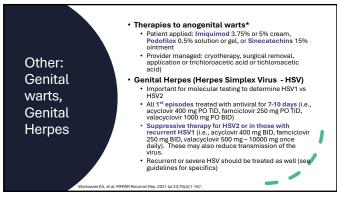
 metronidazole for treatment. Females 500 mg PO BID x 7 days, while males currently only a single dose of 2 grams orally is recommended. Pregnant individuals should be treated.

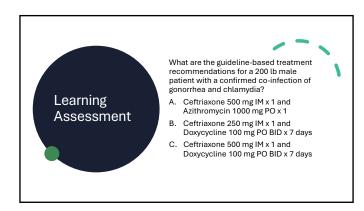
 Bacterial Vaginosis

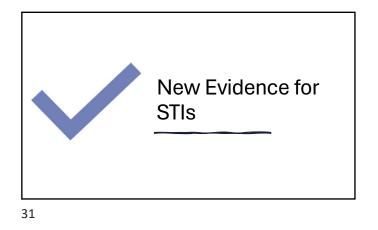
 Metronidazole 500 mg PO BID x 7 days or as 0.75% gel daily x 5 days OR clindamycin 2% cream nightly x 7 days.

 Wetweek KA, et al. MMWR Recommence. 2021 Jal 23.70(4):1-187.

Other Pelvic Inflammatory Disease,







New at Home OTC Screening Tests for STIs



- Part 1 antibody blood syphilis test (NOWDiagnostics) FDA authorized for at home OTC use - August 2024
- Home collection kit and at home test for women to test for chlamydia, gonorrhea, and trichomoniasis (VisbyMedical)– March 2025.

 In Nov 2023 FDA authorized an at home sample collection for chlamydia and gonorrhea (required sample to be sent in).

