



Tackling Congenital Syphilis in New York State: Clinical Guidelines, Epidemiology, and Strategies for Elimination

Featuring:

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Syphilis in Pregnancy and Congenital Syphilis in NYS

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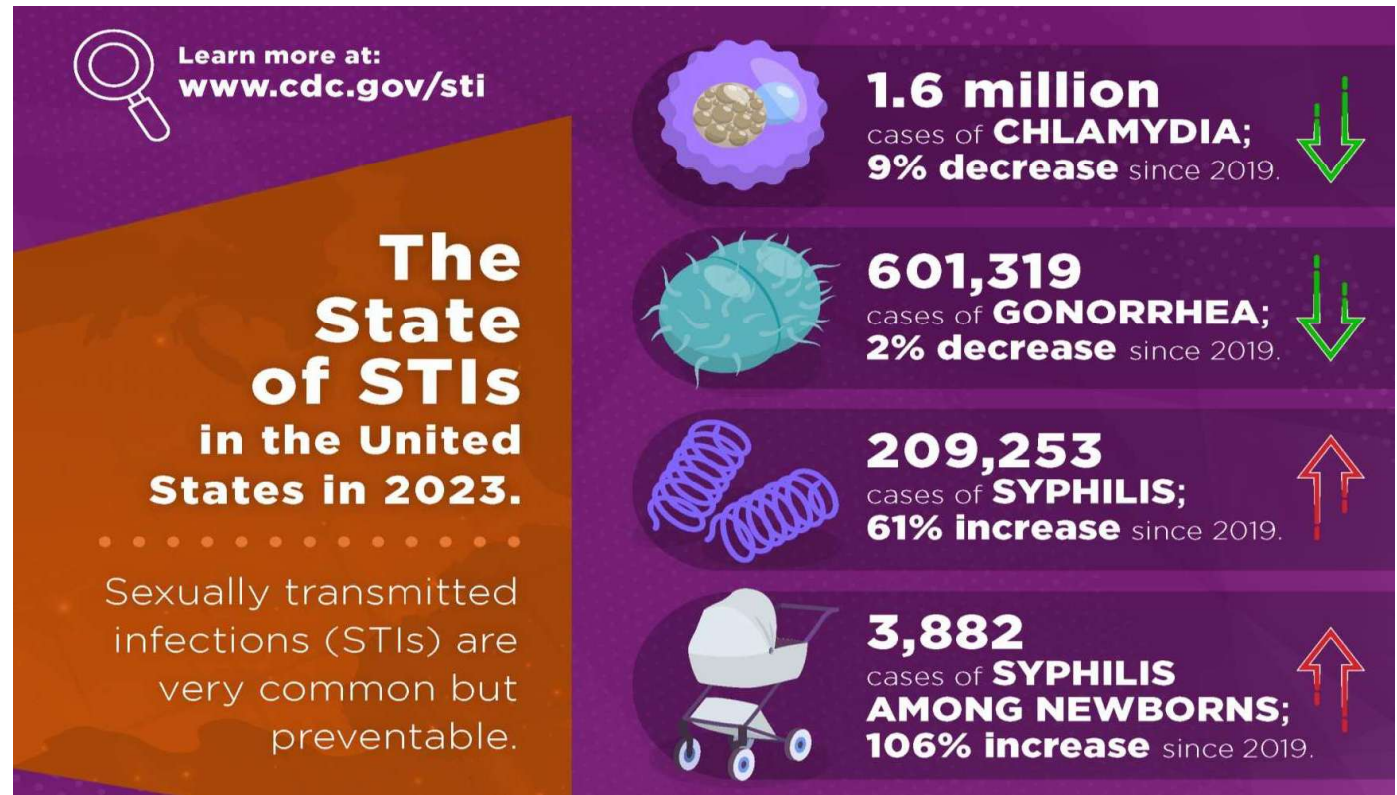
University of Rochester School of Medicine & Dentistry

Monroe County Sexual Health Clinic

CEI Sexual Health Center of Excellence



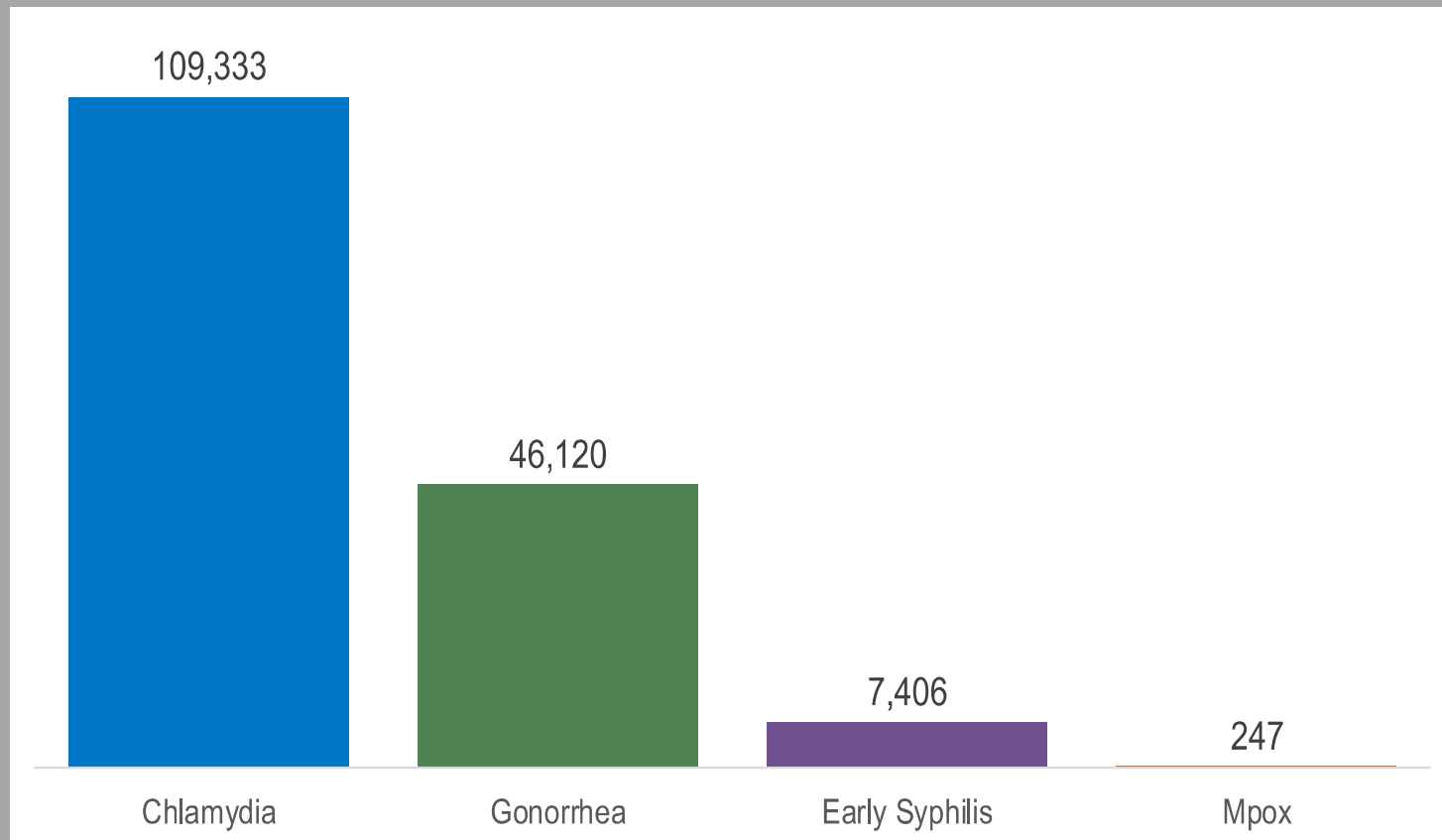
National Trends



COMMUNITY HEALTH CARE ASSOCIATION of New York State chcanys.org

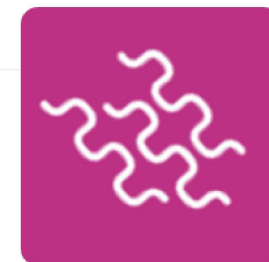
Sexually Transmitted Infections Surveillance, 2023. CDC, 2024. <https://www.cdc.gov/sti-statistics/annual/index.html>

In 2023, chlamydia remained the most reported sexually transmitted infection in New York State, followed by gonorrhea and early syphilis.



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Syphilis



Pathogen

- *Treponema pallidum* spp. *Pallidum*; a spirochete
- Can affect virtually every organ with a myriad of clinical manifestations via local invasion, then dissemination
- Can have long periods of latency
- Maternal fetal transmission → congenital syphilis



Clinical Manifestations

- Primary – chancre
- Secondary – adenopathy, mucocutaneous lesions, alopecia, hepatitis, etc.
- Early or late-latent (asymptomatic)
- Neuro/ocular/otic
- Congenital



Diagnosis

- Serology (algorithms combine treponemal specific and non-specific tests)
- Dark-field microscopy
- Histopathology stains



Treatment

- Long-acting benzathine penicillin
- Intravenous penicillin
- Doxycycline
- Ceftriaxone

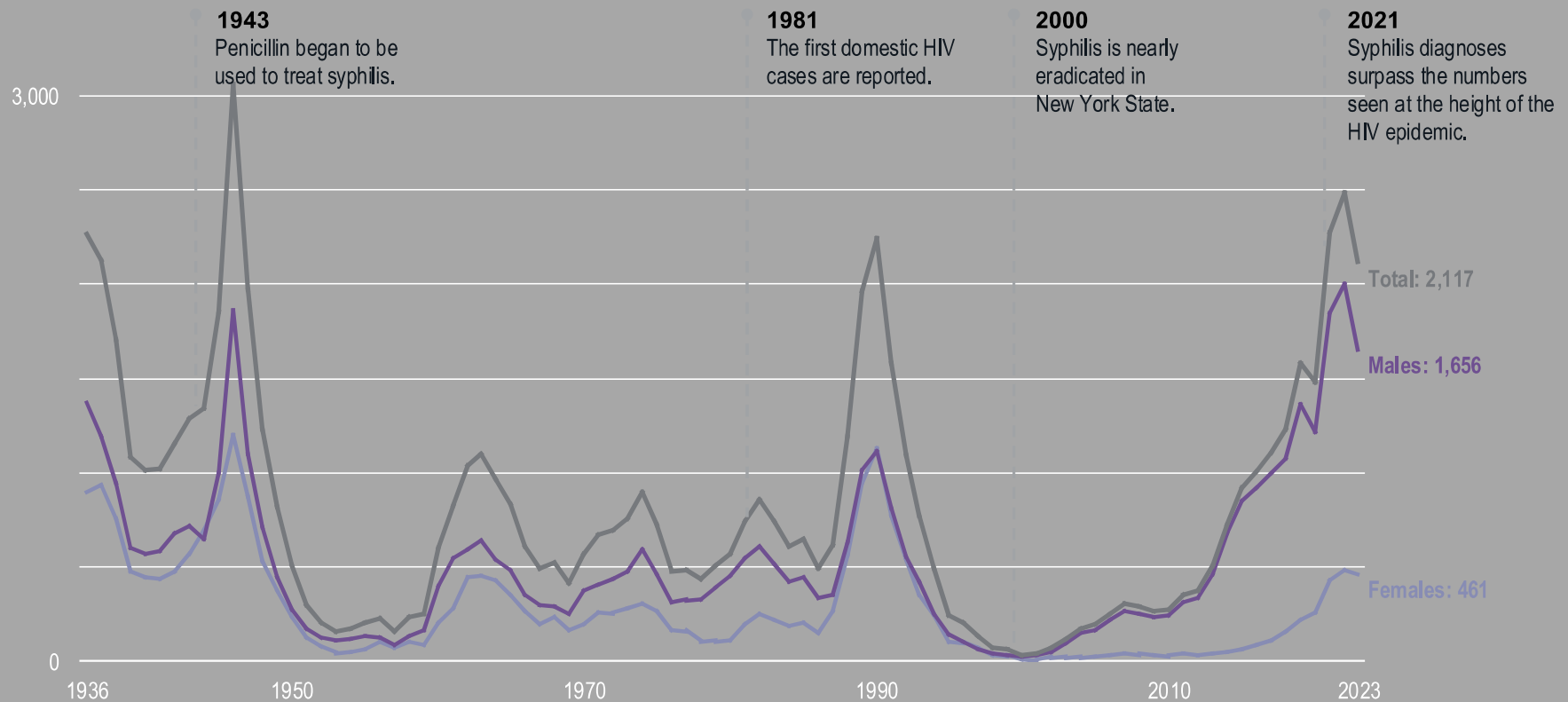
Congenital Syphilis



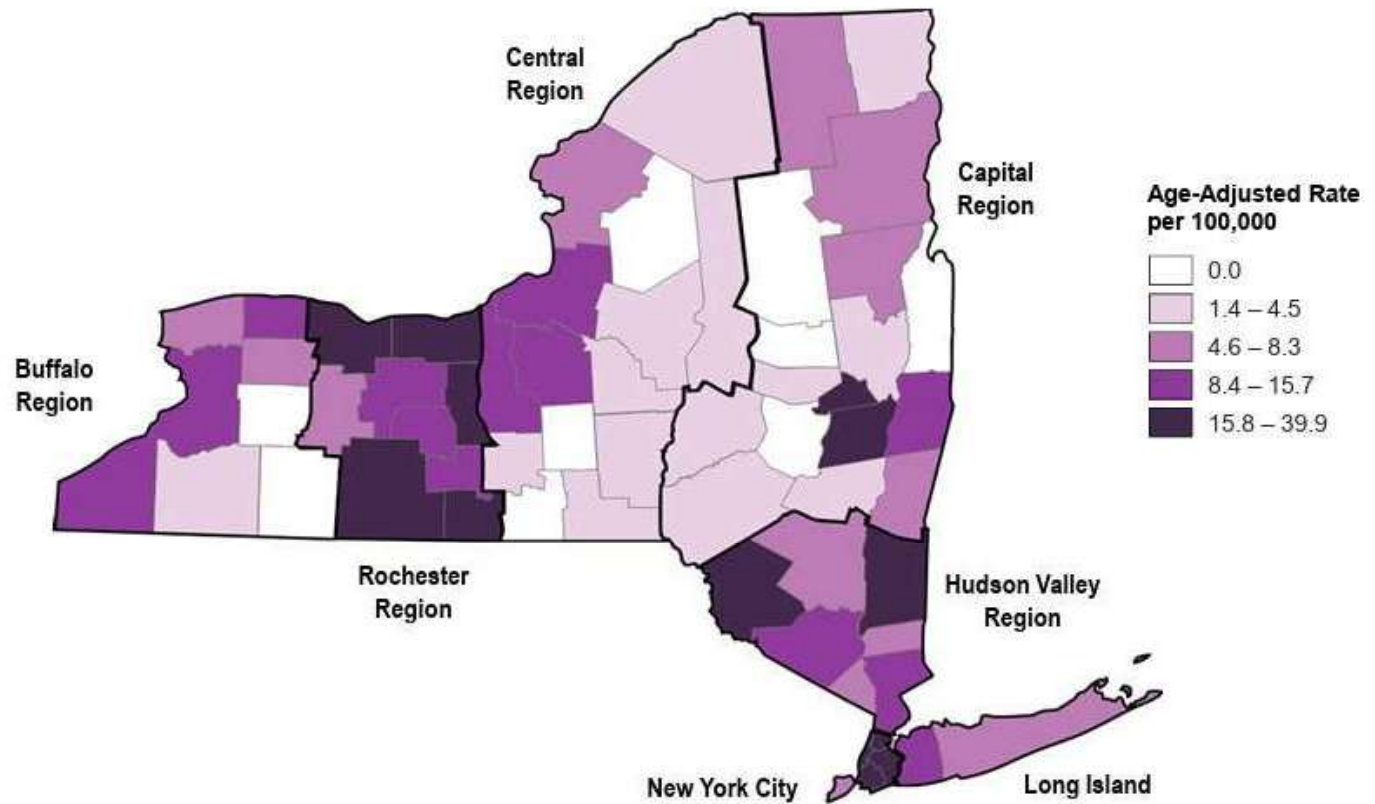
- Occurs when *T. pallidum* is transmitted during pregnancy to the fetus
- May lead to stillbirth, neonatal death, sepsis, deafness and other neurologic impairments, and bone deformities
 - Wide spectrum of severity exists
 - Only severe cases are clinically apparent at birth

After surging for the third time in a century, the number of early syphilis diagnoses decreased in 2023.

Comparison of historic early syphilis diagnoses by sex at birth, New York State (excl. New York City), 1936 – 2023



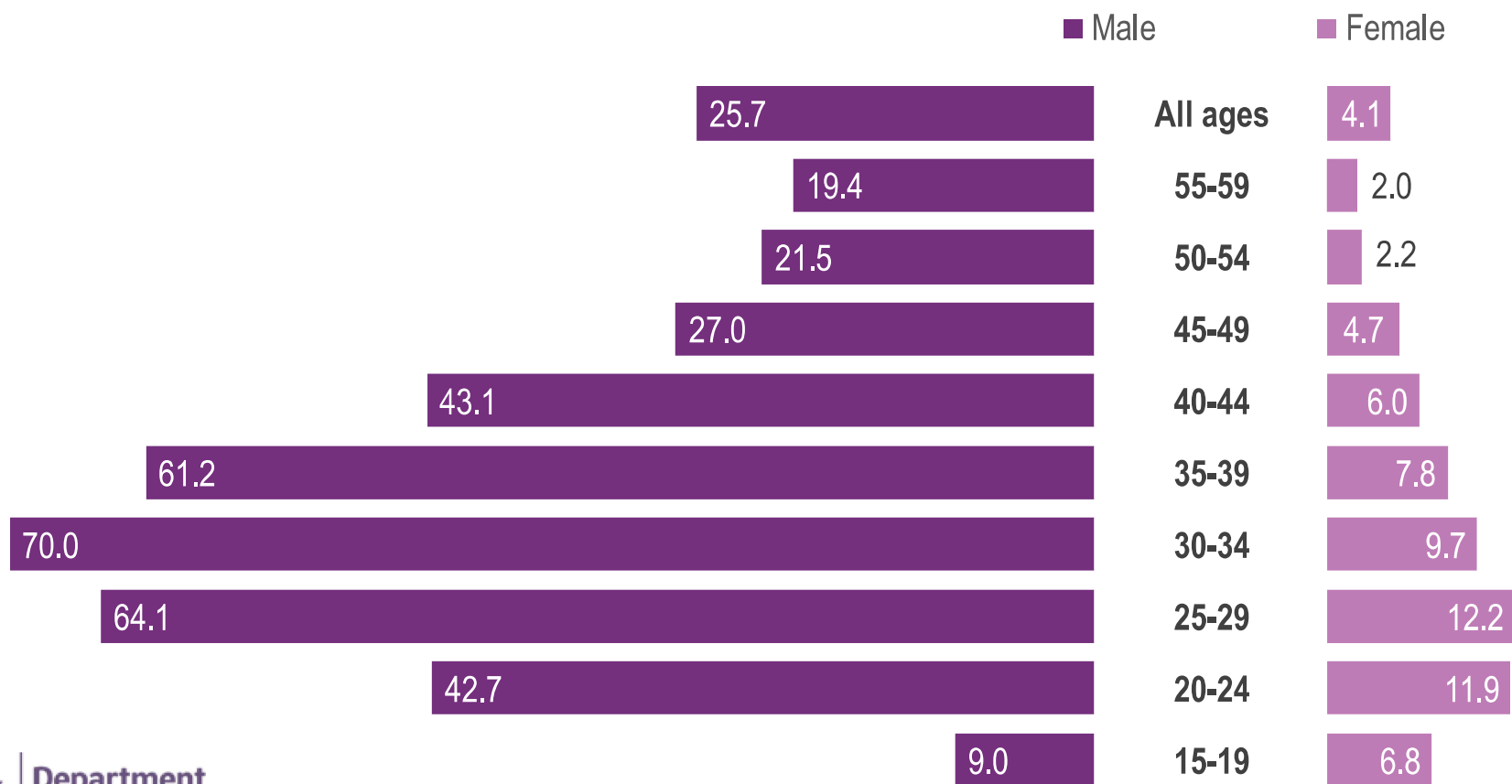
In 2023, primary and secondary syphilis rates were concentrated in the Rochester Region and New York City.



Rates are per 100,000 persons and age-adjusted.

Among males, the highest primary and secondary syphilis rates were in those aged 30-34 years, and among females, rates were highest for those aged 20-29 years.

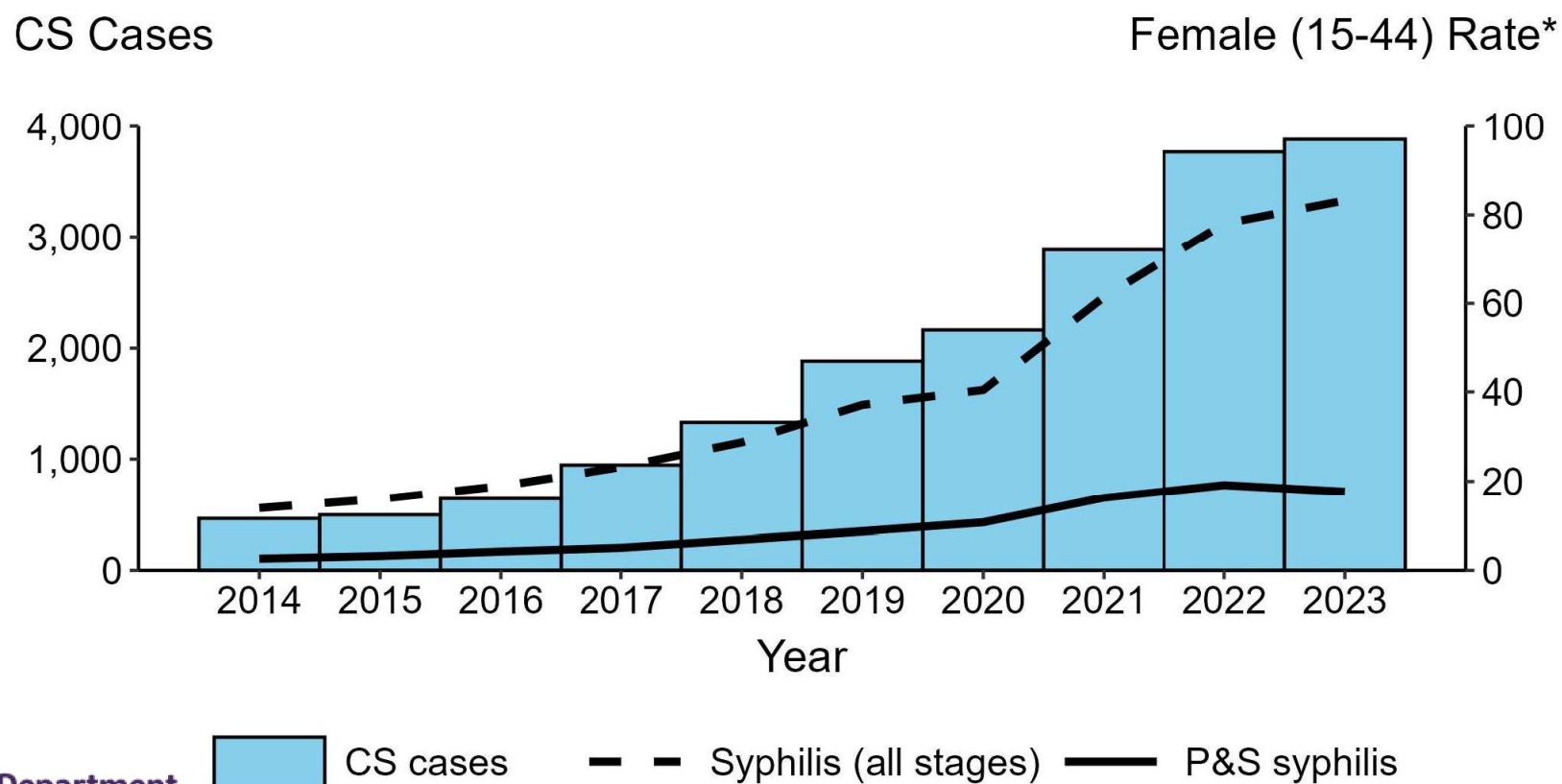
Primary and secondary syphilis rates by age and sex at birth, New York State, 2023



Syphilis National Epidemiologic Trends, 2023

- From 2019 to 2020, **cases of primary and secondary syphilis in women increased exponentially** compared to pre-pandemic numbers
 - Cases since sustained between 25,000-35,000 P&S syphilis annually
- Factors associated with rising cases among women:
 - Substance use (index patient or partner)
 - Overlapping sexual networks

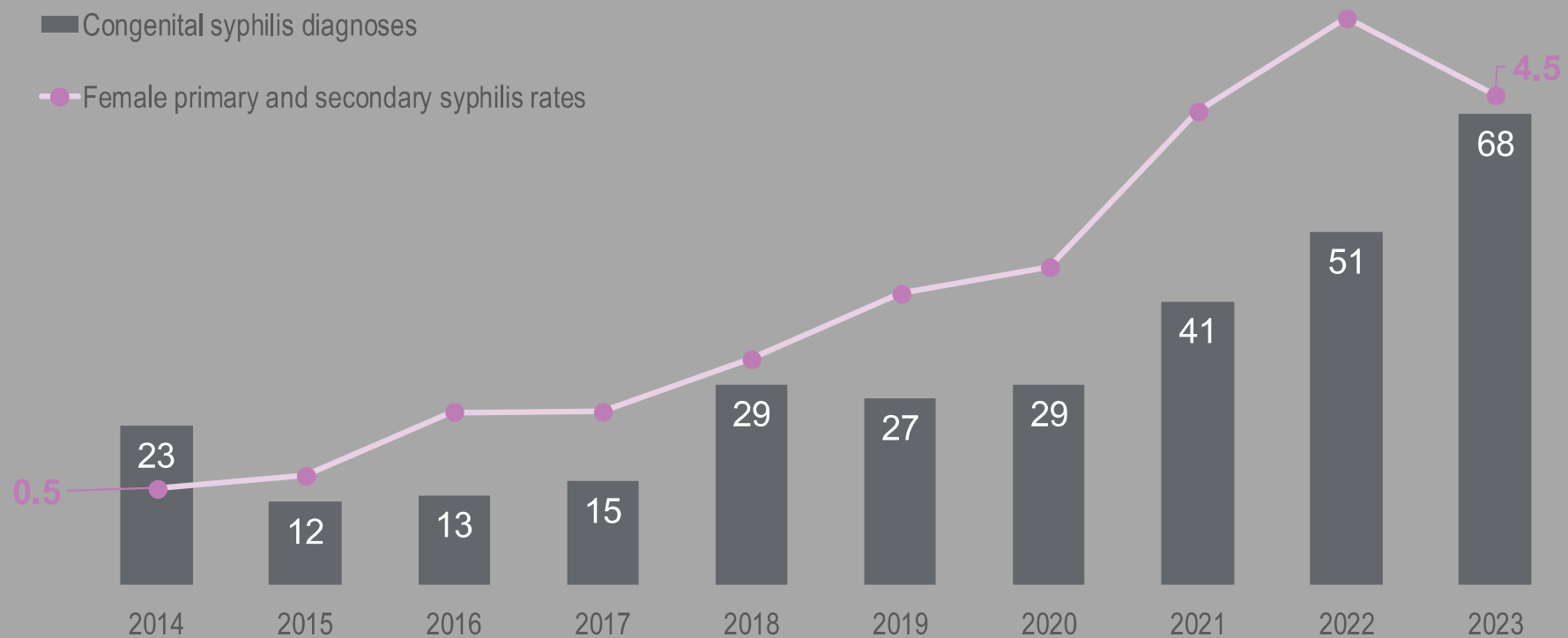
Nationally, congenital syphilis diagnoses continue to increase.



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The increase in primary and secondary syphilis rates among females over the past ten years corresponds with the increase in the number of newborns with syphilis (congenital syphilis).

Congenital syphilis diagnoses vs. primary and secondary syphilis rates among females, New York State, 2014– 2023



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Rates are per 100,000 persons and age-adjusted. Includes those assigned female sex at birth.



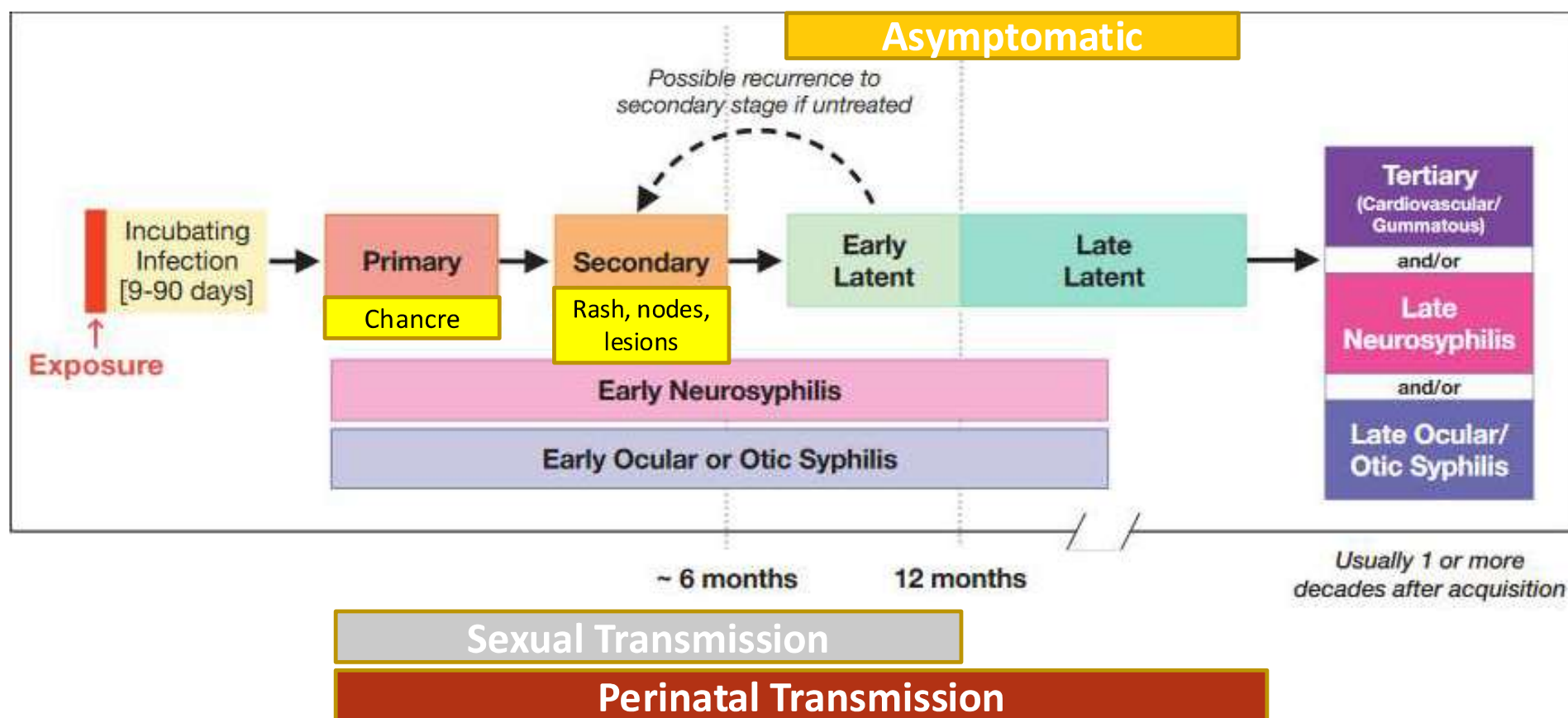
Clinical Evaluation

Diagnosis and Testing

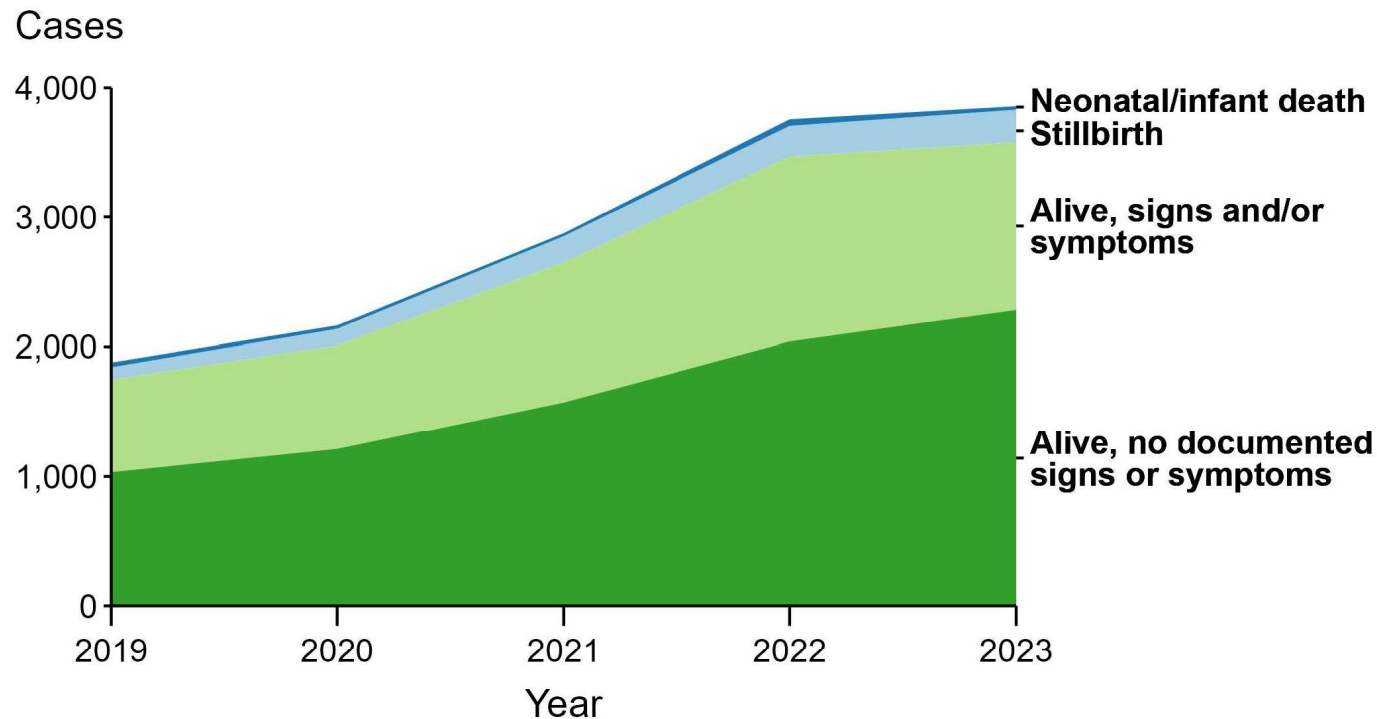
Treatment and Follow-Up

Screening Guidelines in Pregnancy

Signs & Communicability Vary By Stage



Congenital Syphilis — Reported Cases by Vital Status and Clinical Signs and Symptoms* of Infection and Year, United States, 2019–2023

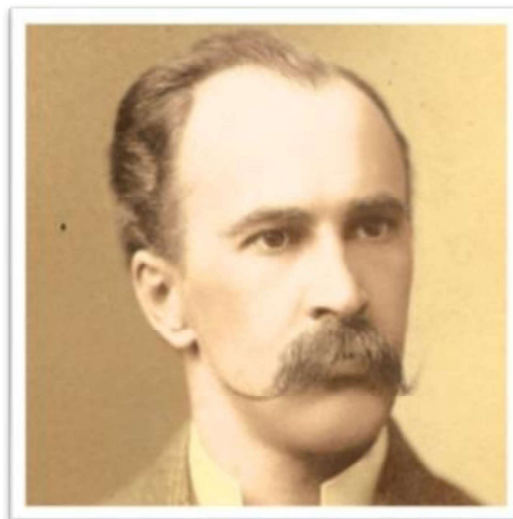
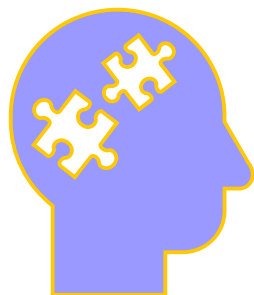


* Neonates/infants with signs and/or symptoms of congenital syphilis (CS) have documentation of at least one of the following: long bone changes consistent with CS, snuffles, condylomata lata, syphilitic skin rash, pseudoparalysis, hepatosplenomegaly, edema, jaundice due to syphilitic hepatitis, reactive CSF-VDRL, elevated CSF WBC or protein values, or evidence of direct detection of *T. pallidum*.

NOTE: Of the 14,579 congenital syphilis cases reported during 2019 to 2023, 53 (0.4%) did not have sufficient information to be categorized.

Syphilis – Unmasking the Diagnosis

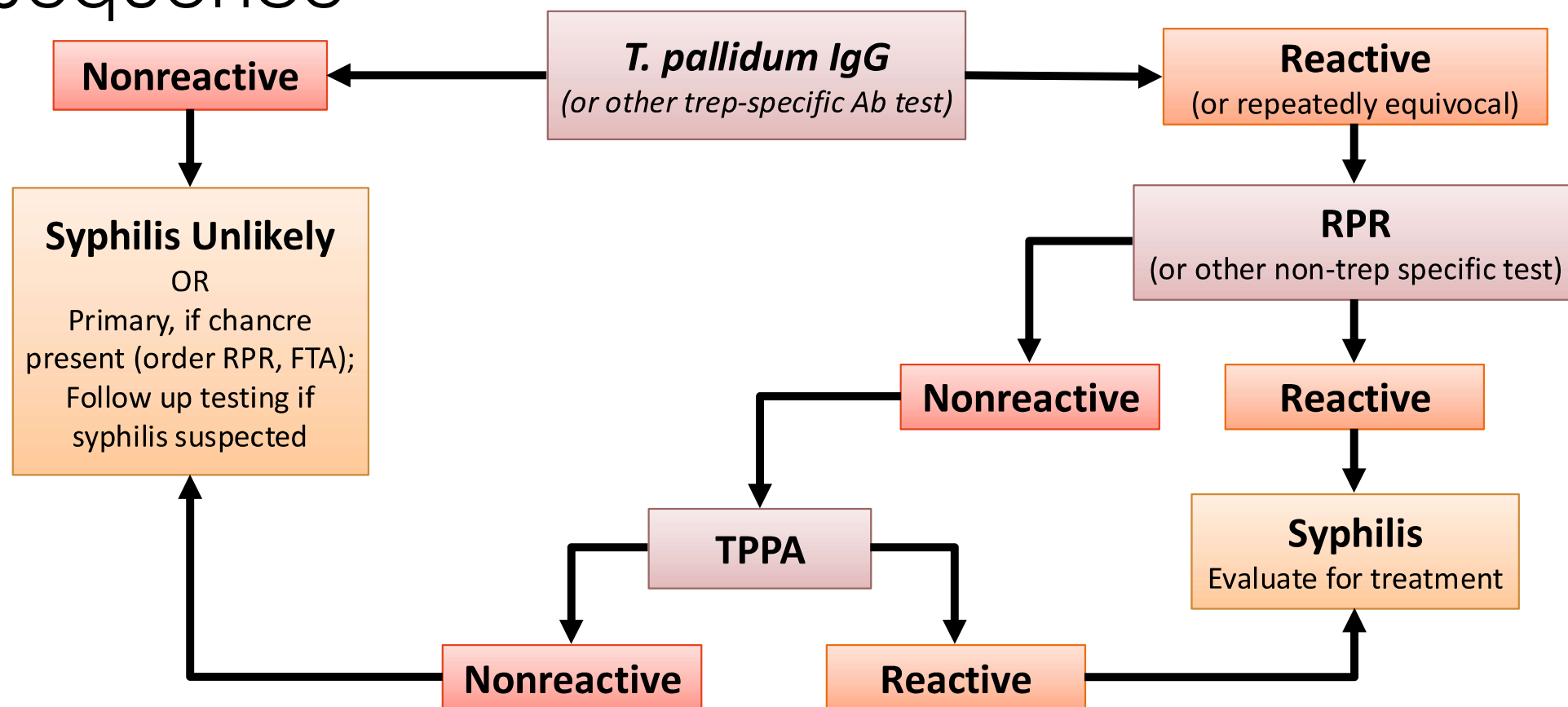
Clinical Presentation + Serologic Testing



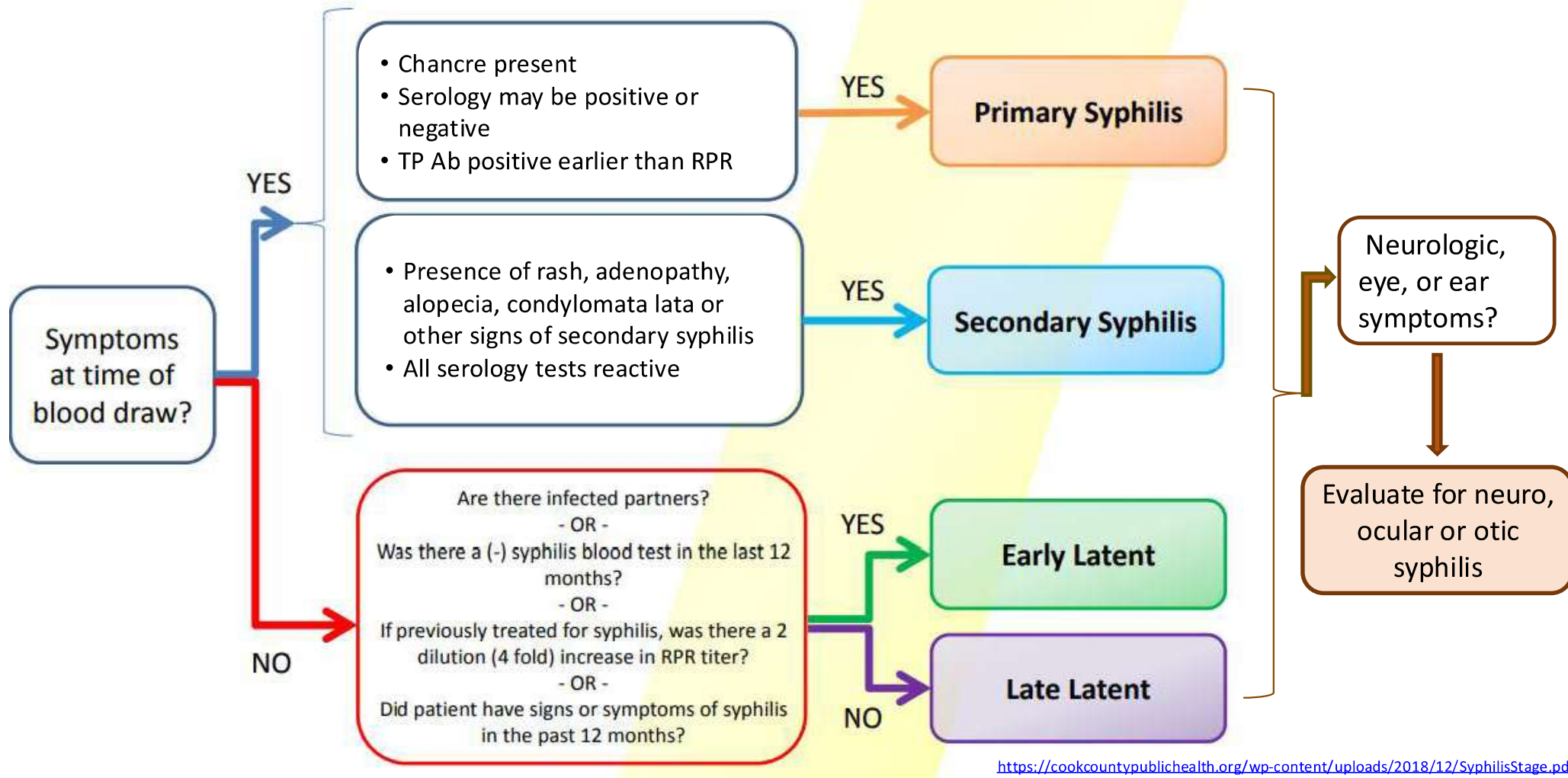
Sir William Osler

Image Credit:
ACPOne.org

Syphilis Screening Algorithm: Reverse Sequence



Syphilis Staging Algorithm



Treatment and Follow-Up



The **ONLY** recommended treatment for
syphilis in pregnancy is penicillin

Recommended Treatment of Syphilis in Pregnancy

Primary
Secondary
Early latent

- 2.4 million units IM long-acting benzathine penicillin x1 dose (2 doses if abnormal ultrasound)
- Sexual partners need treatment for incubating syphilis, regardless of test results, if last exposure was within 90 days

Late latent
Unknown Duration

- 2.4 million units IM long-acting benzathine penicillin weekly for 3 weeks
- Sexual partners should be tested, treat if positive; Sexual partners should be tested and treat if positive; for exposure to latent-unknown duration, sex partners should be tested and treated regardless of results if exposed within 90 days

Neurosyphilis
Ocular syphilis
Otic syphilis

- 18-24 million units per day IV (in divided doses or continuous infusion) penicillin G for 10-14 days
- Depending on stage, additional doses of IM benzathine penicillin may be indicated

When treating pregnant patients, provide counseling on signs/symptoms of the Jarisch-Herxheimer reaction

Unique Aspects of Syphilis in Pregnancy

- Any pregnant person seropositive for syphilis is considered currently infected unless there is **clear documentation** of treatment history
- When multi-dose regimen is indicated, **no more than 9 days between benzathine doses**
- Only evidence-based treatment – Penicillin
 - Skin testing vs. desensitization depends on history/severity of allergy
- **Treatment MUST start >30 days prior to delivery** to be adequate to prevent CS in neonate

Managing Syphilis in Pregnancy - CDC Guidelines 2021

- Treatment:
 - Evaluate and treat partners according to stage of index patient and exposure
 - Fetal ultrasound ie.g., weeks gestation
- When to repeat titers:
 - If treated ≤ 24 weeks – At least 8 weeks after treatment (e.g. 32 weeks/3rd trimester) and at delivery (unless signs of primary or secondary syphilis)
 - If treated > 24 weeks – 3rd trimester (NYS law) and at delivery
- Most will not have a 4-fold decline by delivery, does not indicate treatment failure

CDC Congenital Syphilis Scenarios

1: Confirmed/Highly Probable

- Abnormal exam, lab, or placental path evidence of CS
- Full w/u with LP, CBC, LFTs, long bone films
- 10 days IV pen

2: Possible (neonatal titer \leq 4-fold mom's and normal exam)

- Mom not treated or inadequately treated, or treatment start <30 days prior to delivery
- Full w/u with LP, CBC, LFTs, long bone films
- 10 days IV pen, or single dose BPCN if all w/u normal and follow up is certain

3: Less likely (neonatal titer \leq 4-fold mom's and normal exam)

- Mom treated adequately during pregnancy, started ≥ 30 days prior to delivery, without evidence of re-infection
- No workup needed
- Single dose BPCN

4: Unlikely (neonatal titer \leq 4-fold mom's and normal exam)

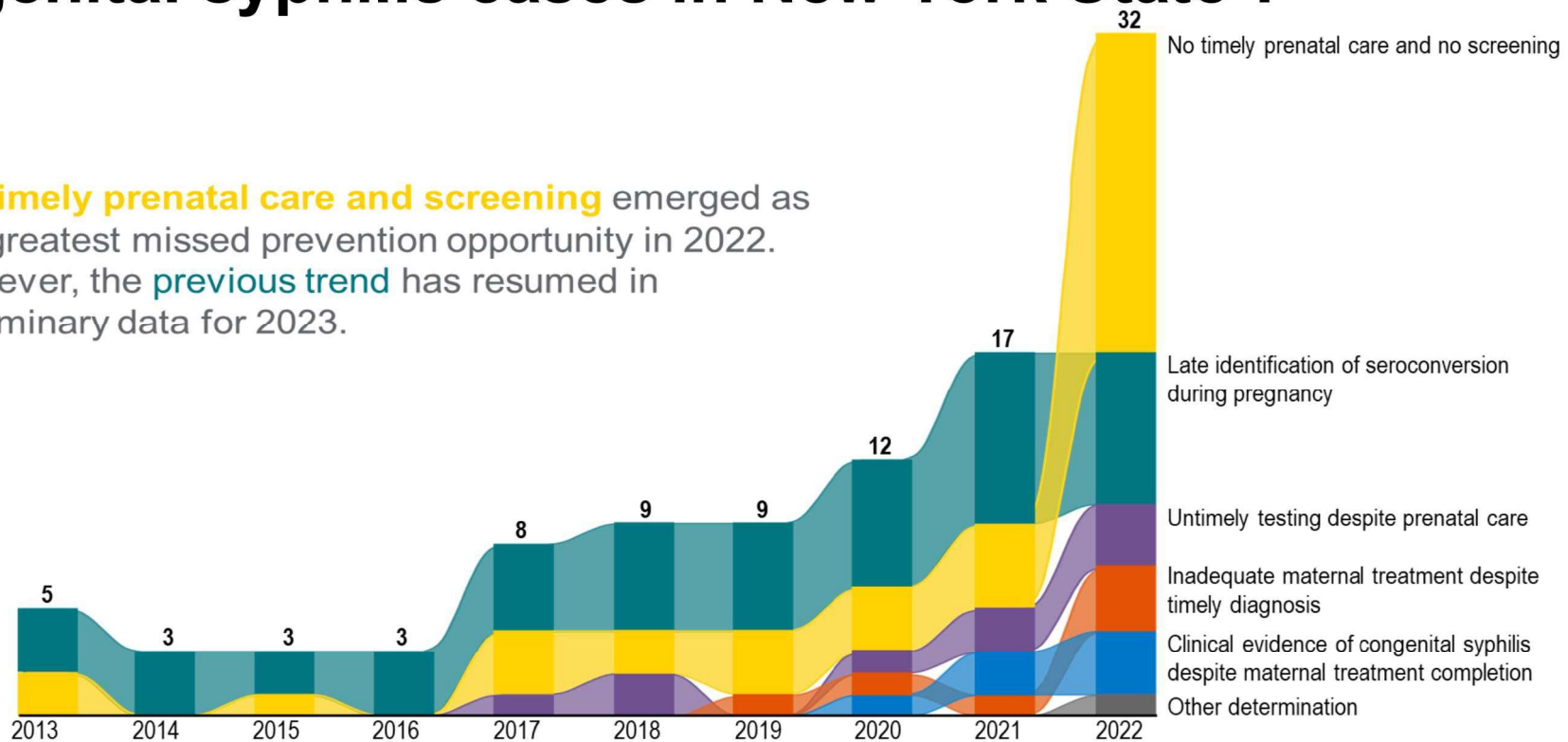
- Mom treated adequately for syphilis prior to pregnancy, AND remained serofast during pregnancy
- No workup needed
- No treatment required

Syphilis Screening during Pregnancy



Seroconversion later in pregnancy has been a major missed prevention opportunity among mothers of congenital syphilis cases in New York State*.

No timely prenatal care and screening emerged as the greatest missed prevention opportunity in 2022. However, the **previous trend** has resumed in preliminary data for 2023.



*Excludes New York City.

Prevent Congenital Syphilis with Timely Screening During Pregnancy

**TEST 3
TIMES!**

Three Screenings

First pre-natal visit

28 weeks (3rd trimester)

At delivery (3rd trimester)

NYS Public Health Law §2308:

Syphilis screening is required at the time of the first exam (e.g. first pre-natal visit)

Effective May 3, 2024, 3rd trimester screening is required for all

**Syphilis Screening
During Pregnancy:
New York State
Laws and
Regulations**

**Frequently Asked
Questions for Providers**



https://www.health.ny.gov/diseases/communicable/congenital_syphilis/providers/
<https://www.health.ny.gov/publications/21452.pdf>

FAQs Now Available! ⁶⁶

Syphilis Screening Recommendations – Non-Pregnant Adults and Adolescents

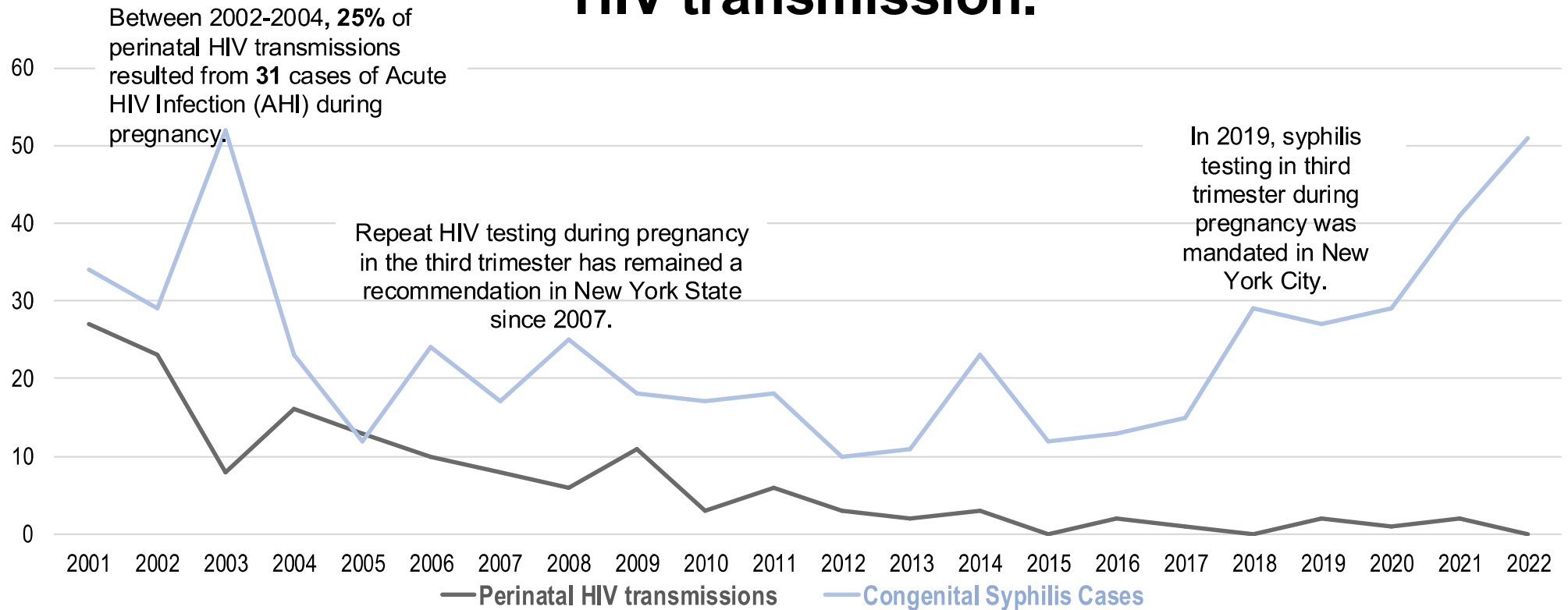
Population	Recommendation	Grade
Asymptomatic, nonpregnant adolescents and adults who are at increased risk for syphilis infection	The USPSTF recommends screening for syphilis infection in persons who are at increased risk for infection.	A

Community prevalence/incidence
 AMAB with AMAB sex partners
 Persons with HIV
 Anonymous partners
 Sex with drug use
 Transactional sex

Multiple partners

Substance use
 Incarceration
 Unstable housing
 Military service

New York State has been successful in eliminating perinatal HIV transmission.



We must dedicate the same resources & lessons learned from eliminating perinatal HIV transmission to eliminate congenital syphilis

Syphilis During Pregnancy: What You Need to Know



If you're pregnant, get tested for syphilis as soon as possible.



Visit <https://gettested.cdc.gov/> or contact your local health department:

Protect Your Baby

Get Tested for Syphilis



Your baby's health depends on your health.

Get tested for syphilis today.



Syphilis is an infection mothers can pass to their babies during pregnancy. It can make babies very sick, cause them to have ongoing health issues, and in some cases can lead to death.

Syphilis can be cured with the right medicine.

If it is not treated, syphilis can pass from mother to baby.

This is called congenital syphilis.

It's best to get tested for syphilis 3 times during your pregnancy.



Get Tested as Soon as Possible

You may not know you have syphilis.
Anyone who has sex can get syphilis. Many people with syphilis do not have any symptoms. The only way to know is to get tested.



You should get tested **3 times** during your pregnancy:



At your first doctor's visit or as soon as possible during pregnancy

- Even if you've been tested for syphilis in the past, you should be tested when you become pregnant.
- If you have syphilis, your sex partners need to be tested and treated too, or you might get it again.



During your third trimester (or 3 months before your due date)

- It is possible to get syphilis later in pregnancy or again, so you should get tested a second time when you're around 28 weeks pregnant.



At the hospital when you have your baby

- It is possible to get syphilis later in pregnancy or again, so testing at delivery is very important.

Quick Treatment Can Protect Your Baby

If you have syphilis, you need to be treated **right away.**

To make sure your baby does not get syphilis, it is important to get your medicine as soon as possible.

If you miss appointments, your medicine might not work as well. Sometimes, medicine can be given one time right when you find out you have syphilis. Sometimes, you may have to go to a different doctor to get your medicine or come back for more doses.



Let your doctor or nurse know if you can't get your medicine for any reason. They will work to get you the medicine you need to stay healthy and protect your baby.

The consequence of untreated congenital syphilis is too high.

Without medicine, congenital syphilis can cause:

- A baby to be born early or small
- A baby to have lifelong health problems
- Miscarriage, stillbirth, or newborn death





The New York State Department of Health Congenital Syphilis Response Team is working with birthing hospitals

- The first-ever Congenital Syphilis Sentinel Event Letters went out starting the end of June of 2023



- All birthing hospitals in which a congenital syphilis case was reported in 2023 have been notified with recommended action to conduct a root cause analysis.



Regarding: Congenital Syphilis Occurrence [REDACTED]

[REDACTED]

With the sustained increases in syphilis and congenital syphilis nationally and in New York State (NYS), a top priority of the AIDS Institute is to stem the increasing tide of congenital syphilis. In support of this effort, the AIDS Institute plans to partner with facilities around the state where a case of congenital syphilis has been reported to facilitate sustained, consistent, equitable, and timely access to care for impacted families and communities.

Untreated syphilis during pregnancy resulting in a case of congenital syphilis is a sentinel event – a serious, preventable patient safety or clinical occurrence that may result in devastating health outcomes, including syphilitic stillbirth, neonatal death, or severe or permanent harm. The New York State Department of Health (NYSDOH) responds to these sentinel events with timely investigation/review and has issued several Health Advisories¹ and a [Dear Provider Letter](#) regarding significant increases in syphilis, including alarming increases in congenital syphilis. The NYSDOH investigations of congenital syphilis cases are conducted to identify systems, processes, and conditions which caused and/or contributed to the resultant outcome. These investigations/reviews are conducted under the NYSDOH's authority pursuant to Public Health Law (PHL) Article 21 and 10 NYCRR Part 2 as part of public health surveillance, epidemiologic and patient follow-up. Subsequent recommendations and corrective action, if indicated, may be issued by the NYSDOH.

As part of the forementioned review, three recent congenital syphilis cases were identified from your facility. Information on these cases is provided in Attachment A. The NYSDOH recommends that your facility, in collaboration with staff from the ambulatory and inpatient settings involved in the care of the affected person and/or family, perform a root cause analysis (RCA). RCA findings should be disseminated as appropriate. The RCA should guide the development, implementation, and evaluation of actions taken by your facility to reduce the risk of congenital syphilis.

CEI Congenital Syphilis Prevention Program

Program Objectives:

- Congenital syphilis clinical case reviews and follow up
- Provide recommendations to DIS and clinical providers
- Case Conferencing (internal and with Stakeholders)
- Provide training opportunities

Team:

Marguerite Urban, MD
Geoff Weinberg, MD
Melinda Godfrey, FNP-C
Daniela DiMarco, MD, MPH



cei Line
1-866-637-2342

ASK AN EXPERT

CLINICAL INQUIRY FOR: HIV • HCV • DUH • STI • PEP • PREP

For clinical inquiries on syphilis and other STI related questions, dial **1-866-637-2342** then:



Press 6, then Press 1

to speak with a pediatric ID specialist about syphilis in newborns



Press 6, then Press 2

to speak with an adult ID specialist about syphilis, syphilis in pregnancy, and other STI related questions



www.ceitraining.org

Screening for STIs, HIV, and Hepatitis B/C during Pregnancy in NYS

Infection	1st Prenatal Visit	3rd Trimester	Delivery	Screening Test
Syphilis ^A	Everyone	Everyone	Everyone	Syphilis Serology
Gonorrhea [*]	If <25, or ≥25 at risk	If at risk	N/A	GC NAAT
Chlamydia [*]	If <25, or ≥25 at risk	If <25, or ≥25 at risk	N/A	CT NAAT
HIV	Everyone	Everyone	If not tested during this pregnancy or at risk	HIV-1/2 Ab/Ag
Hepatitis B ^A	Everyone	N/A	If not tested during this pregnancy or at risk	HBsAg
Hepatitis C ^A	Everyone	If not tested during this pregnancy or at risk	If not tested during this pregnancy or at risk	HCV Ab with reflex to HCV RNA

^ATesting mandated by NYS Public Health Law.

^{*}Repeat screen 3 months after treatment of documented gonorrhea or chlamydia infection during pregnancy.

Risk factors for STI/HIV and hepatitis B and C may include: History or current diagnosis of an STI; new partner(s); pregnant person or partner with multiple partners; sex partner with an STI; condomless sex not in a tested negative mutually monogamous relationship; transactional sex; history of incarceration; pregnant person or partner with injection drug use; high incidence/prevalence setting.

Compiled from NYS, USPSTF, and CDC screening guidelines and NYS public health laws and regulations.

CEI line information: 1-866-637-2342

Press 6, then Press 1 to speak with a pediatric ID specialist about syphilis in newborns

Press 6, then Press 2 to speak with an adult ID specialist

about syphilis, syphilis in pregnancy, and other STI related questions



Prevent Congenital Syphilis with Timely Screening, Diagnosis, and Treatment during Pregnancy

1. TEST [*]	2. STAGE	3. TREAT	4. MONITOR [*]
<p>Test all patients at the first prenatal visit, the third trimester, and at delivery</p> <p>Use a combination of treponemal specific (e.g. EIA, TPPA) and non-specific tests (e.g. RPR), or a high clinical index of suspicion for primary syphilis, to make the diagnosis</p>	<p>Primary: Chancre</p> <p>Secondary: Rash, alopecia, adenopathy, condylomata lata, and/or other mucocutaneous findings</p> <p>Early-Latent: Asymptomatic, and infection occurred within one year of diagnosis</p> <p>Late-Latent or Unknown: Asymptomatic, and infection occurred over one year ago or duration is unknown</p> <p>Neurosyphilis can occur at any stage</p>	<p>Primary, Secondary & Early-Latent: Benzathine penicillin G 2.4 million units IM, single dose</p> <p>Late-Latent or Unknown Duration: Benzathine penicillin G 2.4 million units IM weekly for 3 weeks.</p> <p>Neurosyphilis: Aqueous penicillin G, 3-4 million units IV every 4 hours for 10-14 days</p>	<p>If treatment ≤ 24 weeks gestation: Repeat syphilis titer 8 weeks after treatment, at the third trimester, and at delivery</p> <p>If treatment > 24 weeks gestation: Repeat testing at the third trimester and at delivery</p> <p>Test sooner if concern for reinfection or treatment failure</p> <p>Titers can fluctuate in pregnancy (4-fold decline may not be seen prior to delivery); a rising titer should be confirmed with repeat testing 2 weeks later</p>

Special Considerations in Pregnancy

When syphilis is diagnosed in the second half of pregnancy: obtain a fetal ultrasound to evaluate for congenital syphilis and provide counseling on the Jarisch-Herxheimer reaction.

Consider more frequent screening based on patient/partner factors including: Multiple partners, sex in combination with drug use or transactional sex, late to or lack of prenatal care, methamphetamine or heroin use, incarceration, and unstable housing.

^{*}NYS law requires testing for syphilis at the first prenatal visit, the third trimester, and at delivery even if other syphilis monitoring tests are performed during pregnancy.



Resources



<https://www.cdc.gov/std/treatment-guidelines/>



2023 STI Surveillance Report

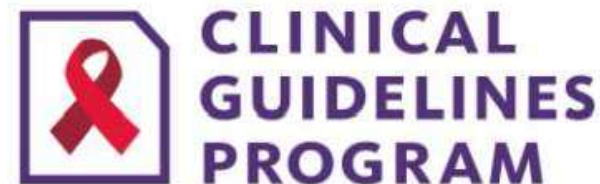
<https://www.cdc.gov/sti-statistics/annual/index.html>

Sexual Health: HIV and STIs



Shared Learning for
HIV & STI Prevention

<https://www.urccp.org/index.cfm?Page=PrEPing-For-Prevention>



<https://www.hivguidelines.org/>



<https://www.health.ny.gov/diseases/aids/general/statistics/>

QUESTIONS?

Contact us!

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Prevent Congenital Syphilis with Timely Screening, Diagnosis, and Treatment during Pregnancy

1. SCREEN	2. STAGE	3. TREAT	4. TEST
Screen pregnant women at first prenatal visit, between 28 weeks and 36 weeks, and at delivery.	Screening Test: RPR or VDRL. If positive, confirm with a confirmatory test (e.g., TPPA).	Primary Syphilis: Benzathine Penicillin G, 2.4 million units IM, single dose. If allergic, ceftriaxone 1g IV daily for 10-14 days.	Endorsed: RPR or VDRL. If positive, confirm with a confirmatory test (e.g., TPPA).
		Latent Syphilis: Benzathine Penicillin G, 2.4 million units IM, weekly for 3 weeks. If allergic, ceftriaxone 1g IV daily for 10-14 days.	Phylogenetic: 24 hours post-treatment, repeat RPR or VDRL.
		Neurosyphilis: Penicillin G, 18-24 million units IV daily for 10-14 days. If allergic, ceftriaxone 1g IV daily for 10-14 days.	Follow-up: RPR or VDRL at 3, 6, 12, and 24 months post-treatment.

Special Considerations to Pregnancy

When syphilis is detected in the second half of pregnancy, either a maternal or fetal infection is possible. Fetal infection can lead to stillbirth, prematurity, or neonatal death. Congenital syphilis can also lead to long-term complications for the child, including bone deformities, neurological damage, and hearing loss.

Screening for STIs, HIV, and Hepatitis B/C during Pregnancy in NYS

Screening	Screening	Screening	Screening
STIs	HIV	Hepatitis B	Hepatitis C
Screening: RPR or VDRL. If positive, confirm with a confirmatory test (e.g., TPPA).	Screening: HIV-1 antibody. If positive, confirm with a confirmatory test (e.g., Western blot).	Screening: HBsAg. If positive, confirm with a confirmatory test (e.g., HBsAb, HBeAg, HBeAb).	Screening: Anti-HCV. If positive, confirm with a confirmatory test (e.g., HCV RNA).
Timing: First prenatal visit, between 28 weeks and 36 weeks, and at delivery.	Timing: First prenatal visit, between 28 weeks and 36 weeks, and at delivery.	Timing: First prenatal visit, between 28 weeks and 36 weeks, and at delivery.	Timing: First prenatal visit, between 28 weeks and 36 weeks, and at delivery.

Notes:

- Screening for STIs, HIV, and Hepatitis B/C during pregnancy is recommended for all pregnant women.
- Screening for STIs, HIV, and Hepatitis B/C during pregnancy is recommended for all pregnant women who are at high risk for these infections.
- Screening for STIs, HIV, and Hepatitis B/C during pregnancy is recommended for all pregnant women who are at high risk for these infections.

Doxxy-PEP Implementation Guide for Clinicians

Doxycycline used as post exposure prophylaxis (Doxxy-PEP) is a new STI prevention tool proven to reduce bacterial STIs in some populations. Factors associated with STI acquisition include prior STIs, condomless sex with multiple partners, partners with bacterial STIs, substance use, sex in group settings, or transactional sex.

NYS AIDS Institute Clinical Guidelines Program Doxy-PEP Recommendations

Candidates for Doxy-PEP	Prescribing	Initiation and Maintenance
MSM and TGW who have sex with men ¹ (MSM who have sex with MSM persons)	Doxycycline (100 mg oral) 200 mg oral QID, later than 24 hours after exposure Must be taken every 6-12 hours after exposure Supplies: Individualized dosing, dependent on last oral dose (200 mg)	• HIV/STI screening every 3 months during therapy, genitourinary and chlamydia at all other visits • HIV screening at start, HIV screening at last visit • If exposed to gonorrhea or chlamydia, use after testing (if possible) or treat empirically
Men who have sex with women ² (MSM who have sex with MSM persons)	Doxycycline (100 mg oral) 200 mg oral QID, later than 24 hours after exposure Must be taken every 6-12 hours after exposure Supplies: Individualized dosing, dependent on last oral dose (200 mg)	• HIV/STI screening every 3 months during therapy, genitourinary and chlamydia at all other visits • HIV screening at start, HIV screening at last visit • If exposed to gonorrhea or chlamydia, use after testing (if possible) or treat empirically
Cisgender women and transgender men ³ (MSM who have sex with MSM persons)	Doxycycline (100 mg oral) 200 mg oral QID, later than 24 hours after exposure Must be taken every 6-12 hours after exposure Supplies: Individualized dosing, dependent on last oral dose (200 mg)	• HIV/STI screening every 3 months during therapy, genitourinary and chlamydia at all other visits • HIV screening at start, HIV screening at last visit • If exposed to gonorrhea or chlamydia, use after testing (if possible) or treat empirically

¹ A shared decision-making approach is recommended. Includes assessment of sexual history, risk of STI acquisition, and use of other STI prevention methods.

² Clinical trials showed significant reduction in bacterial STIs in this population who had a history of syphilis, gonorrhea or chlamydia.

³ These populations were not included in clinical trials but were included based on the use of Doxy-PEP.

⁴ Clinical trial showed no impact of Doxy-PEP on incident STIs in cisgender women. Some data suggest evidence to treat.

Doxxy-PEP is not 100% effective and does not protect against HIV.

Doxxy-PEP Implementation Guide for Clinicians

Prescribing	Initiation and Maintenance	Incident STIs and Exposure to Doxy-PEP
Doxycycline (100 mg oral) 200 mg oral QID, later than 24 hours after exposure Must be taken every 6-12 hours after exposure Supplies: Individualized dosing, dependent on last oral dose (200 mg)	• HIV/STI screening every 3 months during therapy, genitourinary and chlamydia at all other visits • HIV screening at start, HIV screening at last visit • If exposed to gonorrhea or chlamydia, use after testing (if possible) or treat empirically	• Treat incident STIs per CDC STI Treatment Guidelines • If exposed to HIV, test for HIV at 4-6 weeks, 3 months, and 6 months after exposure • If exposed to gonorrhea or chlamydia, use after testing (if possible) or treat empirically

Suggested Billing Codes

- 220.2 STI contact/treatment
- 211.2 STI screening
- 270.8 Other Sex Counseling
- 220.9 Contact to unspecified communicable disease

Resources
For Clinical Questions: CEI Line
1-888-637-3242

For more information, see the full NYS AIDS Institute Doxy-PEP Guidelines.
Use the QR code to download the full Doxy-PEP Guidelines.

Polling Questions:

1) Were you aware of rising cases of congenital syphilis before this presentation

1. Not at all familiar
2. Slightly familiar
3. Somewhat familiar
4. Moderately familiar
5. Extremely familiar

2) Were you aware of third trimester testing mandate.

1. Not at all familiar
2. Slightly familiar
3. Somewhat familiar
4. Moderately familiar
5. Extremely familiar

3) Is third trimester screening happening in organizations

1. Never used
2. Almost never
3. Occasionally/Sometimes
4. Frequently used
5. Almost every time

4) Most frequently encountered barriers to providing syphilis treatment – open text and then run the poll or incorporate the barrier

Barriers: access to testing, access to treatment, limited understanding of interpretation of test results, timely available of medications on site. social determinants such as transportation, mental health, substance use, working phone numbers.

1. Not a barrier
2. Somewhat of a barrier
3. Moderate barrier
4. Extreme barrier

5) Write in strategies to overcome barriers.

CONGENITAL SYPHILIS STRATEGIC PLANNING GROUP

FRAMEWORK AND RECOMMENDATIONS

Presenter 1

Dr. Aarathi Nagaraja
Co-Chair Congenital Syphilis Elimination
Strategic Planning Group

Presenter 2

Audrie King
Co-chair of Congenital Syphilis Elimination
Strategic Planning Group



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PRESENTATION OUTLINE

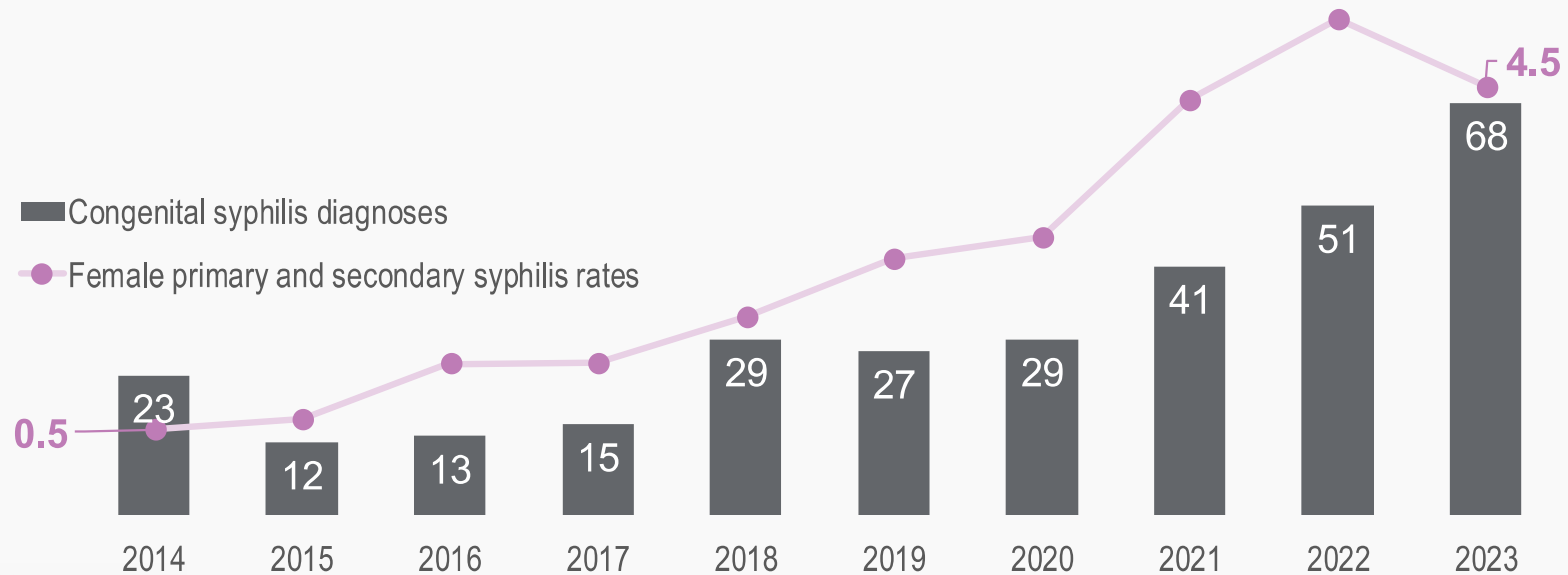
- Background information on the Congenital Syphilis Elimination Strategic Planning Group (The Group):
 - Convening of The Group
 - Mission, Vision, and Goals of The Group
- Congenital Syphilis Elimination Framework Layout
- Clinical/Prescribing Provider Recommendations
- Discussion/Questions

THE NEED FOR A CONGENITAL SYPHILIS ELIMINATION STRATEGIC PLANNING GROUP

In 2023, the AIDS Institute, in partnership with the New York City Department of Health and Mental Hygiene, convened the first-ever Congenital Syphilis Elimination Strategic Planning Group.

The need was based on the growing rate of congenital syphilis in New York State from 2013-2021 which, unfortunately, has only worsened since that time.

Congenital syphilis diagnoses vs. primary and secondary syphilis rates among females, New York State, 2014– 2023



What is

"The Group"



Mission: To implement a coordinated, comprehensive Framework.

Vision: A state where congenital syphilis has been eliminated, where persons of childbearing capacity and their sexual partners have access to services that are free from stigma.

Goals:

1. Finalize a **comprehensive framework**
2. Participate in subgroups developed from the focus area
3. Develop strategies toward implementing each recommendation

PRIORITY RECOMMENDATIONS

CSER: CONGENITAL SYPHILIS ELIMINATION RECOMMENDATION

CSER 1

Expand access points and integrate syphilis testing into existing sites and settings

CSER 2

Create congenital syphilis education messaging for patient, their partners, and the public

CSER 3

Partner with multi-specialty professional medical societies to increase education about syphilis and congenital syphilis

CSER 4

Promote provider and healthcare system awareness and compliance with the third-trimester syphilis screening mandate



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PRIORITY RECOMMENDATIONS

CSER: CONGENITAL SYPHILIS ELIMINATION RECOMMENDATION

CSER 5

Enable real-time access to all syphilis records to ensure timely diagnosis and treatment across New York State jurisdictions through the creation of statewide surveillance registry

CSER 6

Create a positive syphilis testing alert system within hospitals or birthing centers.



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GENERAL RECOMMENDATIONS

CSER: CONGENITAL SYPHLIS ELIMINATION RECOMMENDATION

CSER 7

Expedite syphilis testing at delivery and require documentation of prenatal syphilis screening.

CSER 8

Ensure there is a comprehensive sexual health approach to increase screening and awareness of syphilis regardless of a patient entry point into care and/or their risk factors

CSER 9

Utilize a medical home model to improve syphilis treatment efforts for pregnant people

CSER 10

Ensure access to syphilis treatment



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GENERAL RECOMMENDATIONS

CSER: CONGENITAL SYPHILIS ELIMINATION RECOMMENDATION

CSER 11

Use syphilis field testing and treatment services for sexual partners.

CSER 12

Ensure better linkages between health departments and health systems to track pediatric populations impacted by congenital syphilis by use of a surveillance registry

CSER 13

Utilize specialized disease intervention specialists or congenital syphilis investigators

CSER 14

Develop a community advisory board focused on preventing congenital syphilis



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GENERAL RECOMMENDATIONS

CSER: CONGENITAL SYPHLIS ELIMINATION RECOMMENDATION

CSER 15

Increase syphilis data sharing with the community

CSER 16

Create a congenital syphilis screening quality measure for health systems

CSER 17

Improve communication of syphilis test results between laboratories and health departments

CSER 18

Implement point-of-care syphilis testing



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GENERAL RECOMMENDATIONS

CSER: CONGENITAL SYPHLIS ELIMINATION RECOMMENDATION

CSER 19

Identify and leverage statewide funding to increase syphilis testing

CSER 20

Increase research and publications on syphilis and congenital syphilis by developing partnerships with statewide health organizations

CSER 21

Increase funding for staff dedicated to syphilis-related research

CSER 22

Conduct focus groups for providers working with populations impacted by syphilis and congenital syphilis



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GENERAL RECOMMENDATIONS

CSER: CONGENITAL SYPHILIS ELIMINATION RECOMMENDATION

CSER 23

Create an ongoing interdisciplinary
syphilis workgroup

CSER 24

Require laboratory reflex testing
for initial syphilis tests, and
universal standardization of
syphilis screening algorithm during
pregnancy



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Feedback on the recommendations

- Overall thoughts on the recommendations
- Challenges you foresee
- Can you envision agencies taking on some of these recommendations.
- Are there any best practices and recommendations we can share with each other today



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Community forums

We invite you to register below for the discussion forum that best reflects you and/or your agency's interests.

Area of expertise and/or interest	Clinical Providers	Non-Clinical Providers	Public Sector	Medical Societies & Guidance Communities	Private Sector	Clinical & Non-Clinical Providers
Date:	April 7	May 19	June 25	August 6	September 29	October 29
Time:	10:30am – 12:00pm	10:30am – 12:00pm	1:00pm – 2:30pm	10:30am – 12:00pm	1:00pm – 2:30pm	1:00pm – 2:30pm

[Registration link for forums](#)

THANK YOU FOR YOUR TIME

FOR QUESTION REGARDING THIS WORK CAN BE DIRECTED
VIA EMAIL STDC@HEALTH.NY.GOV



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A faint, light pink outline of a heart shape is centered in the background of the slide.

Thank you!

COMMUNITY
HEALTH CARE
ASSOCIATION
of New York State

chcanys.org