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Overview

- Clinical manifestations of syphilis
- Staging of disease
- Lab testing
- Treatment
- Part 2: Deeper dive into complicated syphilis
 - Screening

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- Treatment follow up and failure
- Ocular/Otic/Neuro syphilis

• Part 3: Congenital syphilis

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	Risk Criteria	Frequency
MSM	"Lower risk" – Sexually active men outside of mutually monogamous relationships "Higher risk" (based on RFs in past year) - Bacterial STI - Methamphetamine use - Condomless anal sex with HIV+/unknown status partner - >10 sex partners - On PrEP	Annually Every 3 months
Pregnant individuals	ALL	Testing should be performed three times; at the first prenatal visit at 28 -36 weeks gestation and at delivery
Persons with bacterial STIs	Focus on MSM and gonorrhea	
Persons living homeless or unstably housed	Any sex outside of long-term mutually monogamous relationship	Annually
People who use methamphetamines & sex workers	Any sex outside of long-term mutually monogamous relationship	Every 3 months



Syphilis contacts & Partner management

- · Syphilis transmission is high in early stages
- <u>Contact to 1^{ry}, 2^{ry}, EL stage infection within 90 days:</u> screen for syphilis and <u>treat</u> for early syphilis -- you can do it or refer to DOH
- <u>Contact to LL/UD syphilis or > 90 days</u>
 - Option 1: <u>Treat</u> presumptively based on exposure, prior tests
- Option 2: Test and have contact return if positive
- No EPT for syphilis

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STD Preve

Late Latent or 2.4 million units benzathine PCN IM weekly for 3 weeks
unknown duration PCN Allergy: Doxy 100mg bid x 28 days (or tetracycline 500 mg QID x 28 days) Ceftriaxone IM/IV daily x10d? – consult an ID specialist

Follow up (HIV-neg	gative patien	ts)			
 Quantitative nontreponemal titers used to follow response. Fourfold change (two dilutions) is an appropriate response within 12 months* 					
Stage	Retest	4 fold decline by:			
P&S, early latent	6, 12 mo	12 mo			
Late latent/unk duration	6, 12, 24 mo	24 mo			
 Public Health Seattle & King County practice is to retest at 3 months (or sooner), reinfection risk is high Assure continued engagement with care Rescreen for all STIs, including HIV! 					



STD Pre











General approach to syphilis management

Question or Task	Rationale	
1) Does the patient have evidence of complicated syphilis?	Determine need for additional work-up	
2) What is the syphilis stage?	Determines therapy	
3) Test for other STIs (HIV, GC/CT, Trich) & pregnancy. Vaccinate for HPV?	Define need for other therapy or special follow-up	
4) Define HIV treatment or prevention plan	 If HIV positive: Is patient on ART and suppressed? If HIV negative: Recommend PrEP 	
5) Define follow-up plan	Assure >2 titer (4-fold) decline over 12- 24 months, or sooner if MSM, pregnant or HIV+	
6) Report to health department	Helps assure partner treatment, decrease transmission, optimizes care	

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Panuveitis, retinal vasculitis, CN II-VI dysfunction, etc.

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	ropulation	Involvement/Total (%)
Stokes 1945)*	Syphilis Cooperative Clinical Group	91/3244 (2.8%)
Moore (1930)*	Johns Hopkins	
	Early secondary	111/2413 (4.5%)
	Recurrent secondary	29/309 (9.3%)
	Late syphilis	109/3420 (3.1%)
3alba (2006)	HIV Clinic	3/33 (9%
Dombrowski 2015)	King County 2012	15/567 (2.6%)















University of WA STD Prevention Training Center • www.uwptc.org

National Network of STD/HIV Prevention Training Centers • <u>www.nnptc.or</u>

2021 CDC STI Treatment Guidelines www.cdc.gov/std/treatment-guidelines

American Social Health Association (ASHA) booklets, books, handouts, the Helper www.ashastd.org

(800) 230-6039

NNPTC National STD Curriculum www.std.uw.edu

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STD Prevention





