# Managing Syphilis Amidst Penicillin Shortage

Learning Community, September 26<sup>th</sup>

Welcome! Please introduce yourself in the chat ©



COLUMBIA VAGELOS COLLEGE OF PHYSICIANS AND SURGEONS

# Welcome and happy fall!

### • Please introduce yourself in the chat!

- We're happy to have attendees here from the following clinics:
  - Bell Flower Clinic, Indianapolis, Indiana
  - Litoral Clinic, Migrant Health Center, Mayagüez, Puerto Rico
  - Mary Eliza Mahoney Health Center, Newark, New Jersey
  - Morrisania Clinic, Health & Hospitals, Bronx, New York
  - NYC Department of Health, NYC, New York
  - Take Care Down There Clinic, Columbus Public Health, Columbus, Ohio



## Group Agreements

- Keep cameras on, especially when talking
- All participants contribute to the discussion
- We're here to learn together
- Confidentiality: any patient information shared remains private



## **Clinic Prompt**

Has your clinic explored its current penicillin stock?

How your clinic managing syphilis amidst this shortage? What changes, if any, have been made?



COLUMBIA VAGELOS COLLEGE OF PHYSICIANS AND SURGEONS

# Managing Syphilis: Providing Clinical Care in the Era of Bicillin-LA Shortages

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• None

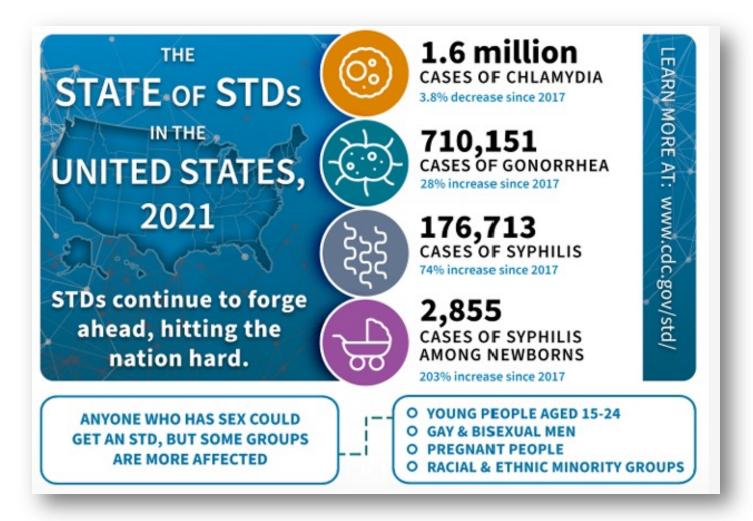


## Objectives

- 1. Recognize the importance of screening for syphilis
- 2. Accurately classify syphilis by stage
- 3. Summarize recommended and not recommended treatment options
- 4. Develop plans for management during the Bicillin-LA shortage for your clinic
- 5. Understand appropriate syphilis follow-up



### Sexually Transmitted Diseases

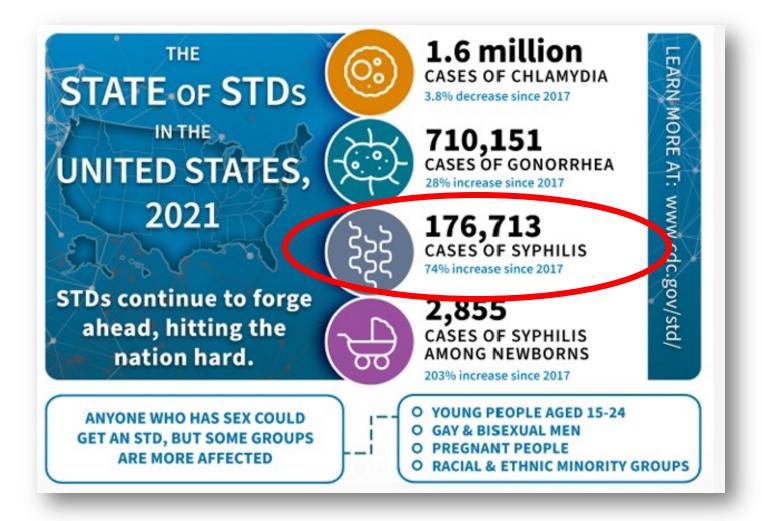


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Centers for Disease Control and Prevention. *Sexually Transmitted Disease Surveillance 2019*. Atlanta: U.S. Department of Health and Human Services; 2021.



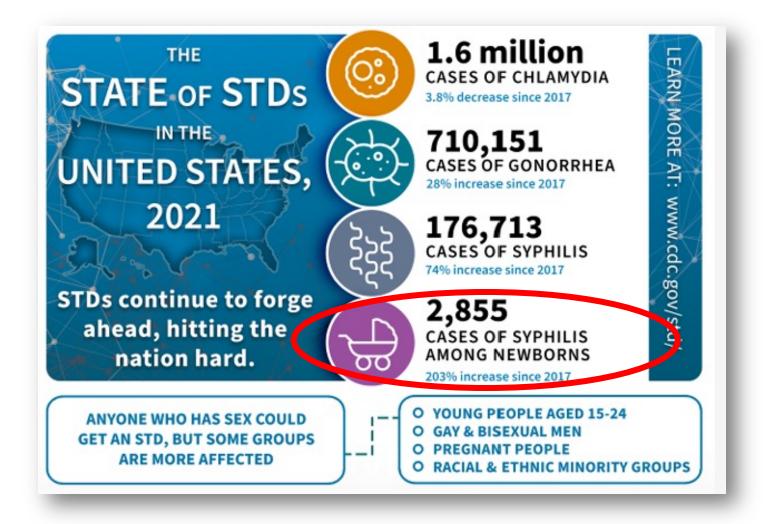
### Sexually Transmitted Diseases



Centers for Disease Control and Prevention. Sexually Transmitted Disease Surveillance 2019. Atlanta: U.S. Department of Health and Human Services; 2021.



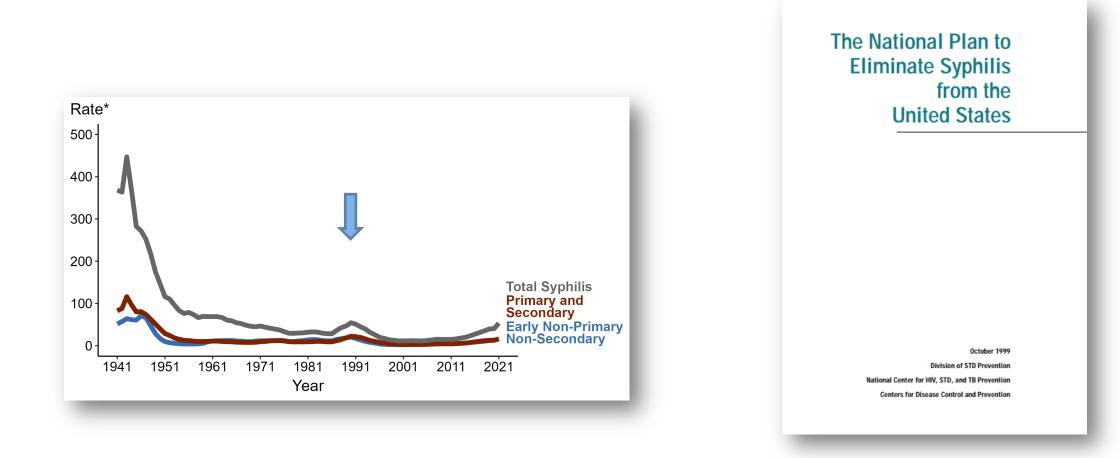
### Sexually Transmitted Diseases



Centers for Disease Control and Prevention. Sexually Transmitted Disease Surveillance 2019. Atlanta: U.S. Department of Health and Human Services; 2021.



## Syphilis is Rising

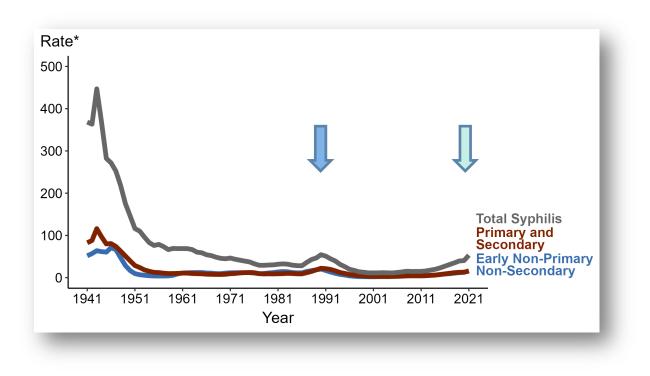


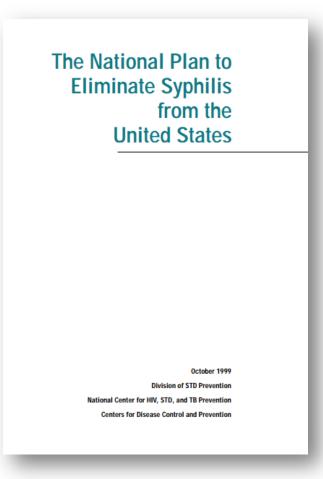
NEW YORK CITY PREVENTION TRAINING CENTER

https://www.cdc.gov/stopsyphilis/exec.htm

https://www.cdc.gov/std/statistics/2021/default.htm

## Syphilis is Rising



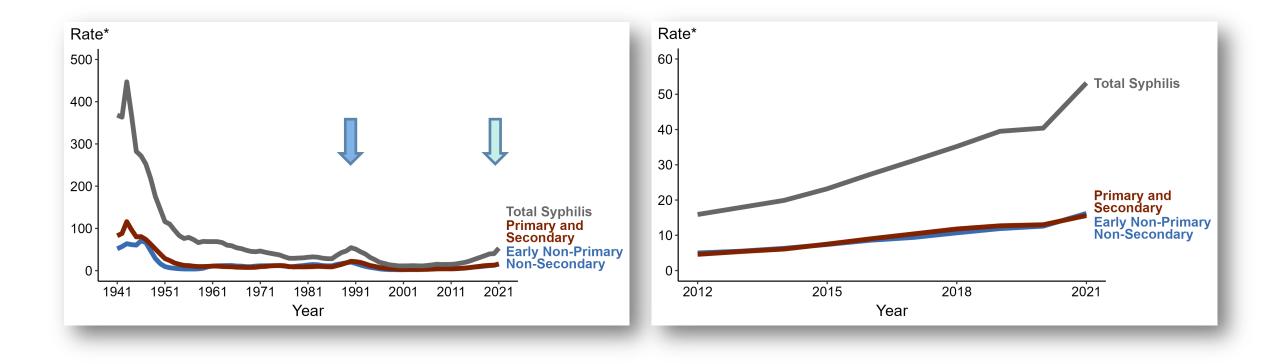


**STO** PREVENTION TRAINING CENTER

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# Syphilis is Rising





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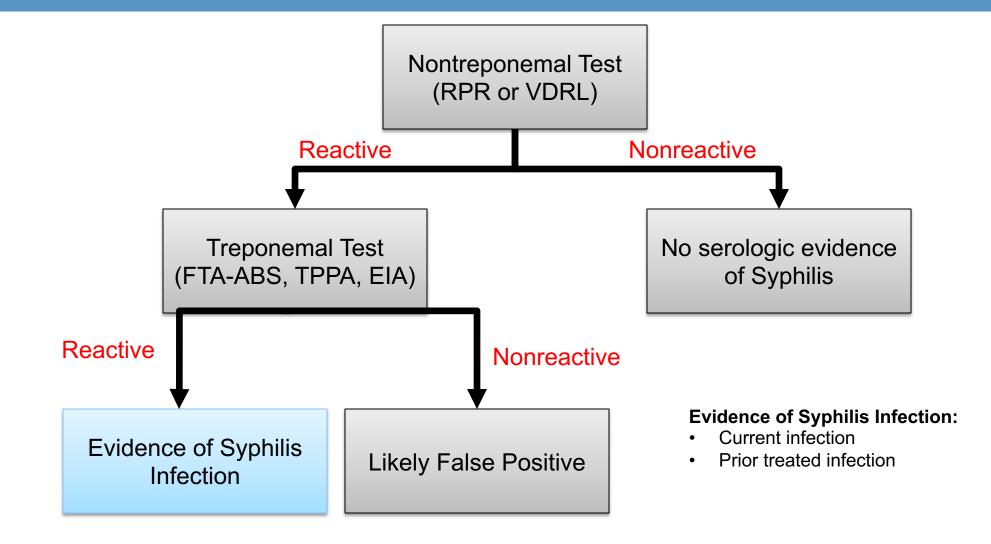
# Screening for Syphilis

Population	Recommendations
len who have sex with men	At least annually if sexually active, and every 3-6 months if at increase stions
ransgender and Gender Diverse People	Consider screening at least annually based on reported
Patients taking PrEP	At initiation and every 3-6 months if at increases answitted
Persons living with HIV	At diagnosis and at least annually Transvery 3-6 months if at increased risk
Non-pregnant Women Cis-gender) and Non-MSM Men	At least annually if sexually active, and every 3-6 months if at increase and a least annually based on reported to the angle of the area
Pregnant Women	sounter plus third trimester and at delivery if high risk or in endemic area



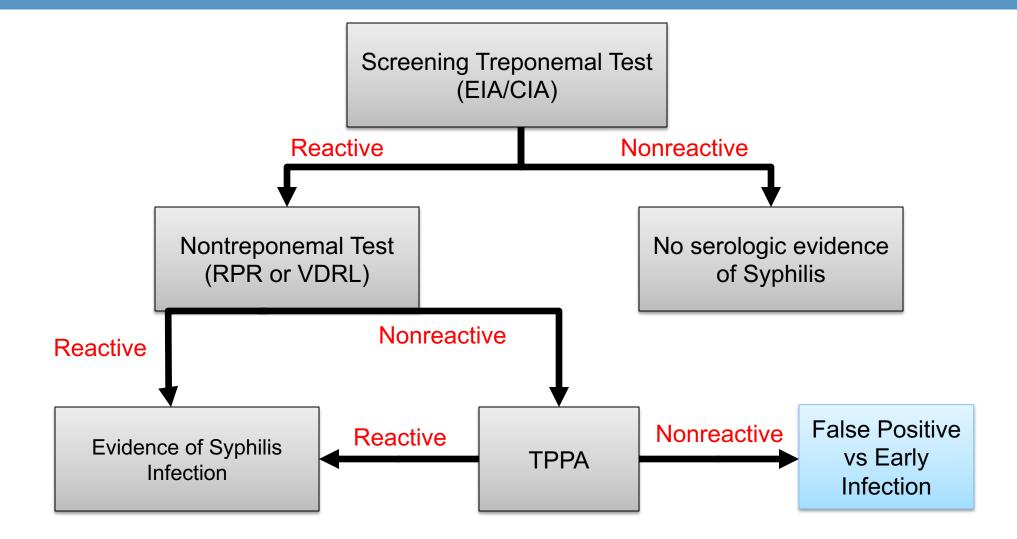
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## Syphilis – Traditional Algorithm





### Syphilis – Reverse Algorithm



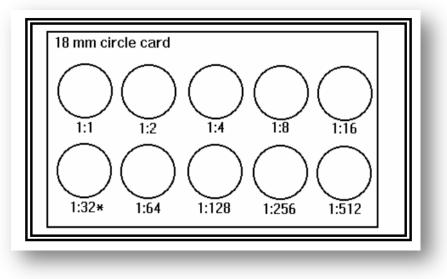
New York City Department of Health and Mental Hygiene, and the New York City STD Prevention Training Center. The Diagnosis and Management of Syphilis: An Update and Review. March 2019. A PDF version is available at www.nycptc.org.



## Syphilis – Interpreting Titers

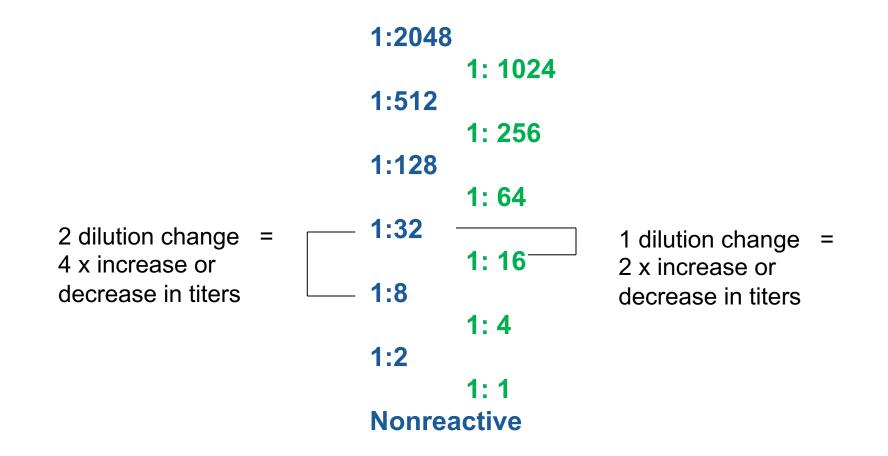
1:2048 1:1024 1:512 1:256 1:128 1:64 1:32 1:16 1:8 1:4 1:2 1:1 **Nonreactive** 

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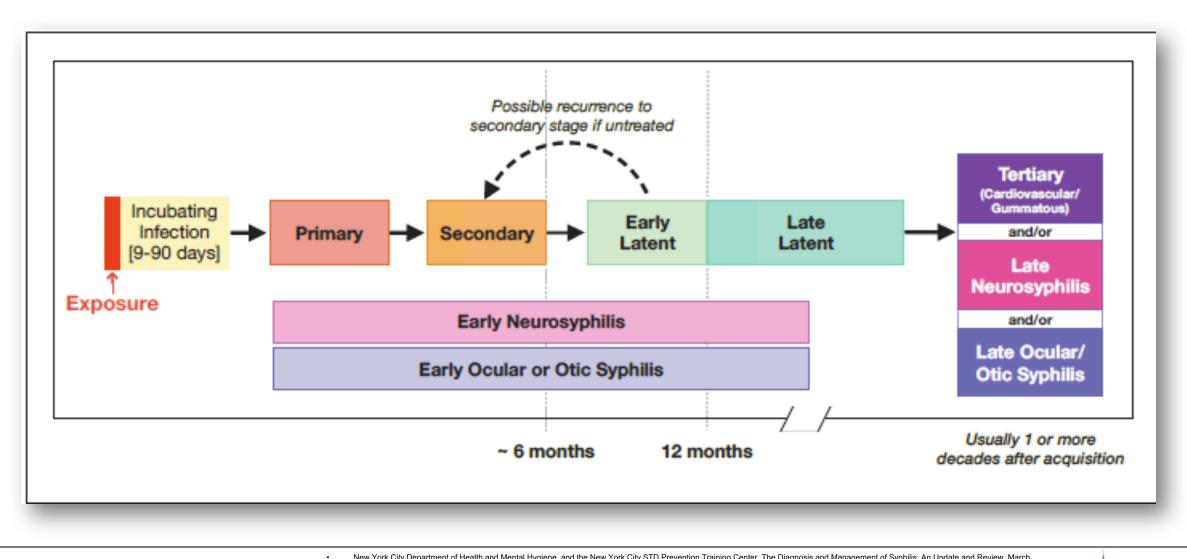
## Syphilis – Interpreting Titers



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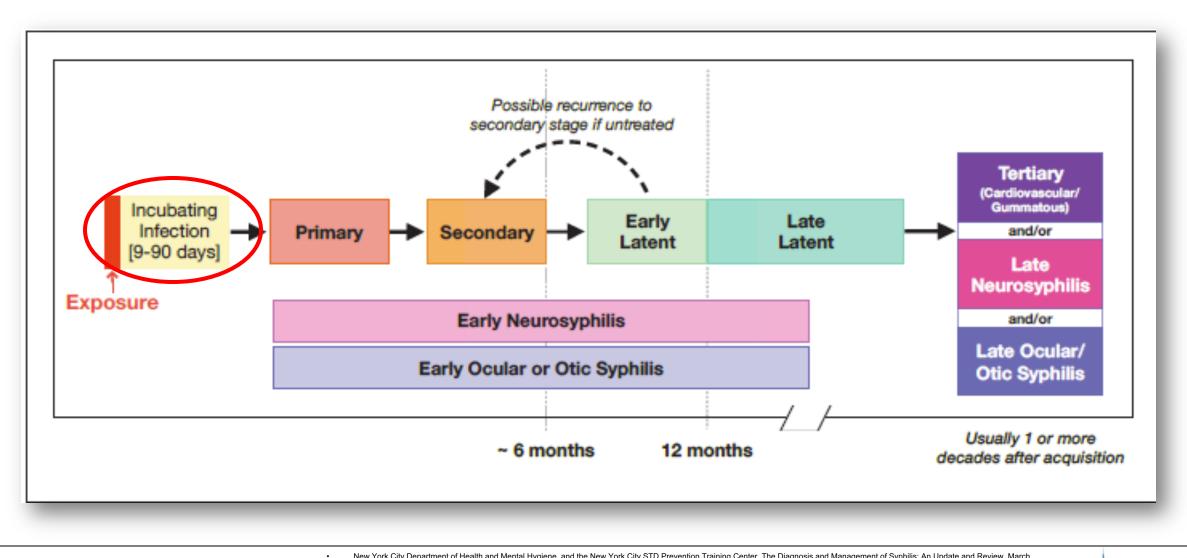


https://www.nycptc.org/x/Syphilis\_Monograph\_2019\_NYC\_PTC\_NYC\_DOHMH.pdf



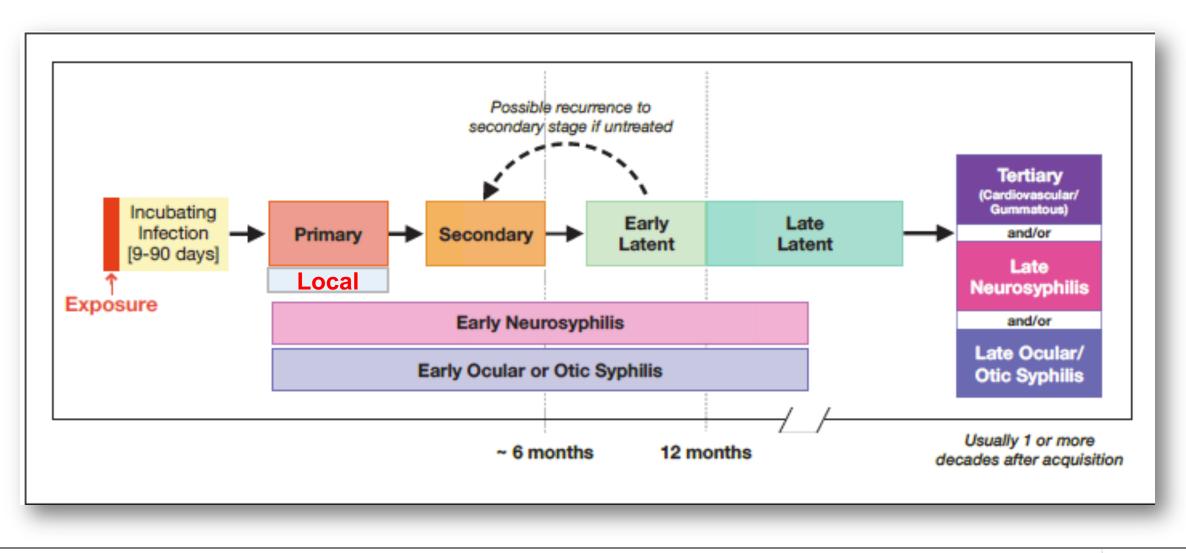
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# Syphilis – Primary

• Primary Syphilis

### - <u>Local</u>

- One or more ulcers (chancres) at inoculation site
- Painless
  - May go unnoticed
  - Often associated with regional or bilateral lymphadenopathy
- Occur 10 90 days after infection
- Highly infectious
- Resolves in 1-6 weeks



https://www.cdc.gov/std/syphilis/images.htm

<u>https://www.cdc.gov/std/syphilis/stdfact-syphilis.htm</u>



# Syphilis

- Classic Presentation
  - Single painless ulcer or chancre at the site of infection
- Atypical presentation
  - Multiple, atypical, or painful lesions at the site of infection

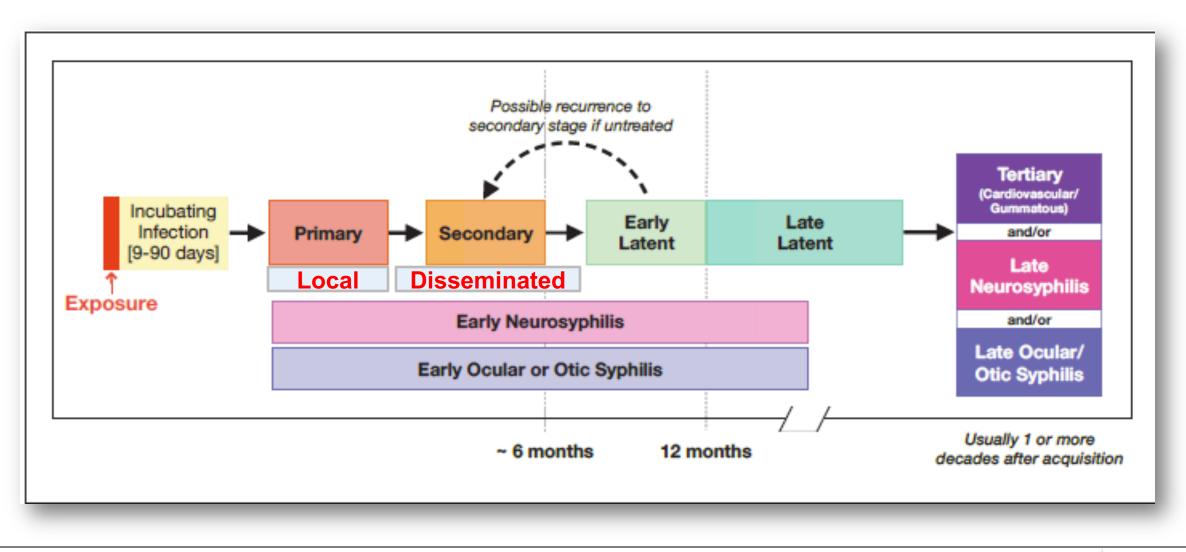
#### ORIGINAL ARTICLE

Painful and multiple anogenital lesions are common in men with *Treponema pallidum* PCR-positive primary syphilis without herpes simplex virus coinfection: a cross-sectional clinic-based study

Janet M Towns,<sup>1</sup> David E Leslie,<sup>2</sup> Ian Denham,<sup>1</sup> Francesca Azzato,<sup>2</sup> Christopher K Fairley,<sup>1,3</sup> Marcus Chen<sup>1,3</sup>







New York City Department of Health and Mental Hygiene, and the New York City STD Prevention Training Center. The Diagnosis and Management of Syphilis: An Update and Review. March 2019. A PDF version is available at www.nycptc.org.

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# Syphilis - Secondary

- Secondary Syphilis
  - Disseminated
  - <u>Systemic symptoms</u>
    - Dermatologic manifestations
    - Painless generalized adenopathy
    - Low-grade fever
    - Fatigue
  - Usually, 4-8 weeks after infection
    - Resolves in 6 weeks
    - Highly infectious







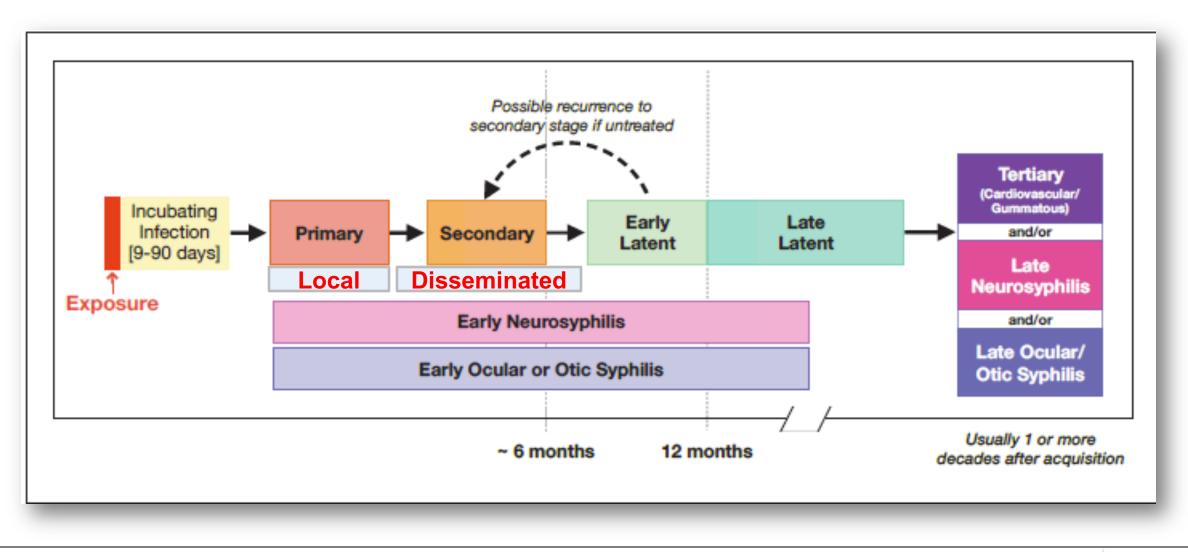
https://www.cdc.gov/std/syphilis/images.htm https://www.cdc.gov/std/syphilis/stdfact-syphilis.htm

## Syphilis - Secondary

Organ System	Clinical Findings
Skin and Mucous Membranes	<ul> <li>Rash or other skin lesions with varied appearance frequently on palms/soles         <ul> <li>Macular/papular/maculopapular</li> <li>Annular</li> <li>Psoriasiform</li> <li>Necrotic (rare)</li> </ul> </li> </ul>
	<ul> <li>Condyloma lata: moist, gray-white, wart-like growths appearing in warm moist areas such as the perineum and the anus</li> <li>Patchy alopecia, often with a moth-eaten appearance</li> <li>Mucous patches: flat, silver-gray discrete macules, plaques or erosions involving the mouth, tongue, or ano-genital mucosa</li> <li>Split- or fissured-papules at the angles of the mouth and nasolabial folds (rare)</li> </ul>
Systemic	<ul> <li>Lymphadenopathy</li> <li>Systemic symptoms including: malaise, fever, and other nonspecific constitutional symptoms</li> </ul>
Gastrointestinal	Gastric syphilis     Hepatitis (usually subclinical)
Renal	Glomerulonephritis     Nephrotic syndrome
Musculoskeletal	<ul><li>Arthritis</li><li>Periostitis</li></ul>
Neurologic	<ul> <li>Signs/symptoms of meningitis (eg, subtle headache)</li> <li>Cranial nerve (CN) dysfunction (especially 6th, 7th, 8th CN)</li> <li>Meningovascular syphilis with stuttering stroke symptoms</li> </ul>
Ocular/Otic	<ul> <li>Symptoms of anterior, posterior, or panuveitis; other manifestations include episcleritis, vitritis, retinitis, papillitis, interstitial keratitis, acute retinal necrosis, and retinal detachment</li> <li>Symptoms of otologic syphilis (eg, hearing loss, tinnitus, vertigo)</li> </ul>

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New York City Department of Health and Mental Hygiene, and the New York City STD Prevention Training Center. The Diagnosis and Management of Syphilis: An Update and Review. March 2019. A PDF version is available at www.nycptc.org.



# Syphilis – Latent

Latent Phase	Definition			
Early Latent	Duration of infection <= 1 year			
Late Latent	Duration of infection >1 year			
Syphilis of Unknown Duration	Unknown duration of infection			
***Latent syphilis requires no exam findings of primary, secondary or tertiary syphilis				

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# Recommended Options for Treating Syphilis

Stage	Treatment	Alternative	
Incubation	Benzathine penicillin G 2.4 million	Doxycycline 100mg twice daily for 14 days	
Primary	units intramuscular injection once		
Secondary			
Early latent			
Late latent	Benzathine penicillin G 2.4 million	<b>Doxycycline</b> 100mg twice daily for 28 days	
Syphilis of unknown duration	units intramuscular injection 3 times		
Tertiary (non-neuro)	at one week intervals		
Neurosyphilis, Ocular, or Otic Syphilis	Aqueous crystalline penicillin G 18–24 million units per day, administered as 3–4 million units intravenously every 4 hours, or by continuous infusion, for 10–14 days	Procaine penicillin G 2.4 million units IM once daily <i>PLUS</i> Probenecid 500mg 4 times daily for 10–14 days	

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# Penicillin Shortage

#### Penicillin G Benzathine Injectable Suspens Status: Currently in Shortage

»Therapeutic Categories: Anti-Infective

Expand all

Pfizer Pharmaceuticals (Revised 07/10/2023)

#### Company Contact Information:

844-646-4398

Presentation	Availability and Estimated Shortage Duration	Related Information	Shortage Reason (per FDASIA)
Bicillin L-A Pediatric 600,000 Units/mL Prefilled Syringe (NDC 60793-700-10)	Next delivery: TBD; Estimated recovery 2024	Dear Patient Letter: Availability Update for Bicillin® L-A (penicillin G benzathine injectable suspension) and Bicillin® C-R (penicillin G benzathine and penicillin G procaine injectable suspension) Prefiled Syringes (HYPERLINK)	Demand Increase for the drug
Bicillin L-A 1.2 million Units/2 mL (600,000 units/mL) Prefilled Syringe (NDC 60793-701-10)	Limited Supply. Next delivery: July 2023; Estimated recovery: Q2 2024	On allocation. Check Wholesaler for Availability Dear Patient Letter: Availability Update for Bicillin® L-A (penicillin G benzathine injectable suspension) and Bicillin® CR (penicillin G benzathine and penicillin G procaine injectable suspension) Prefiled Syringes (HYPERLINK)	Demand Increase for the drug
Bicillin L-A 2.4 million Units/4 mL (600,000 units/mL) Prefilled Syringe (NDC 60793-702-10)	Limited Supply. Next delivery: July 2023; Estimated recovery: Q2 2024	On allocation. Check Wholesaler for Availability Dear Patient Letter: Availability Update for Bicillin® L-A (penicillin G benzathine injectable suspension) and Bicillin® C-R (micillin G benzathine and penicillin G procaine injectable suspension) Prefiled Syringes (HYPERLINK)	Demand Increase for the drug

enicillin & Procaine Injectable Suspension atus: Discontinuation Therapeutic Categories: Anti-Infective and all		
Pfizer, Inc. (New 06/13/2023)		
Company Contact Information: 844-646-4398		
Presentation	Posting Date	Related Information
600,000 units/1 mL Prefilled Syringe (NDC 60793-130-10)	06/13/2023	Discontinuation of the manufacture of the drug
1.2 MU/2 mL Prefilled Syringe (NDC 60793-131-10)	06/13/2023	Discontinuation of the manufacture of the drug



# **Recommended Options for Treating Syphilis**

Stage	Treatment	Alternative	
Incubation	Benzathine penicillin G 2.4 million	<b>Doxycycline</b> 100mg twice daily for 14 days	
Primary	units intramuscular injection once		
Secondary			
Early latent			
Late latent	Benzathine penicillin G 2.4 million	<b>Doxycycline</b> 100mg twice daily for 28 days	
Syphilis of unknown duration	units intramuscular injection 3 times at one week intervals		
Tertiary (non-neuro)	at one week intervals		
Neurosyphilis, Ocular, or Otic Syphilis	Aqueous crystalline penicillin G 18–24 million units per day, administered as 3–4 million units intravenously every 4 hours, or by continuous infusion, for 10–14 days		

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## Managing Syphilis During Shortages



### MONITOR SUPPLY AND FORECAST NEED

### APPROPRIATELY STAGE SYPHILIS

### PRIORITIZATION



### Prioritization

### **Prioritization**

- Pregnant persons
- Babies with congenital syphilis

### **Strategies**

- Antimicrobial stewardship
- Alternative regimens
  - Doxycycline



### **Prioritization Strategies**

	The University Hospin Formulary & The DRUG and time sensitive drug information	tal of Columbia ar herapeutics Comm ALI	id Cornell ittee ERT	7
ol. 43, No.6				June 2023
Critical Drug	Shortage: Penicillir	n G Benzathir	e (Bicillin®	LA) Injection
patients unable to recein <u>Effective immediately</u> To address this shortag	G benzathine MUST be used ve an alternative regimen and penicillin G benzathine (Bio e, the Department of Pharmac	must be approved in cillin® LA) will requ	by an Infectious I uire ID approval	Diseases approval source. prior to use.
to or infected with syph	Pregnar			All Others
Syphilis Exposure	Benzathine penicillin G 2.4 m	illion units IM x 1		ng twice daily for 14 days
Primary Syphilis	Benzathine penicillin G 2.4 m	illion units IM x 1	Benzathine penicil	lin G 2.4 million units IM x 1
Secondary Syphilis Early latent syphilis				
Late latent syphilis	Benzathine penicillin G 2.4 m	illion units IM x 3	Doxycycline 100n	ng twice daily for 28 days
Tertiary syphilis (without neurolo				lin G 2.4 million units IM x 3
involvement) Neuro, Ocular, Otic syphilis	Aqueous crystalline penicillin	C 19, 24 million units		e penicillin G 18- 24 million units
recurd, Occurar, Ouc syprins	per day, IV 10-14 days	o to 24 million units	per day, IV 10-14 d	
Congenital syphilis	Please reach out to Pediatric	Infectious Diseases		
may be utilized as alter	alternatives to penicillin G be natives to penicillin G benzath	ine:	utilized at this tin	ne. The following therapies
Potential Indication for	Alternative Adults	Antibiotic Therapy Children / ad	olescents	Comments
Desite 111 a Discount history	freatment of Group A Penicillin VK 500 mg PO q8h x 10		olescents	
Penicillin G benzathine Penicillin G forup A Treatment of Group A Streptococcal Pharyngitis	Penicillin VK 500 mg PO q8h x 10	Children - 12 years of Penicilin VK 25-50 mg grams) PO divided q6 OR Ceftriaxone 50-75 mg/ Children - 212 years of Penicilin VK 125-250 OR Ceftriaxone 50-75 mg/ (all x 10 days)	ykg/day (max 3 -8h kg IM/IV q24h age mg PO q6-8h	In children, amoxicillin (50 mg/kg/day divided q12-24h) is another alternative

References 1. Workweek KA Rachmann I.H. Chan PA, et al. Sevuelly transmitted infections treatment quidelines. 2021. MMWR Recomm Rep. 2021-70(4):1-187

For questions regarding this Drug Alert, please contact the NYP Enterprise Drug Information Center at 746-0741

or via email: druginformation@nyp.c

- 1. Recommendations:
  - 1. Requires ID approval
  - 2. Provide recommendations
  - 3. Provide alternatives
    - "For all other indications, alternatives to penicillin G benzathine MUST be utilized....



### Provide Recommendations

	Pregnancy	All Others
Syphilis Exposure	Benzathine penicillin G 2.4 million units IM x 1	Doxycycline 100mg twice daily for 14 days
Primary Syphilis	Benzathine penicillin G 2.4 million units IM x 1	Benzathine penicillin G 2.4 million units IM x 1
Secondary Syphilis		
Early latent syphilis		
Late latent syphilis	Benzathine penicillin G 2.4 million units IM x 3	Doxycycline 100mg twice daily for 28 days
Tertiary syphilis (without neurological	Benzathine penicillin G 2.4 million units IM x 3	Benzathine penicillin G 2.4 million units IM x 3
involvement)		
Neuro, Ocular, Otic syphilis	Aqueous crystalline penicillin G 18- 24 million units	Aqueous crystalline penicillin G 18- 24 million units
	per day, IV 10-14 days	per day, IV 10-14 days
Congenital syphilis	Please reach out to Pediatric Infectious Diseases	



### **Provide Alternatives**

Potential Indication for	Alternative	Comments		
Penicillin G benzathine	Adults	Children / adolescents	Comments	
Treatment of Group A Streptococcal Pharyngitis	Penicillin VK 500 mg PO q8h x 10 days	Children <12 years of age Penicillin VK 25-50 mg/kg/day (max 3 grams) PO divided q6-8h OR Ceftriaxone 50-75 mg/kg IM/IV q24h Children ≥12 years of age Penicillin VK 125-250 mg PO q6-8h OR Ceftriaxone 50-75 mg/kg IM/IV q24h (all x 10 days)	In children, amoxicillin (50 mg/kg/day divided q12-24h) is another alternative	
Prophylaxis of rheumatic fever	Penicillin VK 500 mg PO q8h x 10 days	<u>Children &lt;5 years of age</u> Penicillin VK 125 mg PO q12h <u>Children ≥5 years of age</u> Penicillin VK 250 mg PO q12h		



## Alternative Therapies for Group A Strep

Medication	Pediatric Dosing (max at adult dosing)	Adult Dosing	
Penicillin V	≤ 27 kg: 250 mg PO 2 to 3 times daily x10 days >27 kg: 500 mg PO 2 to 3 times daily x10 days	500 mg PO twice daily x10 days	
Amoxicillin	50 mg/kg/day PO once daily or divided twice daily x10 days	500 mg PO twice daily or 1 gram once daily x10 days	
Cephalexin	40 mg/kg/day PO divided twice daily x10 days	500 mg PO twice daily x10 days	
Ceftriaxone*	50 mg/kg IM x1 dose	Ceftriaxone 1g IV or IM x 1 or 2 doses	
Azithromycin**	12 mg/kg/day PO daily x5 days	500 mg PO daily x5 days	
Clindamycin**	7 mg/kg/dose PO three times daily x10 days	300 mg PO three times daily x10 days	
* Limited data available, only for patients unable to tolerate oral medications **Reserved for patients with anaphylaxis to penicillin/cephalosporins			



- Ceftriaxone
- Azithromycin
- Amoxicillin +/- Probenecid



- Ceftriaxone
- Azithromycin
- Amoxicillin +/- Probenecid

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- Ceftriaxone 1g IM/IV x 10 days
  - Limited data on effectiveness
  - "the optimal dose and duration of ceftriaxone therapy have not been defined"
  - "treatment decisions should be discussed in consultation with a specialist"



- Ceftriaxone
- Azithromycin
- Amoxicillin +/- Probenecid

- 2g Azithromycin x 1
- *"T. pallidum* chromosomal mutations associated with azithromycin and other macrolide resistance and documented treatment failures in multiple U.S. geographic areas, <u>azithromycin should</u> <u>not be used as treatment for syphilis</u>"



- Ceftriaxone
- Azithromycin
- Amoxicillin +/- Probenecid

 Observational Study
 > Clin Infect Dis. 2015 Jul 15;61(2):177-83. doi: 10.1093/cid/civ270.

 Epub 2015 Mar 31.

 Clinical Infectious Diseases

 MAJOR ARTICLE

 MAJOR ARTICLE

Combination of Amoxicillin 3000 mg and Probenecid Versus 1500 mg Amoxicillin Monotherapy for Treating Syphilis in Patients With Human Immunodeficiency Virus (HIV): An Open-Label, Randomized, Controlled, Non-Inferiority Trial

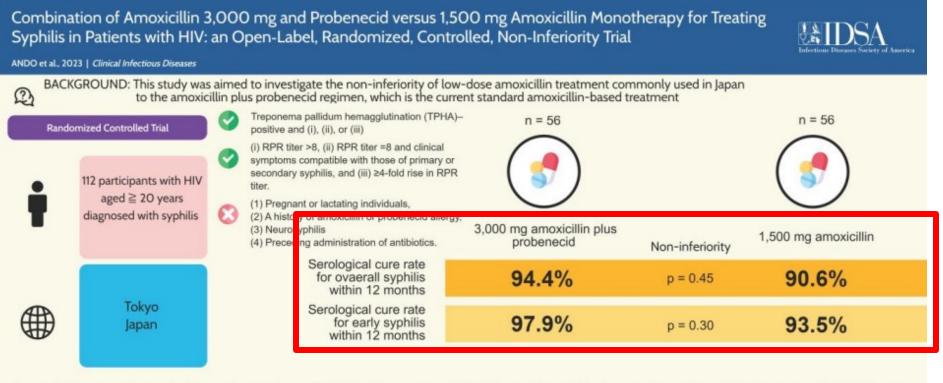
Naokatsu Ando,<sup>1,0</sup> Daisuke Mizushima,<sup>1</sup> Kazumi Omata,<sup>2</sup> Takashi Nemoto,<sup>3</sup> Natsumi Inamura,<sup>3</sup> Saori Hiramoto,<sup>3</sup> Misao Takano,<sup>1</sup> Takahiro Aoki,<sup>1</sup> Koji Watanabe,<sup>1,0</sup> Haruka Uemura,<sup>1</sup> Daisuke Shiojiri,<sup>1</sup> Yasuaki Yanagawa,<sup>1,0</sup> Junko Tanuma,<sup>1</sup> Katsuji Teruya,<sup>1</sup> Yoshimi Kikuchi,<sup>1</sup> Hiroyuki Gatanaga,<sup>1</sup> and Shinichi Oka<sup>1</sup>

<sup>1</sup>AIDS Clinical Center, National Center for Global Health and Medicine, Tokyo, Japan; <sup>2</sup>Center for Clinical Sciences, National Center for Global Health and Medicine, Tokyo, Japan; and <sup>3</sup>Department of Laboratory, National Center for Global Health and Medicine, Tokyo, Japan

Kazuhiko Ikeuchi ២ , Kazuaki Fukushima, Masaru Tanaka, Keishiro Yajima,

Akifumi Imamura

### Syphilis Treatment With Amoxicillin



In conclusion, our study was the first randomized controlled trial to demonstrate a high efficacy of amoxicillin-based regimens for syphilis in patients with HIV infection but did not reveal the non-inferiority of low-dose amoxicillin compared with amoxicillin plus probenecid.

Clinical Infectious Diseases

https://doi.org/10.1093/cid/ciad278

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Ando N, Mizushima D, Omata K, et al. Combination of Amoxicillin 3,000 mg and Probenecid versus 1,500 mg Amoxicillin Monotherapy for Treating Syphilis in Patients with HIV: an Open-Label, Randomized, Controlled, Non-Inferiority Trial [published online ahead of print, 2023 May 9]. Clin Infect Dis. 2023;ciad278. doi:10.1093/cid/ciad278



## Treating Syphilis in Pregnancy

Stage	Treatment	Alternative
Incubation	Benzathine penicillin G 2.4 million units intramuscular injection once	"Pregnant [persons] who have a history of penicillin allergy should be desensitized and treated with penicillin"
Primary		
Secondary		
Early latent		
Late latent	Benzathine penicillin G 2.4 million units intramuscular injection 3 times at one	
Late of unknown duration		
Tertiary (non-neuro)	week intervals	
Neurosyphilis, Ocular, or Otic Syphilis	Aqueous crystalline penicillin G 18–24 million units per day, administered as 3– 4 million units intravenously every 4 hours, or by continuous infusion, for 10– 14 days	

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### **Missed Doses**

- How many days between doses is acceptable?
  - Clinical experience suggests that 10–14 days between doses of benzathine penicillin for latent syphilis might be acceptable before restarting
    - An interval of 7–9 days between doses is preferred
- How many days between doses is acceptable for pregnant persons?
  - "Missed doses >9 days between doses are not acceptable for pregnant [persons] receiving therapy for late latent syphilis"
  - "Pregnant [persons] who miss a dose of therapy should repeat the full course of therapy"



### Follow-up After Treatment

### Primary and Secondary

- Repeat serology
  - 6 months
  - 12 months

### Signs of Failure

- Clinical signs and symptoms
- 4x increase in non-treponemal testing for >2 weeks
- Failure to see a 4x decrease after 12 months
  - 10%–20% will not achieve 4x
     decrease in titer within 12 months



### Follow-up After Treatment

### Latent

- Repeat serology
  - 6 months
  - 12 months
  - 24 months

### Signs of Failure

- Clinical signs and symptoms
- 4x increase in non-treponemal testing for >2 weeks
- Failure to see a 4x decrease after 24 months
  - More common if initial titer is <1:8</p>



### Follow-up After Treatment "Failure"

- Management of Treatment Failure
  - Follow-up
    - Serologic follow-up annually
    - Clinical (and particularly neurologic) examination
      - -Consider LP for CSF examination
    - Repeat HIV testing
  - If additional follow-up cannot be ensured, consider re-treatment



## NYC STD Prevention Training Center

The CDC-funded NYC STD Prevention Training Center at Columbia University provides a continuum of education, resources, consultation and technical assistance to health care providers, and clinical sites. <u>www.nycptc.org</u>



#### **Didactic Presentations**

Webinars, conferences, trainings and grand rounds presentations to enhance and build knowledge

#### **Technical Assistance**

Virtual and on-site technical assistance regarding quality improvement, clinic implementation and best practices around sexual health provision

> *For more information please contact:* Gowri Nagendra Soman MPH gn103@cumc.columbia.edu

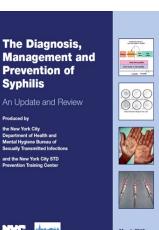
#### **Clinical Consultation Warmline**

Clinical guidance regarding STD cases; no identifying patient data is submitted https://www.stdccn.org/

#### **Resources**

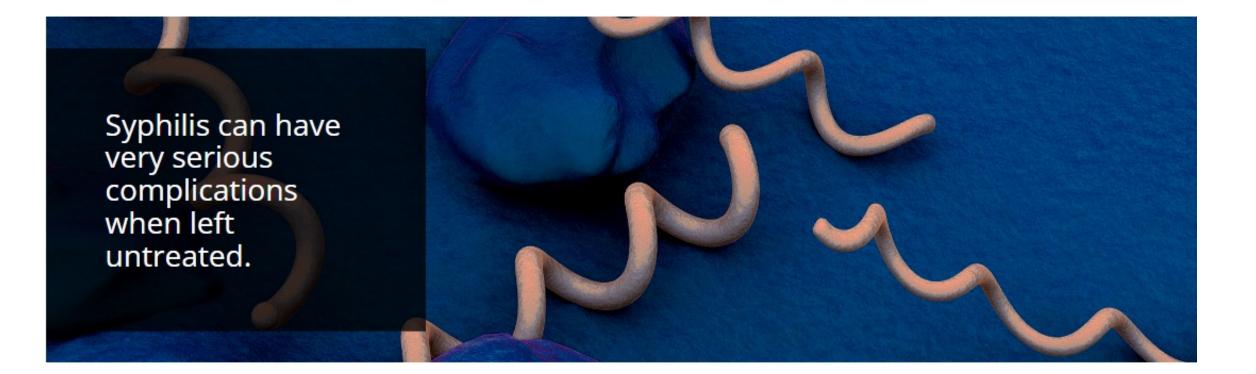
Clinical guidance tools regarding the STD treatment guidelines, screening algorithms and knowledge books, such as the Syphilis Monograph.

To download a copy please visit: http://bit.ly/SyphilisMonograph2019PTC



**Syphilis** 

### Questions





# **Questions & Discussion**



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### Quick Evaluation

- 1. How would you rate the value of today's discussion?
- 2. The level of the brief lecture was:
- 3. Attending the learning community is a good use of my time.
- 4. I felt comfortable contributing during the LC session.
- 5. As a result of today's session, are there any changes you would make in your practice?
- 6. Since the last LC, has your clinic made (or is in the process of making) any clinical practice changes related to HIV prevention services?



### Next Learning Community Session

Date: December 12, 2023

12-1pm EST

**Topic**: Doxy PEP



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### In the meantime...

#### **STO PREVENTION** TRAINING CENTER

Look out for our October newsletter!

#### Feedback?

Questions for a clinician?

Let us know!

Find LC resources here:

https://nycptc.org/hivprevent.html

#### HIV PREVENTION LEARNING COMMUNITY



#### June Newsletter

#### PRIDE MONTH

We love June because that means...it's Pride Month! We hope everyone has found resources to support campaigns your clinics and organizations are running this month. There are many great resources out there!

CDC has <u>"Pride-In-A-Box"</u>, a how-to guide with information and resources to support your site's Pride Month activities. You can also find their social media toolkit <u>here</u>.

You can find some other great resources and ideas from <u>GLSEN</u>, <u>The Trevor Project</u>, and <u>Human Rights Campaign</u>.

#### MAY LC RECAP

May's LC focused on **PrEP for Adolescents**. Together we discussed what PrEP options are available for adolescents, considerations when working with adolescents, and how newer PrEP options, like on-demand dosing and injectable PrEP, might or might not work for this population.

Some of the persistent concerns discussed included confidentiality when billing insurance, how to keep adolescents engaged in care, and addressing stigma among young people.

Are you interested in providing PrEP for adolescents? Let us know; we would love to help.



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