Prenatal Syphilis Screening, Staging, and Management for Congenital Syphilis Prevention Screen all patients at the first prenatal visit and again at 28-32 weeks' gestation Initial diagnosis requires both a non-treponemal test (RPR, VDRL), and confirmatory treponemal test (TP-PA, FTA-ABS, or EIA/CIA) Screen RESCREENING IF FIRST SYPHILIS DIAGNOSIS AT INITIAL PRENATAL SCREENING **TEST IS NEGATIVE** Rescreen all patients at Primary +Chancre Neurosyphilis/ 28-32 weeks gestational Late-Latent Ocular/ Otic 3 age (regardless of risk).4 + Rash and/or other NO symptoms, and Secondary sians1 infection does not or +CNS sian or Rescreen at delivery unless meet criteria for symptoms at low risk AND tested Unknown Stage early latent2 NO symptoms and negative in third trimester. Duration + CSF findings on **Early-Latent** infection occurred Risk factors include: lumbar puncture (LP) within one year2 Missed 28-32 week rescreen Benzathine penicillin G Aqueous Benzathine penicillin G · Lives in high morbidity area penicillin G 2.4 Million Units IM every 7 days, 2.4 Million Units, Intramuscularly (IM) HIV-positive for 3 doses (7.2 mu total) 3-4 Million Units Once Intravenously every 4 · STI diagnosed in past 12 months Treat A 6-8 day interval is acceptable. If any hours for 10-14 days doses are late or missed, restart the entire Illicit substance use 3-dose series. Reports sex exchange for If treated at/prior to 24 weeks' gestation, wait at least 8 weeks to repeat syphilis titers money, drugs, food/shelter unless symptoms or signs for primary/secondary stage are present or treatment failure Homelessness/unstable housing is suspected. Titers should be repeated for all patients at delivery. Monitor Incarceration in past 12 months Post-treatment serologic response during pregnancy varies widely. Many women do not experience a fourfold decline by delivery. If sustained (>2 weeks) fourfold · Multiple sex partners, or increase occurs after treatment completion, evaluate for reinfection and neurosyphilis. partner with other partners

1. Signs of secondary syphilis also include condyloma lata, patchy alopecia, and mucous patches.

4. 28 weeks gestation recommended by the Centers for Disease Control and Prevention 2021 STI treatment guidelines.

- 2. Persons can receive a diagnosis of early latent if, during the prior 12 months, they had a) seroconversion or sustained fourfold titer rise (RPR or VDRL); b) unequivocal symptoms of primary and secondary syphilis, or c) a sex partner with primary, secondary, or early latent syphilis.
- symproms or primary and secondary sypnilis, or c) a sex partner with primary, secondary, or early latent sypnilis.

 3. Neurosyphilis, coulor, and oftic syphilis can occur at any stage, Patients should receive a neurologic exam including ophthalmic and otic; CSF evaluation recommended if
- recursosymins, country, and not symmiscan occur at any stage, realens should receive a neurologic extain including opinioninc and only CSF evaluation net only stage. Providing the stage of the stage o

Important Considerations for Syphilis Treatment in Pregnancy

Screen early, treat as soon as possible

Treatment failure, and subsequent congenital syphilis, has been associated with a later gestational age at time of treatment.

Treatment is safe and highly effective

Prenatal therapy treats both mother and fetus; effectiveness approaches 100%.

Benzathine Penicillin G (or Bicillin-LA) is the ONLY recommended therapy for pregnant women infected with syphilis.

Someone with signs, symptoms, or exposure to syphilis should receive treatment for early disease regardless of whether serology results are available.

ADDITIONAL RESOURCES

- For detailed treatment guidelines, including penicillin allergy recommendations see the CDC 2021 STI Treatment Guidelines: https://www.cdc.gov/std/treatment-guidelines
- For clinical questions, enter your consult online at the STD Clinical Consultation Network: www.stdccn.org

What if my patient is allergic to penicillin?

- Verify the nature of the allergy. Approximately 10% of the population reports a penicillin allergy, but less than 1% of the whole population has a true IgE-mediated allergy.
- Symptoms of an IgE-mediated (type 1) allergy include: Hives, angioedema, wheezing and shortness of breath, and anaphylaxis. Reactions typically occur within 1 hour of exposure.
- Refer for penicillin skin testing if the nature of the alleray is uncertain or cannot be determined.
- Refer for desensitization with penicillin if the skin test is positive or the patient has a true penicillin allergy.
- Desensitization should be performed in a hospital.
 Serious alleraic reactions can occur. Consult an alleraist.
- Treat the patient with benzathine penicillin G. Treat according to appropriate stage of syphilis (see opposite page for treatment regimen).

FOR MORE INFORMATION ABOUT IgE-MEDIATED PENICILLIN ALLERGY: www.cdc.gov/antibiotic-use/community/pdfs/penicillin-factsheet.pdf www.cdc.gov/std/treatment-guidelines/penicillin-allergy.htm

Sources